

2. ERROR CODE AND SELF-DIAGNOSTIC MODE

2.1 Error Code List

The following error codes is displayed at the upper right of the screen when the "CLEAR PAPER" or "CALL SERVICE" symbol is blinking.

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2.1.1 Jam

Error code	Classification	Contents	Troubleshooting
E010	Paper exit jam	Jam not reaching the exit sensor : The paper which has passed through the fuser unit does not reach the exit sensor.	P. 5-1
E020	Paper exit jam	Stop jam at the exit sensor: The trailing edge of the paper does not pass the exit sensor after its leading edge has reached this sensor.	P. 5-2
E030	Other paper jam	Power-ON jam: The paper is remaining on the paper transport path when power is turned ON.	P. 5-18
E061		Incorrect paper size setting for upper drawer: The size of paper in the 1st drawer differs from size setting of the equipment.	P. 5-18
E062		Incorrect paper size setting for lower drawer: The size of paper in the 2nd drawer differs from size setting of the equipment.	P. 5-18
E063		Incorrect paper size setting for PFP upper drawer: The size of paper in the 3rd drawer differs from size setting of the equipment.	P. 5-18
E064		Incorrect paper size setting for PFP lower drawer: The size of paper in the 4th drawer differs from size setting of the equipment.	P. 5-18
E065		Incorrect paper size setting for bypass tray: The size of paper in the bypass tray differs from size setting of the equipment.	P. 5-18
E090		Image data delay jam: Image data to be printed cannot be prepared.	P. 5-19

Error code	Classification	Contents	Troubleshooting
E110	Paper misfeeding	ADU misfeeding (Paper not reaching the registration sensor): The paper which has passed through ADU does not reach the registration sensor during duplex printing.	P. 5-3
E120		Bypass misfeeding (Paper not reaching the registration sensor): The paper fed from the bypass tray does not reach the registration sensor.	P. 5-4
E130		Upper drawer misfeeding (Paper not reaching the upper drawer feed sensor): The paper fed from the upper drawer does not reach the upper drawer feed sensor.	P. 5-5
E140		Lower drawer misfeeding (Paper not reaching the lower drawer feed sensor): The paper fed from the lower drawer does not reach the lower drawer feed sensor.	P. 5-6
E150		PFP upper drawer misfeeding (Paper not reaching the PFP upper drawer feed sensor): The paper fed from the PFP upper drawer does not reach the PFP upper drawer feed sensor.	P. 5-7
E160		PFP lower drawer misfeeding (Paper not reaching the PFP lower drawer feed sensor): The paper fed from the PFP lower drawer does not reach the PFP lower drawer feed sensor.	P. 5-8
E190		LCF misfeeding (Paper not reaching the LCF feed sensor): The paper fed from the LCF does not reach the LCF feed sensor.	P. 5-9
E200	Paper transport jam	Upper drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor.	P. 5-10

Error code	Classification	Contents	Troubleshooting
E210	Paper transport jam	Lower drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor.	P. 5-10
E220		Lower drawer transport jam (Paper not reaching the upper drawer feed sensor): The paper does not reach the upper drawer feed sensor after it has passed the lower drawer feed sensor.	P. 5-11
E300		PFP upper drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor.	P. 5-10
E310		PFP upper drawer transport jam (Paper not reaching the upper drawer feed sensor): The paper does not reach the upper drawer feed sensor after it has passed the lower drawer feed sensor.	P. 5-11
E320		PFP upper drawer transport jam (Paper not reaching the lower drawer feed sensor): The paper does not reach the lower drawer feed sensor after it has passed the PFP upper drawer feed sensor.	P. 5-12
E330		PFP lower drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor.	P. 5-10
E340		PFP lower drawer transport jam (Paper not reaching the upper drawer feed sensor): The paper does not reach the upper drawer feed sensor after it has passed the lower drawer feed sensor.	P. 5-11
E350		PFP lower drawer transport jam (Paper not reaching the lower drawer feed sensor): The paper does not reach the lower drawer feed sensor after it has passed the PFP upper drawer feed sensor.	P. 5-12
E360		PFP lower drawer transport jam (Paper not reaching the PFP upper drawer feed sensor): The paper does not reach the PFP upper drawer feed sensor after it has passed the PFP lower drawer feed sensor.	P. 5-13
E400		Cover open jam	Jam access cover open jam: The jam access cover has opened during printing.
E410	Front cover open jam: The front cover has opened during printing.		P. 5-20
E420	Cover open jam	PFP side cover open jam: The PFP side cover has opened during printing.	P. 5-21
E430		ADU open jam: The ADU has opened during printing.	P. 5-21
E440		Side cover open jam: The side cover has opened during printing.	P. 5-22
E450		LCF side cover open jam: The LCF side cover has opened during printing.	P. 5-22
E480		Bridge unit open jam: The bridge unit has opened during printing.	P. 5-23
E510	Paper transport jam (ADU section)	Jam not reaching the ADU entrance sensor: The paper does not reach the ADU entrance sensor after it is switchbacked in the exit section.	P. 5-14
E520		Stop jam in the ADU: The paper does not reach the ADU exit sensor after it has passed the ADU entrance sensor.	P. 5-15

Error code	Classification	Contents	Troubleshooting
E550	Other paper jam	Paper remaining jam on the transport path: The paper is remaining on the transport path when printing is finished (caused by a multiple paper feeding).	P. 5-19
E712	RADF jam	Jam not reaching the original registration sensor: The original fed from the original feeding tray does not reach the original registration sensor.	P. 5-24
E713		Cover open jam in the read ready status: Jam caused by opening of the RADF jam access cover or front cover while the RADF is waiting for the scanning start signal from the equipment.	P. 5-24
E714		Feed signal reception jam: The feed signal is received even no original exists on the original feeding tray.	P. 5-25
E721		Jam not reaching the read sensor: The original does not reach the read sensor after it has passed the registration sensor (when scanning obverse side) or the reverse sensor (when scanning reverse side).	P. 5-25
E722		Jam not reaching the original exit/reverse sensor (during scanning): The original which passed the read sensor does not reach the original exit/reverse sensor when it is transported from the scanning section to exit section.	P. 5-26
E724		Stop jam at the original registration sensor: The trailing edge of the original does not pass the original registration sensor after its leading edge has reached this sensor.	P. 5-26
E725		Stop jam at the read sensor: The trailing edge of the original does not pass the read sensor after its leading edge has reached this sensor.	P. 5-27
E731		Stop jam at the original exit/reverse sensor: The trailing edge of the original does not pass the original exit/reverse sensor after its leading edge has reached this sensor.	P. 5-27
E860		RADF jam access cover open: The RADF jam access cover has opened during RADF operation.	P. 5-27
E870		RADF open jam: RADF has opened during RADF operation.	P. 5-28
E910		Finisher jam (Bridge unit)	Jam at the bridge unit transport sensor 1: The paper does not reach the bridge unit transport sensor 1 after it has passed the exit sensor.
E920	Stop jam at the bridge unit transport sensor 1: The trailing edge of the paper does not pass the bridge unit transport sensor 1 after its leading edge has reached the sensor.		P. 5-29
E930	Jam at the bridge unit transport sensor 2: The trailing edge of the paper does not reach the bridge unit transport sensor 2 after its leading edge has reached the bridge unit transport sensor 1.		P. 5-29
E940	Stop jam at the bridge unit transport sensor 2: The trailing edge of the paper does not pass the bridge unit transport sensor 2 after its leading edge has reached the bridge unit transport sensor 2.		P. 5-29
E9F0	Finisher jam (Punch unit)	Punching jam: Punching is not performed properly. [MJ-1023/1024 (when MJ-6004 is installed)] [MJ-1101 (when MJ-6101 is installed)]	P. 5-46

Error code	Classification	Contents	Troubleshooting
EA10	Finisher jam (Finisher section)	Paper transport delay jam: The paper which has passed the bridge unit does not reach the inlet sensor. [MJ-1022/1023/1024/1101]	P. 5-30
EA20		Paper transport stop jam: (1) The paper does not pass through the inlet sensor. [MJ-1022/1023/1024] (2) The paper has passed through the inlet sensor but does not reach or pass the feed path sensor or processing tray sensor. [MJ-1023/1024] (3) The paper which has passed through the inlet sensor does not reach the transport sensor. [MJ-1101]	P. 5-32
EA21		Paper size error jam: Paper does not reach the sensor because the paper is shorter than spec. [MJ-1101]	P. 5-33
EA30		Power-ON jam: (1) Paper exists at the inlet sensor when power is turned ON. [MJ-1022/1023/1024] (2) Paper exists at the feed path sensor or processing tray sensor when power is turned ON. [MJ-1023/1024]	P. 5-34
EA31		Transport path paper remaining jam: The paper which has passed through the inlet sensor does not reach the transport sensor. [MJ-1101]	P. 5-35
EA32		Exit paper remaining jam: The paper is remaining on the finishing tray when the power is turned ON. [MJ-1101]	P. 5-35
EA40		Finisher jam (Finisher section)	Door open jam: 1) The finisher has been released from the equipment during printing. [MJ-1022] 2) The upper/front cover of the finisher section or the upper/ front door of the puncher section has opened during printing. [MJ-1023/1024] 3) The front cover or stationary tray cover is opened during paper transport. [MJ-1101]
EA50	Stapling jam: Stapling is not performed properly. [MJ-1022/1023/1024/1101]		P. 5-38
EA60	Early arrival jam: The inlet sensor detects the paper earlier than a specified timing. [MJ-1022/1023/1024/1101]		P. 5-40
EA70	Stack delivery jam: It cannot deliver the stack of paper on the intermediary process tray to the stack tray. [MJ-1022]		P. 5-41
	Stack exit belt home position error: The stack exit belt is not at the home position. [MJ-1101]		

Error code	Classification	Contents	Troubleshooting
EA80	Finisher jam (Saddle stitcher section)	Stapling jam: Stapling is not performed properly. [MJ-1024]	P. 5-43
EA90		Door open jam: The delivery cover or inlet cover has opened during printing [MJ-1024].	P. 5-43
EAA0		Power-ON jam: Paper exists at No.1 paper sensor, No. 2 paper sensor, No.3 paper sensor, vertical path paper sensor or delivery sensor when power is turned ON. [MJ-1024]	P. 5-44
EAB0		Transport stop jam: The paper which passed through the inlet sensor does not reach or pass No.1 paper sensor, No. 2 paper sensor, No.3 paper sensor or delivery sensor. [MJ-1024]	P. 5-44
EAC0		Transport delay jam: The paper which has reached the inlet sensor does not pass through the inlet sensor. [MJ-1024]	P. 5-45
EAD0	Other paper jam	Print end command time-out jam: The printing has not finished normally because of the communication error between the SYS board and LGC board at the end of printing.	P. 5-47
EAE0	Finisher jam	Receiving time time-out jam: The printing has been interrupted because of the communication error between the equipment and finisher when the paper is transported from the equipment to the finisher.	P. 5-47
EAF0	Finisher jam (Finisher section)	Stack return jam: It cannot load the paper which passed through the delivery roller on the intermediary process tray. [MJ-1022]	P. 5-42
EB30	Finisher jam	Ready time time-out jam: The equipment judges that the paper transport to the finisher is disabled because of the communication error between the equipment and finisher at the start of printing.	P. 5-47
EB50	Paper transport jam	Paper remaining on the transport path: The multiple feeding of preceding paper caused the misfeeding of upcoming paper.	P. 5-16
EB60		Paper remaining on the transport path: The multiple feeding of preceding paper caused the misfeeding of upcoming paper (redetection after no jam is detected at [EB50]).	P. 5-17
ED10	Finisher jam	Sideways adjustment motor (M2) home position detection error: The Sideways adjustment motor is not at the home position. [MJ-1101 (when MJ-6101 is installed)]	P. 5-48
ED11		Skew adjustment motor (M1) home position detection abnormality: The Skew adjustment motor is not at the home position. [MJ-1101 (when MJ-6101 is installed)]	P. 5-48
ED12		Shutter home position error: The shutter is not at the home position. [MJ-1101]	P. 5-49
ED13		Front alignment plate home position error: The front alignment plate is not at the home position. [MJ-1101]	P. 5-49
ED14		Rear alignment plate home position error: The rear alignment plate is not at the home position. [MJ-1101]	P. 5-50
ED15		Paddle home position error: The paddle is not at the home position. [MJ-1101]	P. 5-50
ED16		Buffer tray home position error: The buffer tray is not at the home position. [MJ-1101]	P. 5-51

2.1.2 Service call

Error code	Classification	Contents	Troubleshooting	
C010	Drive system related service call	Main motor abnormality: The main motor is not rotating normally.	P. 5-52	
C020		Developer motor abnormality: The developer motor is not rotating normally.	P. 5-52	
C030		Transport motor abnormality: The transport motor is not rotating normally.	P. 5-52	
C040	Paper feeding system related service call	PFP motor abnormality: The PFP motor is not rotating normally. (the case that paper can be fed from any drawer except the PFP)	P. 5-53	
C130		Upper drawer tray abnormality: The upper drawer tray-up motor is not rotating or the upper drawer tray is not moving normally. (the case that paper can be fed from any drawer except the upper drawer)	P. 5-54	
C140		Lower drawer tray abnormality: The lower drawer tray-up motor is not rotating or the lower drawer tray is not moving normally. (the case that paper can be fed from any drawer except the lower drawer)	P. 5-54	
C150		PFP upper drawer tray abnormality: The PFP upper drawer tray-up motor is not rotating or the PFP upper drawer tray is not moving normally. (the case that paper can be fed from any drawer except the PFP upper drawer)	P. 5-55	
C160		PFP lower drawer tray abnormality: The PFP lower drawer tray-up motor is not rotating or the PFP lower drawer tray is not moving normally. (the case that paper can be fed from any drawer except the PFP lower drawer)	P. 5-55	
C180		LCF tray-up motor abnormality: The LCF tray-up motor is not rotating or the LCF tray is not moving normally. (the case that paper can be fed from any drawer except the LCF)	P. 5-56	
C1A0		LCF end fence motor abnormality: The LCF end fence motor is not rotating or the LCF end fence is not moving normally. (the case that paper can be fed from any drawer except the LCF)	P. 5-57	
C1B0		LCF transport motor abnormality: The LCF transport motor is not rotating normally. (the case that paper can be fed from any drawer except the LCF)	P. 5-58	
C260		Scanning system related service call	Peak detection error: Lighting of the exposure lamp (white reference) is not detected when power is turned ON.	P. 5-59
C270			Carriage home position sensor not turning OFF within a specified period of time: The carriage does not shift from its home position in a specified time.	P. 5-59
C280	Carriage home position sensor not turning ON within a specified period of time: The carriage does not reach to its home position in a specified period of time.		P. 5-59	
C360	Copy process related service call	Charger cleaner motor abnormality: Charger cleaner motor is not rotating or wire cleaner is not moving normally.	P. 5-89	

Error code	Classification	Contents	Troubleshooting	
C411	Fuser unit related service call	Thermistor or heater abnormality at power-ON: Abnormality of the thermistor is detected when power is turned ON or the temperature of the fuser roller does not rise in a specified period of time after power is turned ON.	P. 5-60	
C412		Thermistor/heater abnormality at power-ON: Thermistor abnormality is detected at power-ON or the fuser roller temperature does not rise within a specified period of time after power-ON.	P. 5-60	
C443		Heater abnormality after abnormality judgment (not reaching to intermediate temperature)	P. 5-61	
C445		Heater abnormality after abnormality judgment (pre-running end temperature abnormality)	P. 5-61	
C446		Heater abnormality after abnormality judgment (pre-running end temperature abnormality)	P. 5-61	
C447		Heater abnormality after abnormality judgment (temperature abnormality at ready status)	P. 5-61	
C449		Heater abnormality after abnormality judgment (overheating)	P. 5-61	
C471		IH power voltage abnormality or IH initial abnormality (IH board initial abnormality)	P. 5-61	
C472		IH power voltage abnormality (power supply abnormality)	P. 5-61	
C475		IH power voltage abnormality (power supply abnormality when door is opened)	P. 5-61	
C480		Overheating of IGBT: The temperature of the IGBT rises abnormally.	P. 5-61	
C490		IH control circuit or IH coil abnormality: Abnormality is detected in IH control circuit or IH coil is broken/shorted.	P. 5-62	
C4B0		Fuser unit counter abnormality	P. 5-62	
C550		Optional communication related service call	RADF I/F error: Communication error has occurred between the RADF and the scanner.	P. 5-63
C570			Communication error between Engine-CPU and IPC board	P. 5-63
C580			Communication error between IPC board and finisher	P. 5-63
C900	Circuit related service call	Connection error between SYS board and LGC board	P. 5-64	
C940		Engine-CPU abnormality	P. 5-64	
C950		LGC board memory abnormality	P. 5-64	
C960		Connection error between LGC board and DRV board, ID abnormality	P. 5-64	
C970	Process related service call	High-voltage transformer abnormality: Leakage of the main charger is detected.	P. 5-89	
C9E0	Circuit related service call	Connection error between SLG board and SYS board, ID abnormality	P. 5-65	
CA10	Laser optical unit related service call	Polygonal motor abnormality: The polygonal motor is not rotating normally.	P. 5-66	
CA20		H-Sync detection error: H-Sync signal detection PC board cannot detect laser beams.	P. 5-66	

Error code	Classification	Contents	Troubleshooting
CB10	Finisher related service call	Entrance motor abnormality: The entrance motor is not rotating normally. [MJ-1101]	P. 5-67
CB11		Buffer tray guide motor abnormality: The buffer tray guide motor is not rotating or the buffer tray guide is not moving normally. [MJ-1101]	P. 5-67
CB12		Buffer roller drive motor abnormality: The buffer roller drive motor is not rotating or the buffer roller is not moving normally. [MJ-1101]	P. 5-67
CB20		Delivery motor abnormality: Delivery motor or delivery roller is not rotating normally. [MJ-1022]	P. 5-68
CB30		Tray 1/Tray 2 shift motor abnormality: Tray 1/Tray 2 shift motor is not rotating or delivery tray is not moving normally. [MJ-1023/1024]	P. 5-68
		Movable tray shift motor abnormality: The movable tray shift motor is not rotating or the movable tray is not moving normally. [MJ-1101]	P. 5-68
CB31		Movable tray paper-full detection error: The actuator of the movable tray paper-full detection sensor does not move smoothly. [MJ-1101]	P. 5-69
CB40		Rear aligning plate motor abnormality: Rear aligning plate motor is not rotating or aligning plate is not moving normally. [MJ-1023/1024]	P. 5-69
		Front alignment motor abnormality: The front alignment motor is not rotating or the front alignment plate is not moving normally. [MJ-1101]	P. 5-69
CB50		Staple motor abnormality: Staple motor is not rotating or stapler is not moving normally. [MJ-1022/1023/1024]	P. 5-70
		Stapler home position error: The stapler home position sensor does not work. [MJ-1101]	P. 5-70
CB51		Stapler shift home position error: The stapler is not at the home position. [MJ-1101]	P. 5-70
CB60		Stapler shift motor abnormality: Stapler shift motor is not rotating or staple unit is not moving normally. [MJ-1023/1024/1101]	P. 5-71
CB80		Backup RAM data abnormality: 1) Abnormality of checksum value on finisher controller PC board is detected when the power is turned ON. [MJ-1023/1024] 2) Abnormality of checksum value on punch controller PC board is detected when the power is turned ON. [MJ-1023/1024 (when MJ-6004 is installed)]	P. 5-71
		RAM abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned on. [MJ-1101]	P. 5-71
CB81		Flash ROM abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned on. [MJ-1101]	P. 5-72
CB90		Paper pushing plate motor abnormality: Paper pushing plate motor is not rotating or paper pushing plate is not moving normally. [MJ-1024]	P. 5-72
CBA0		Stitch motor (front) abnormality: Stitch motor (front) is not rotating or rotary cam is not moving normally. [MJ-1024]	P. 5-72
CBB0		Stitch motor (rear) abnormality: Stitch motor (rear) is not rotating or rotary cam is not moving normally. [MJ-1024]	P. 5-72

Error code	Classification	Contents	Troubleshooting
CBC0	Finisher related service call	Alignment motor abnormality: Alignment motor is not rotating or aligning plate is not moving normally. [MJ-1024]	P. 5-72
CBD0		Guide motor abnormality: Guide motor is not rotating or guide is not moving normally. [MJ-1024]	P. 5-73
CBE0		Paper folding motor abnormality: Paper folding motor or paper folding roller is not rotating normally. [MJ-1024]	P. 5-73
CBF0		Paper positioning plate motor abnormality: Paper positioning plate motor is not rotating or paper positioning plate is not moving normally. [MJ-1024]	P. 5-73
CC00		Sensor connector abnormality: Connector of guide home position sensor, paper pushing plate home position sensor or paper pushing plate top position sensor is disconnected. [MJ-1024]	P. 5-74
CC10		Micro switch abnormality: With all covers closed, inlet door switch, delivery door switch or front cover switch is open. [MJ-1024]	P. 5-74
CC20		Communication error between finisher and saddle stitcher: Communication error between finisher controller PC board and saddle stitcher controller board [MJ-1023/1024]	P. 5-74
CC30		Stack processing motor abnormality: The stack processing motor is not rotating or the stack delivery belt is not moving normally. [MJ-1022]	P. 5-75
		Stack transport motor abnormality: The stack transport motor is not rotating or the stack transport belt is not moving normally. [MJ-1101]	P. 5-76
CC31		Transport motor abnormality: The transport motor is not rotating or the stack transport roller -1 and -2 is not rotating normally. [MJ-1101]	P. 5-76
CC40		Swing motor abnormality: Swing motor is not rotating or swing unit is not moving normally. [MJ-1023/1024]	P. 5-76
CC41		Paper holder cam home position abnormality: The paper holder cam is not at the home position. [MJ-1101]	P. 5-77
CC50		Horizontal registration motor abnormality: Horizontal registration motor is not rotating or puncher is not shifting normally. [MJ-1023/1024 (when MJ-6004 is installed)]	P. 5-77
CC51		Sideways adjustment motor (M2) abnormality: Sideways adjustment motor is not rotating or puncher is not shifting normally. [MJ-1101 (when MJ-6101 is installed)]	P. 5-77
CC52		Skew adjustment motor (M1) abnormality: Skew adjustment motor is not rotating or puncher is not shifting normally. [MJ-1101 (when MJ-6101 is installed)]	P. 5-78
CC60		Punch motor abnormality: Punch motor is not rotating or puncher is not shifting normally. [MJ-1023/1024 (when MJ-6004 is installed)]	P. 5-78
CC61		Punch motor (M3) home position detection error: Punch motor is not rotating or puncher is not shifting normally. [MJ-1101 (when MJ-6101 is installed)]	P. 5-79

Error code	Classification	Contents	Troubleshooting	
CC71	Finisher related service call	Punch ROM checksum error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on. [MJ-1101 (when MJ-6101 is installed)]	P. 5-79	
CC72		Punch RAM read/write error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on. [MJ-1101 (when MJ-6101 is installed)]	P. 5-79	
CC80		Front alignment motor abnormality: Front alignment motor is not rotating or front aligning plate is not moving normally. [MJ-1022] Front aligning plate motor abnormality: Front aligning plate motor is not rotating or aligning plate is not moving normally. [MJ-1023/1024]	P. 5-80	
		Rear alignment motor abnormality: The rear alignment motor is not rotating or the rear alignment plate is not moving normally. [MJ-1101]	P. 5-80	
CC90		Upper stack tray lift motor abnormality: The upper stack tray lift motor is not rotating or the upper stack tray is not moving normally. [MJ-1022]	P. 5-81	
CCA0		Lower stack tray lift motor abnormality: The lower stack tray lift motor is not rotating or the lower stack tray is not moving normally. [MJ-1022]	P. 5-82	
CCB0		Rear jogging motor abnormality: The rear jogging motor is not rotating or the rear jogging plate is not moving normally. [MJ-1022]	P. 5-82	
CCD0		Stack ejection motor abnormality: Stack ejection motor or stack ejection roller is not rotating normally. [MJ-1023/1024]	P. 5-83	
CCE0		Paper trailing edge assist motor abnormality: Paper trailing edge assist motor is not rotating or paper trailing edge assist is not moving normally. [MJ-1023/1024]	P. 5-83	
CCF0		Gear changing motor abnormality: Gear changing motor is not rotating normally. [MJ-1023/1024]	P. 5-83	
CDE0		Paddle motor abnormality: The paddle motor is not rotating or the paddle is not rotating normally. [MJ-1101]	P. 5-84	
CE00		Communication error between finisher and punch unit: Communication error between finisher controller PC board and punch controller PC board [MJ-1023/1024 (when MJ-6004 is installed)] [MJ-1101 (when MJ-6101 is installed)]	P. 5-84	
CE10		Image control related service call	Image quality sensor abnormality (OFF level): The output value of this sensor is out of a specified range when sensor light source is OFF.	P. 5-85
CE20			Image quality sensor abnormality (no pattern level): The output value of this sensor is out of a specified range when the image quality control test pattern is not formed.	P. 5-86
CE40	Image quality control test pattern abnormality: The test pattern is not formed normally.		P. 5-87	
CE50	Temperature/humidity sensor abnormality: The output value of this sensor is out of a specified range.		P. 5-88	
CE90	Drum thermistor abnormality: The output value of the drum thermistor is out of a specified range.		P. 5-88	

Error code	Classification	Contents	Troubleshooting
CEA0	Copy process related service call	Revolver home position detection abnormality: It cannot detect that the revolver is at its home position.	P. 5-89
CEB0		Black developer unit lifting movement abnormality: The black developer unit does not move up or down normally (lifting cam does not operate normally).	P. 5-90
CEC0	Copy process related service call	2nd transfer roller position detection abnormality: The 2nd transfer roller does not contact/release normally.	P. 5-91
CEE0		Transfer belt position detection abnormality (normal speed): The home position of the transfer belt cannot be detected.	P. 5-92
CEE1		Transfer belt position detection abnormality (when decelerating): Reference position of the transfer belt cannot be detected.	P. 5-92
CEF0		Revolver motor abnormality: Revolver motor is not rotating or revolver is not moving normally.	P. 5-92
CF20	Toner density control related service call	Toner density detection voltage abnormality: The output value of the color auto-toner sensor in printing is out of a specified range.	P. 5-93
CF30		Reference plate detection voltage abnormality: The output value of the color auto-toner sensor against the reference plate is out of a specified range at the light amount correction during an auto-toner adjustment or when a print job has finished.	P. 5-94
CF40		Light amount correction voltage abnormality: The light amount correction is not finished normally during an auto-toner adjustment or when a print job has finished, or the output value of the sensor is out of a specified range when the light amount correction has finished.	P. 5-95
CF50		Color auto-toner sensor abnormality: The connection of the color auto-toner sensor cannot be detected at the initialization, or the output value of color auto-toner sensor when the revolver starts rotating for initialization is out of a specified range.	P. 5-96
F070		Communication related service call	Communication error between System-CPU and Engine-CPU
F090	Circuit related service call	SRAM abnormality on the SYS board	P. 5-65
F091		NVRAM abnormality on the SYS board	P. 5-65
F092		SRAM and NVRAM abnormality on the SYS board	P. 5-65
F100	Other service call	HDD format error: HDD cannot be initialized normally.	P. 5-97
F101		HDD unmounted: Connection of HDD cannot be detected.	P. 5-97
F102		HDD start error: HDD cannot become 'Ready' state.	P. 5-97
F103		HDD transfer time-out: Reading/writing cannot be performed in the specified period of time.	P. 5-97
F104		HDD data error: Abnormality is detected in the data of HDD.	P. 5-97
F105		HDD other error	P. 5-97
F106		Point and Print partition damage	P. 5-97
F107		/BOX partition damage	P. 5-97
F108		/SHA partition damage	P. 5-97

Error code	Classification	Contents	Troubleshooting
F110	Communication related service call	Communication error between System-CPU and Scanner-CPU	P. 5-63
F111		Scanner response abnormality	P. 5-63
F120	Other service call	Database abnormality: Database is not operating normally.	P. 5-97
F130		Invalid MAC address	P. 5-97
F200		Data overwrite kit (GP-1060) is taken off	P. 5-98
F350	Circuit related service call	SLG board abnormality	P. 5-65

2.1.3 Error in Internet FAX / Scanning Function

1) Internet FAX related error

Error code	Classification	Troubleshooting
1C10	System access abnormality	P. 5-98
1C11	Insufficient memory	P. 5-98
1C12	Message reception error	P. 5-98
1C13	Message transmission error	P. 5-98
1C14	Invalid parameter	P. 5-98
1C15	Exceeding file capacity	P. 5-98
1C20	System management module access abnormality	P. 5-98
1C21	Job control module access abnormality	P. 5-98
1C22	Job control module access abnormality	P. 5-98
1C30	Directory creation failure	P. 5-99
1C31	File creation failure	P. 5-99
1C32	File deletion failure	P. 5-98
1C33	File access failure	P. 5-99
1C40	Image conversion abnormality	P. 5-99
1C60	HDD full failure during processing	P. 5-99
1C61	Address Book reading failure	P. 5-99
1C62	Memory acquiring failure	P. 5-99
1C63	Terminal IP address unset	P. 5-99
1C64	Terminal mail address unset	P. 5-99
1C65	SMTP address unset	P. 5-99
1C66	Server time time-out error	P. 5-99
1C67	NIC time time-out error	P. 5-99
1C68	NIC access error	P. 5-99
1C69	SMTP server connection error	P. 5-99
1C6A	HOST NAME error	P. 5-99
1C6B	Terminal mail address error	P. 5-100
1C6C	Destination mail address error	P. 5-100
1C6D	System error	P. 5-99
1C70	SMTP client OFF	P. 5-100
1C71	SMTP authentication error	P. 5-100
1C72	POP before SMTP error	P. 5-100
1C80	Internet FAX transmission failure when processing E-mail job received	P. 5-100
1C81	Onramp Gateway transmission failure	P. 5-100
1C82	Internet FAX transmission failure when processing FAX job received	P. 5-100
1CC0	Job canceling	-
1CC1	Power failure	P. 5-100

2) RFC related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2500	Syntax error, command unrecognized	HOST NAME error(RFC: 500) Destination mail address error (RFC: 500) Terminal mail address error (RFC: 500)	P. 5-101
2501	Syntax error in parameters or arguments	HOST NAME error(RFC: 501) Destination mail address error (RFC: 501) Terminal mail address error (RFC: 501)	P. 5-101
2503	Bad sequence of commands	Destination mail address error (RFC: 503)	P. 5-101
2504	Command parameter not implemented	HOST NAME error (RFC: 504)	P. 5-101
2550	Mailbox unavailable	Destination mail address error (RFC: 550)	P. 5-101
2551	User not local	Destination mail address error (RFC: 551)	P. 5-101
2552	Insufficient system storage	Terminal/Destination mail address error (RFC: 552)	P. 5-101
2553	Mailbox name not allowed	Destination mail address error (RFC: 553)	P. 5-101



3) Electronic Filing related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2B10	There was no applicable job.	No applicable job error in job control module	P. 5-102
2B11	Job status failed.	JOB status abnormality	P. 5-102
2B20	Failed to access file.	File library function error	P. 5-102
2B30	Insufficient disk space.	Insufficient disk space in /BOX partition	P. 5-102
2B31	Failed to access Electronic Filing.	Status of specified Electronic Filing or folder is undefined or being created/deleted	P. 5-102
2B32	Failed to print Electronic Filing document.	Electronic Filing printing failure: Specified document can not be printed because of client's access (being edited, etc.).	P. 5-102
2B50	Failed to process image.	Image library error	P. 5-102
2B51	Failed to process print image.	List library error	P. 5-102
2B71	Document(s) expire(s) in a few days	Documents expiring in a few days exist	-
2B80	Hard Disk space for Electronic Filing nearly full.	Hard disk space in /BOX partition is nearly full (90%).	-
2B90	Insufficient Memory.	Insufficient memory capacity	P. 5-102
2BA0	Invalid Box password specified.	Invalid Box password	P. 5-102
2BB0	Job canceled	Job canceling	-
2BB1	Power failure occurred	Power failure	P. 5-102
2BC0	System fatal error.	Fatal failure occurred	P. 5-102
2BC1	Failed to acquire resource.	System management module resource acquiring failure	P. 5-102
2BD0	Power failure occurred during e-Filing restoring.	Power failure occurred during restoring of Electronic Filing	P. 5-102
2BE0	Failed to get machine parameter.	Machine parameter reading failure	P. 5-103
2BF0	Maximum number of page range is reached.	Exceeding maximum number of pages	P. 5-103
2BF1	Maximum number of document range is reached.	Exceeding maximum number of documents	P. 5-103
2BF2	Maximum number of folder range is reached.	Exceeding maximum number of folders	P. 5-103

4) E-mail related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2C10	Illegal Job status	System access abnormality	P. 5-104
2C11	Not enough memory	Insufficient memory	P. 5-104
2C12	Illegal Job status	Message reception error	P. 5-104
2C13	Illegal Job status	Message transmission error	P. 5-104
2C14	Invalid parameter specified	Invalid parameter	P. 5-104
2C15	Message size exceeded limit or maximum size	Exceeding file capacity	P. 5-104
2C20	Illegal Job status	System management module access abnormality	P. 5-104
2C21	Illegal Job status	Job control module access abnormality	P. 5-104
2C22	Illegal Job status	Job control module access abnormality	P. 5-104
2C30	Failed to create directory	Directory creation failure	P. 5-104
2C31	Failed to create file	File creation failure	P. 5-104
2C32	Failed to delete file	File deletion failure	P. 5-104
2C33	Failed to create file	File access failure	P. 5-104
2C40	Failed to convert image file format	Image conversion abnormality	P. 5-104
2C60	Failed to process your Job. Insufficient disk space.	HDD full failure during processing	P. 5-104
2C61	Failed to read AddressBook	Address Book reading failure	P. 5-104
2C62	Not enough memory	Memory acquiring failure	P. 5-104
2C63	Invalid Domain Address	Terminal IP address unset	P. 5-104
2C64	Invalid Domain Address	Terminal mail address unset	P. 5-105
2C65	Failed to connect to SMTP server	SMTP address unset	P. 5-105
2C66	Failed to connect to SMTP server	Server time time-out error	P. 5-105
2C67	Failed to send E-Mail message	NIC time time-out error	P. 5-105
2C68	Failed to send E-Mail message	NIC access error	P. 5-105
2C69	Failed to connect to SMTP server	SMTP server connection error	P. 5-105
2C6A	Failed to send E-Mail message	HOST NAME error (No RFC error)	P. 5-105
2C6B	Invalid address specified in From: field	Terminal mail address error	P. 5-105
2C6C	Invalid address specified in To: field	Destination mail address error (No RFC error)	P. 5-105
2C6D	NIC system error	System error	P. 5-105
2C70	SMTP service is not available	SMTP client OFF	P. 5-105
2C71	Failed SMTP Authentication	SMTP authentication error	P. 5-105
2C72	POP Before SMTP Authentication Failed	POP before SMTP error	P. 5-105
2C80	Failed to process received E-mail job	E-mail transmission failure when processing E-mail job received	P. 5-105
2C81	Failed to process received Fax job	Process failure of FAX job received	P. 5-105
2CC0	Job canceled	Job canceling	-
2CC1	Power failure occurred	Power failure	P. 5-106

5) File sharing related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2D10	Illegal Job status	System access abnormality	P. 5-107
2D11	Not enough memory	Insufficient memory	P. 5-107
2D12	Illegal Job status	Message reception error	P. 5-107
2D13	Illegal Job status	Message transmission error	P. 5-107
2D14	Invalid parameter specified	Invalid parameter	P. 5-107
2D15	There are too many documents in the folder. Failed in creating new document.	Exceeding document number	P. 5-107
2D20	Illegal Job status	System management module access abnormality	P. 5-107
2D21	Illegal Job status	Job control module access abnormality	P. 5-107
2D22	Illegal Job status	Job control module access abnormality	P. 5-107
2D30	Failed to create directory	Directory creation failure	P. 5-107
2D31	Failed to create file	File creation failure	P. 5-107
2D32	Failed to delete file	File deletion failure	P. 5-107
2D33	Failed to create file	File access failure	P. 5-107
2D40	Failed to convert image file format	Image conversion abnormality	P. 5-107
2D60	Failed to copy file	File library access abnormality	P. 5-107
2D62	Failed to connect to network destination. Check destination path	File server connection error	P. 5-107
2D63	Specified network path is invalid. Check destination path	Invalid network path	P. 5-107
2D64	Logon to file server failed. Check username and password	Login failure	P. 5-108
2D65	There are too many documents in the folder. Failed in creating new document.	Exceeding documents in folder: Creating new document is failed.	P. 5-108
2D66	Failed to process your Job. Insufficient disk space.	HDD full failure during processing	P. 5-108
2D67	FTP service is not available	FTP service not available	P. 5-108
2D68	File Sharing service is not available	File sharing service not available	P. 5-108
2DA0	Expired scan documents deleted from share folder.	Periodical deletion of scanned documents completed properly.	-
2DA1	Expired Sent Fax documents deleted from shared folder.	Periodical deletion of transmitted FAX documents completed properly.	-
2DA2	Expired Received Fax documents deleted from shared folder.	Periodical deletion of received FAX documents completed properly.	-
2DA3	Scanned documents in shared folder deleted upon user's request.	Manual deletion of scanned documents completed properly.	-
2DA4	Sent Fax Documents in shared folder deleted upon user's request.	Manual deletion of transmitted FAX documents completed properly.	-
2DA5	Received Fax Documents in shared folder deleted upon user's request.	Manual deletion of received FAX documents completed properly.	-
2DA6	Failed to delete file.	File deletion failure	P. 5-107
2DA7	Failed to acquire resource.	Resource acquiring failure	P. 5-107
2DC0	Job canceled	Job canceling	-
2DC1	Power failure occurred	Power failure	P. 5-108

6) E-mail reception related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
3A10	MIME Error has been detected in the received mail.	E-mail MIME error	P. 5-109
3A11	MIME Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3A12	MIME Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109
3A20	Analyze Error has been detected in the received mail.	E-mail analysis error	P. 5-109
3A21	Analyze Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3A22	Analyze Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109
3A30	Whole partial mails were not reached by timeout.	Partial mail time-out error	P. 5-109
3A40	Partial Mail Error has been detected in the received mail.	Partial mail related error	P. 5-109
3A50	HDD Full Error has been occurred in this mail.	Insufficient HDD capacity error	P. 5-109
3A51	HDD Full Error has been occurred in this mail. This mail has been transferred to the administrator.		P. 5-109
3A52	HDD Full Error has been occurred in this mail. This mail could not be transferred to the administrator.		P. 5-109
3A60	HDD Full Warning has been occurred in this mail.	Warning of insufficient HDD capacity	P. 5-109
3A61	HDD Full Warning has been occurred in this mail. This mail could not be transferred to the administrator.		P. 5-109
3A62	HDD Full Warning has been occurred in this mail. This mail could not be transferred to the administrator.		P. 5-109
3A70	Receiving partial mail was aborted since the partial mail setting has been changed to Disable.	Warning of partial mail interruption	P. 5-109
3A80	Partial mail was received during the partial mail setting is disabled.	Partial mail reception setting OFF	P. 5-109
3A81	Partial mail was received during the partial mail setting is disabled. This mail has been transferred to the administrator.		P. 5-109
3A82	Partial mail was received during the partial mail setting is disabled. This mail could not be transferred to the administrator.		P. 5-109
3B10	Format Error has been detected in the received mail.	E-mail format error	P. 5-109
3B11	Format Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3B12	Format Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
3B20	Content-Type Error has been detected in the received mail.	Content-Type error	P. 5-109
3B21	Content-Type Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3B22	Content-Type Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109
3B30	Charset Error has been detected in the received mail.	Charset error	P. 5-109
3B31	Charset Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3B32	Charset Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109
3B40	Decode Error has been detected in the received mail.	E-mail decode error	P. 5-109
3B41	Decode Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3B42	Decode Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109
3C10	Tiff Analyze Error has been detected in the received mail.	TIFF analysis error	P. 5-109
3C11	Tiff Analyze Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3C12	Tiff Analyze Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109
3C13	Tiff Analyze Error has been detected in the received mail.		P. 5-109
3C20	Tiff Compression Error has been detected in the received mail.	E-mail format error	P. 5-109
3C21	Tiff Compression Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-109
3C22	Tiff Compression Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-109
3C30	Tiff Resolution Error has been detected in the received mail.	Content-Type error	P. 5-110
3C31	Tiff Resolution Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-110
3C32	Tiff Resolution Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-110

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
3C40	Tiff Paper Size Error has been detected in the received mail.	Charset error	P. 5-110
3C41	Tiff Paper Size Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-110
3C42	Tiff Paper Size Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-110
3C50	Offramp Destination Error has been detected in the received mail.	E-mail decode error	P. 5-110
3C51	Offramp Destination Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-110
3C52	Offramp Destination Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-110
3C60	Offramp Security Error has been detected in the received mail.	TIFF analysis error	P. 5-110
3C61	Offramp Security Error has been detected in the received mail. This mail has been transferred to the administrator.		P. 5-110
3C62	Offramp Security Error has been detected in the received mail. This mail could not be transferred to the administrator.		P. 5-110
3C70	Power Failure has been occurred in Email receiving.	Power failure error	P. 5-110
3D10	SMTP Destination Error has been detected in the received mail. This mail was deleted.	Destination address error	P. 5-110
3D20	Offramp Destination limitation Error has been detected in the received mail.	Offramp destination limitation error	P. 5-110
3D30	Fax Board Error has been occurred in the received mail.	FAX board error	P. 5-110
3E10	POP3 Connection Error has been occurred in the received mail.	POP3 server connection error	P. 5-110
3E20	POP3 Connection Timeout Error has been occurred in the received mail.	POP3 server connection time-out error	P. 5-110
3E30	POP3 Login Error has been occurred in the received mail.	POP3 login error	P. 5-110
3E40	POP3 Login Error occurred in the received mail.	POP3 login method error	P. 5-110
3F00	File I/O Error has been occurred in this mail. The mail could not be received until File I/O is recovered.	File I/O error	P. 5-110
3F10			P. 5-110
3F20			P. 5-110
3F30			P. 5-110
3F40			P. 5-110

2.1.4 Printer function error

Following codes are displayed at the end of the user name on the print job log screen.

Error code	Contents	Troubleshooting
402F	Page memory size error - 1200 dpi network print is performed by the equipment with 128 MB (standard) memory.	P. 5-111
4031	HDD full during print - Large quantity image data by private print or invalid network print are saved in HDD.	P. 5-111
4032	Private-print-only error: Jobs other than Private print jobs cannot be performed.	P. 5-111
4033	Printing data storing limitation error: Printing with its data being stored to the HDD temporarily (Proof print, Private print, Scheduled print, etc.) cannot be performed.	P. 5-111
4034	e-Filing storing limitation error: Printing with its data being stored to the HDD (print and e-Filing, print to e-Filing, etc.) cannot be performed.	P. 5-111
4035	Local file storing limitation error: Network FAX or Internet FAX cannot be sent when "Local" is selected for the destination of the file to save.	P. 5-111
4036	User authentication error: The user who intended to print a document is not registered as a user.	P. 5-111
A221	Print job cancellation - Print job (copy, list print, network print) is deleted from the print job screen.	P. 5-111
A222	Print job power failure - The power of the equipment is turned OFF during print job (copy, list print, network print).	P. 5-111
A290	Limit over error (Black): The numbers of output pages have exceeded those specified with both of the department code and the user code at the same time.	P. 5-111
A291	Limit over error (Black): The number of output pages has exceeded the one specified with the user code.	P. 5-111
A292	Limit over error (Black): The number of output pages has exceeded the one specified with the department code.	P. 5-111
A2A0	Limit over error (Color): The numbers of output pages have exceeded those specified with both of the department code and the user code at the same time.	P. 5-111
A2A1	Limit over error (Color): The number of output pages has exceeded the one specified with the user code.	P. 5-111
A2A2	Limit over error (Color): The number of output pages has exceeded the one specified with the department code.	P. 5-111

<<Error history>>

In the setting mode (08-253), the latest twenty groups of error data will be displayed.

Display example

<u>EA10</u>	<u>99999999</u>	<u>05 06 14 17 57 32</u>	<u>064</u>	<u>064</u>	<u>23621000000</u>
Error code	Total counter	YY MM DD HH MM SS	MMM	NNN	ABCDEFGHIJLO
4 digits	8 digits	12 digits (Year is indicated with its last two digits.)	3 digits	3 digits	11 digits

A	Paper source
	0: Not selected 1: Bypass feed 2: LCF 3: Upper drawer 4: Lower drawer 5: PFP upper drawer 6: PFP lower drawer 7: Unused 8: Unused
B	Paper size code
	0: A5/ST 1: A5-R 2: ST-R 3: LT, 4: A4 5: B5-R 6: LT-R 7: A4-R 8: OTHER/UNIV 9: B5, A: FOLIO/COMP B: LG C: B4 D: LD E: A3 F: 13"LG G: Unused H: A6-R I: Post card J: 8.5"SQ K: A3-wide L: 305×457 mm M: 8K N: 16K-R O: 16K Z: Not selected
C	Sort mode/staple mode
	0: Non-sort/Non-staple 1: Group 2: Sort 7: Front staple 8: Double staple 9: Rear staple A: Saddle stitch
D	ADF mode
	0: Unused 1: AUTO FEED (SADF) 2: STACK FEED
E	APS/AMS mode
	0: Not selected 1: APS 2: AMS
F	Duplex mode
	0: Not selected 1: Book 2: Double-sided/Single-sided 4: Double-sided/Duplex copying 8: Single-sided/Duplex copying
G	Unused
H	Image shift
	0: Unused 1: Book 2: Left 4: Right
I	Editing
	0: Unused 1: Masking 2: Trimming 3: Mirror image 4: Unused
J	Edge erase/Dual-page
	0: Unused 1: Edge erase 2: Dual-page 3: Edge erase & Dual-page
K	Unused
L	Function
	0: Unused 1: Copying 2: FAX/Internet FAX transmission 3: FAX/Internet FAX/E-mail reception printing 4: Unused 5: Printing/List print 6: Scan/E-mail transmission
MMM	Primary scanning reproduction ratio (Display in hexadecimal) (Mx256)+(Mx16)+M
NNN	Secondary scanning reproduction ratio (Display in hexadecimal) (Nx256)+(Nx16)+N
O	Color mode
	0: Auto color 1: Full color 2: Black 3: Unused 4: Twin color copy 5: Gray scale 6: Unused 7: Image smoothing



2.2 Self-diagnosis Modes

Mode	For start	Contents	For exit	Display
Control panel check mode	[0]+[1]+ [POWER]	All LEDs on the control panel are lit, and all the LCD pixels blink.	[POWER] OFF/ON	-
Test mode	[0]+[3]+ [POWER]	Checks the status of input/output signals.	[POWER] OFF/ON	100% C A4 TEST MODE
Test print mode	[0]+[4]+ [POWER]	Outputs the test patterns.	[POWER] OFF/ON	100% P A4 TEST PRINT
Adjustment mode	[0]+[5]+ [POWER]	Adjusts various items.	[POWER] OFF/ON	100% A A4 TEST MODE
Setting mode	[0]+[8]+ [POWER]	Sets various items.	[POWER] OFF/ON	100% D TEST MODE
List print mode	[9]+[START]+ [POWER]	Prints out the data lists of the codes 05 and 08, PM support mode and pixel counter.	[POWER] OFF/ON	100% UA A4 LIST PRINT
PM support mode	[6]+[START]+ [POWER]	Clears each counter.	[POWER] OFF/ON	100% K TEST MODE
Firmware update mode	[8]+[9]+ [POWER]	Performs updating of the system firmware.	[POWER] OFF/ON	-

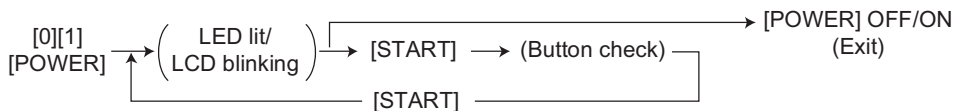
Notes:

- To enter the desired mode, turn ON the power while two digital keys designated to each mode (e.g. [0] and [5]) are pressed simultaneously.
- When the optional FAX unit is installed, Faxes received automatically during the self-diagnosis mode may not be printed out. Be sure to disconnect the modular code from the line connectors (LINE1, LINE2) of the equipment before starting the self-diagnosis mode. Also, be sure to finish the self-diagnosis mode by turning the power OFF and back ON before connecting the modular code.

To exit from Adjustment mode and Setting mode:
Shut down the equipment. When the power should be turned OFF, be sure to shut down the equipment by pressing the [ENERGY SAVER] button for a few seconds.

<Operation procedure>

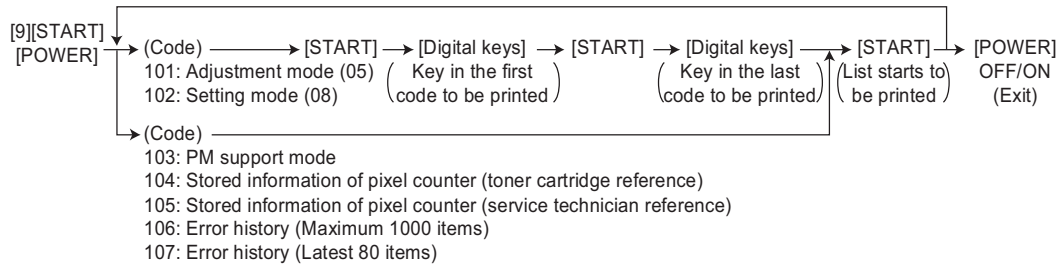
- Control panel check mode (01):



Notes:

- A mode can be canceled by [POWER] OFF/ON when the LED is lit and the LCD is blinking.
 - Button Check
 - Buttons with LED (Press to turn OFF the LED.)
 - Buttons without LED (Press to display the message on the control panel.)
 - Button on touch panel (Press to display the screen on the control panel at power-ON.)
- Test mode (03): Refer to “2.2.1. Input check (test mode 03)” and “2.2.2. Output check (test mode 03)”.
 - Test print mode (04): Refer to “2.2.3. Test print mode (04)”.
 - Adjustment mode (05): Refer to “2.2.4. Adjustment mode (05)”.
 - Setting mode (08): Refer to “2.2.5. Setting mode (08)”.

- List print mode (9S): The procedure varies depending on the code.



- PM support mode (6S):



- Firmware update mode (89): Refer to "6. FIRMWARE UPDATING".

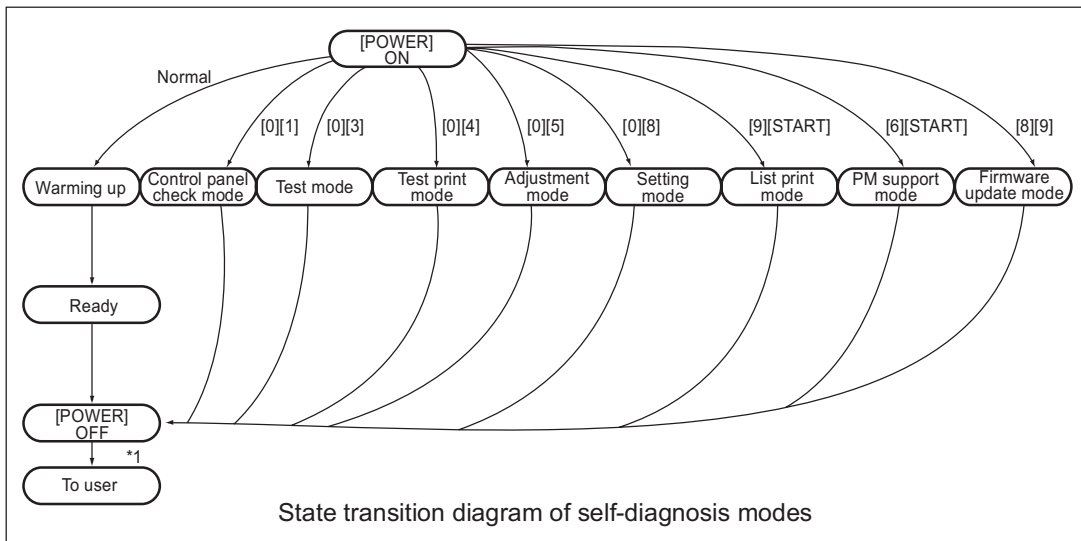


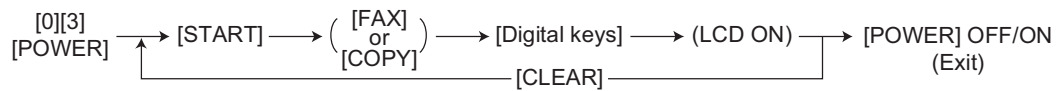
Fig. 2-1

*1 Turn OFF the power after using the self-diagnosis mode, and leave the equipment to the user.

2.2.1 Input check (Test mode 03)

The status of each input signal can be checked by pressing the [FAX] button, [COPY] button and the digital keys in the test mode (03).

<Operation procedure>



Note:

Initialization is performed before the equipment enters the test mode.

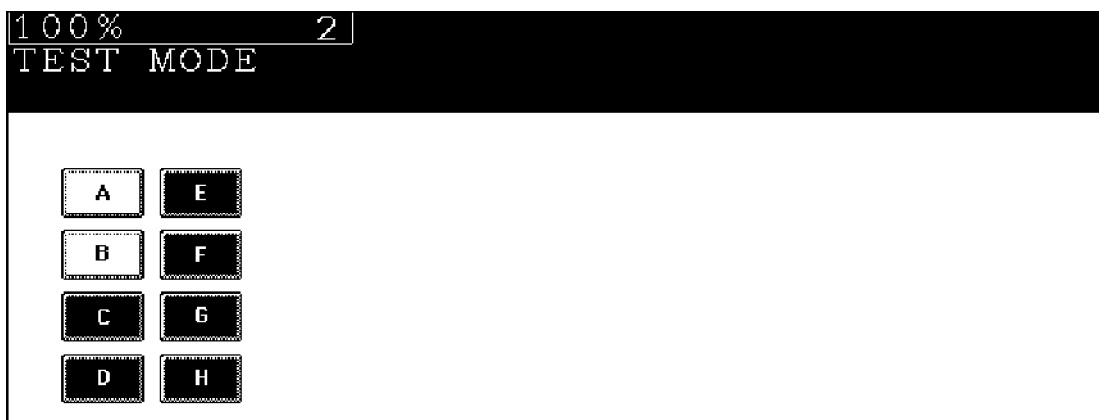






Fig. 2-2 Example of display during input check

Items to be checked and the condition of the equipment when the buttons [A] to [H] are highlighted are listed in the following pages.

[FAX] button: OFF/[COPY] button: OFF ([FAX] LED: OFF/[COPY] LED: OFF)

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[1]	A	Bypass unit connection	Not connected	Connected
	B	ADU connection	Not connected	Connected
	C	-	-	-
	D	LCF connection	Not connected	Connected
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	LCF drawer detection switch	Drawer not installed	Drawer present
[2]	A	PFP upper drawer detection switch	Drawer not installed	Drawer present
	B	-	-	-
	C	PFP upper drawer paper stock sensor	Paper almost empty	Paper present
	D	PFP upper drawer feed sensor	Paper present	No paper
	E	PFP connection	Not connected	Connected
	F	PFP side cover open/close switch	Cover opened	Cover closed
	G	PFP upper drawer empty sensor	No paper	Paper present
	H	PFP upper drawer tray-up sensor	Tray at upper limit position	Other than upper limit position
[3]	A	LCF tray bottom sensor	Tray at bottom position	Other than upper limit position
	B	LCF standby side paper misload detection sensor	Properly loaded	Paper misload
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	Paper stock sensor at LCF feed side	Paper present	No paper
[4]	A	PFP lower drawer detection switch	Drawer not installed	Drawer present
	B	-	-	-
	C	PFP lower drawer paper stock sensor	Paper almost empty	Paper present
	D	PFP lower drawer feed sensor	Paper present	No paper
	E	PFP motor rotation status (Motor is rotating at output mode (03))	Abnormal rotation	Normal rotation
	F	-	-	-
	G	PFP lower drawer empty sensor	No paper	Paper present
	H	PFP lower drawer tray-up sensor	Tray at upper limit position	Other than upper limit position

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[5]	A	LCF end fence home position sensor	Fence home position	Other than home position
	B	LCF end fence stop position sensor	Fence stop position	Other than stop position
	C	Empty sensor at LCF standby side	No paper	Paper present
	D	LCF side cover open/close switch	Cover closed	Cover opened
	E	LCF motor rotation status (Motor is rotating at output mode (03))	Abnormal rotation	Normal rotation
	F	LCF tray-up sensor	Tray at upper limit position	Other than upper limit position
	G	LCF feed sensor	No paper	Paper present
	H	Empty sensor at LCF feed side	No paper	Paper present
[6]	A	Lower drawer detection switch	Drawer not installed	Drawer present
	B	Upper drawer detection switch	Drawer not installed	Drawer present
	C	Lower drawer paper stock sensor	Paper almost empty	Paper present
	D	Upper drawer paper stock sensor	Paper almost empty	Paper present
	E	Lower drawer empty sensor	No paper	Paper present
	F	Upper drawer empty sensor	No paper	Paper present
	G	Lower drawer tray-up sensor	Tray at upper limit position	Other than upper limit position
	H	Upper drawer tray-up sensor	Tray at upper limit position	Other than upper limit position
[7]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	Side cover open/close switch	Cover opened	Cover closed
	F	Front cover opening/closing switch	Cover opened	Cover closed
	G	-	-	-
	H	Exit sensor	Paper present	No paper
[8]	A	Bypass feed paper width sensor 3 (Refer to table1)	Bit 1	Bit 0
	B	Bypass feed paper width sensor 2 (Refer to table1)	Bit 1	Bit 0
	C	Bypass feed paper width sensor 1 (Refer to table1)	Bit 1	Bit 0
	D	Bypass feed paper width sensor 0 (Refer to table1)	Bit 1	Bit 0
	E	Bypass sensor	No paper	Paper present
	F	ADU opening/closing switch	ADU opened	ADU closed
	G	ADU exit sensor	Paper present	No paper
	H	ADU entrance sensor	Paper present	No paper







Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[9]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	Key copy counter connection	Not connected	Connected
	G	-	-	-
	H	-	-	-
[0]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-



Table 1. Relation between the status of the bypass paper width sensor and paper size (width).

Bypass paper width sensor				Paper width size
3	2	1	0	
0	1	1	1	A3/LD
1	0	1	1	A4-R/LT-R
1	1	0	1	A5-R/ST-R
1	1	1	0	Card size
0	0	1	1	B4-R/LG
1	0	0	1	B5-R



[FAX] button: ON/[COPY] button: OFF ([FAX] LED: ON/[COPY] LED: OFF)



Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[1]	A	2nd transfer roller position detection sensor	Released	Contacted
	B	Black developer contact timing detection sensor	Releasing movement	Contacting movement
	C	Black developer contact position detection sensor	Released position	Contacted position
	D	Main motor rotation status (Motor is rotating at Output Mode (03))	Abnormal rotation	Normal rotation
	E	Developer motor rotation status (Motor is rotating at Output Mode (03))	Abnormal rotation	Normal rotation
	F	Transport motor rotation status (Motor is rotating at Output Mode (03))	Abnormal rotation	Normal rotation
	G	Polygonal motor rotation status (Motor is rotating at Output Mode (03))	Abnormal rotation	Normal rotation
	H	24V Power supply	Power OFF	Power ON
[2]	A	IPC board connection	Not connected	Connected
	B	Color toner cartridge sensor	Normally	Installation fault
	C	Revolver home position sensor	Home position	Other than home position
	D	-	-	-
	E	-	-	-
	F	Toner bag full detection sensor	Toner bag full	Not full
	G	Black auto-toner sensor connection	Not connected	Connected
	H	-	-	-
[3]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	Lower drawer feed sensor	No paper	Paper present
	H	Upper drawer feed sensor	Paper present	No paper
[4]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	Bridge unit connection	Not connected	Connected
	F	Color auto-toner sensor connection	Not connected	Connected
	G	-	-	-
	H	-	-	-

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[5]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	RADF connection	RADF connected	Not connected
	G	Platen sensor	Platen cove opened	Platen cover closed
	H	Carriage home position sensor	Home position	Other than home position
[6]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	APS sensor (APS-R)	No original	Original present
	E	APS sensor (APS-C)	No original	Original present
	F	APS sensor (APS-3)	No original	Original present
	G	APS sensor (APS-2)	No original	Original present
	H	APS sensor (APS-1)	No original	Original present
[7]	A	RADF tray sensor	Original present	No original
	B	RADF empty sensor	Original present	No original
	C	RADF jam access cover sensor	Cover opened	Cover closed
	D	RADF open/close sensor	RADF opened	RADF closed
	E	RADF exit sensor	Original present	No original
	F	RADF intermediate sensor	Original present	No original
	G	RADF read sensor	Original present	No original
	H	RADF registration sensor	Original present	No original
[8]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	RADF original length sensor	Original present	No original
	F	RADF original width sensor 1	Original present	No original
	G	RADF original width sensor 2	Original present	No original
	H	-	-	-
[9]	A	Black toner cartridge switch	Cartridge not installed	Cartridge installed
	B	-	-	-
	C	-	-	-
	D	Bypass feed sensor	No paper	Paper present
	E	Registration sensor	Paper present	No paper
	F	-	-	-
	G	-	-	-
	H	Transfer belt home position sensor	Home position	Other tha home position

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[0]	A	Bridge unit transport sensor 2	Paper present	No paper
	B	Bridge unit cover open/close detection switch	Cover opened	Cover closed
	C	Bridge unit transport sensor 1	Paper present	No paper
	D	Bridge unit paper full detection sensor	Paper not full	Paper full
	E	-	-	-
	F	Charger cleaner front position detection switch	Cleaner home position	Other than home position
	G	Charger cleaner rear position detection switch	Cleaner rear position	Other than rear position
	H	-	-	-

[FAX] button: OFF/[COPY] button: ON ([FAX] LED: OFF/[COPY] LED: ON)

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[1]	-	Temperature/humidity sensor (displays temperature inside of the equipment)	-	Temperature [°C]
[2]	-	Temperature/humidity sensor (displays humidity inside of the equipment)	-	Humidity [%RH]
[3]	-	Drum thermistor (displays drum surface temperature)	-	Temperature [°C]
[4]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-
[5]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-
[6]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-
[7]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-
[8]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. 	Normal display e.g. 
[9]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-
[0]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	Dongles for other equipments / Other USB devices	Connectable	Not connectable
	E	Judgement for acceptable USB storage device (*1)	Acceptable	Not acceptable
	F	-	-	-
	H	-	-	-

*1

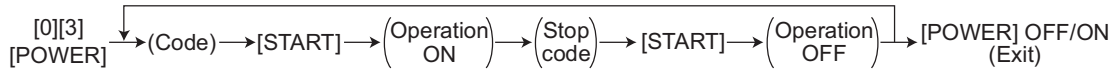
- Be sure to install the USB storage device to the equipment and check if the device can be used with this code.
- Be sure to turn OFF the write protection (the function to prevent data from erasure by the accidental recording or deleting) of the USB storage device before performing the check, otherwise this code cannot be used.
- It may take some time (2 sec. to 10 sec.) before this check is completed depending on the USB storage device.

2.2.2 Output check (test mode 03)

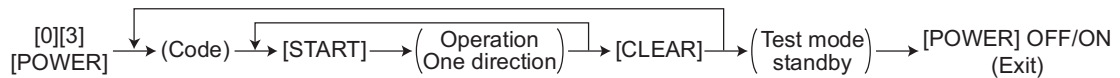
Status of the output signals can be checked by entering the following codes in the test mode 03.

<Operation procedure>

Procedure 1



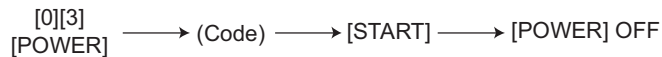
Procedure 2



Procedure 3



Procedure 4



Code	Function	Code	Function	Procedure
101	Main motor ON (Operational without black developer unit)	151	Code No.101 function OFF	1
102	Toner motor K (normal rotation) ON	152	Code No.102 function OFF	1
103	Polygonal motor (600dpi) ON	153	Code No.103 function OFF	1
108	Registration clutch ON	158	Code No.108 function OFF	1
109	PFP motor ON	159	Code No.109 function OFF	1
110	ADU motor ON	160	Code No.110 function OFF	1
112	Developer motor ON (Operational with black developer unit)	162	Code No.112 function OFF	1
115	Drum cleaning brush motor ON	165	Code No.115 function OFF	1
116	Transfer belt cleaner auger motor ON	166	Code No.116 function OFF	1
118	Laser ON	168	Code No.118 function OFF	1
120	Exit motor (normal rotation) ON	170	Code No.120 function OFF	1
121	Exit motor (reversal rotation) ON	171	Code No.121 function OFF	1
122	LCF motor ON	172	Code No.122 function OFF	1
123	Transport motor ON	173	Code No.123 function OFF	1
124	Toner motor K (reversal rotation) ON	174	Code No.124 function OFF	1
125	Color auto-toner sensor shutter solenoid ON (open)	175	Code No.125 function OFF	1
126	Color auto-toner sensor LED ON	176	Code No.126 function OFF	1

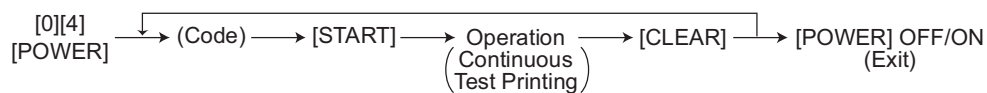
Code	Function	Procedure
201	Upper drawer feed clutch ON/OFF	3
202	Lower drawer feed clutch ON/OFF	3
203	Lower transport clutch (high speed) ON/OFF	3
204	Bypass feed clutch ON/OFF	3
205	Lower transport clutch (low speed) ON/OFF	3
206	LCF pickup solenoid ON/OFF	3
207	LCF end fence reciprocating movement	2
208	LCF end fence motor ON/OFF	3
209	LCF feed clutch ON/OFF	3
210	LCF transport clutch ON/OFF	3
218	Key copy counter count up	2
225	PFP transport clutch ON/OFF	3
226	PFP upper drawer feed clutch ON/OFF	3
228	PFP lower drawer feed clutch ON/OFF	3
232	Bridge unit gate solenoid ON/OFF	3
235	Discharge LED ON/OFF	3
241	IH board cooling fan (low speed) ON/OFF	3
242	Upper drawer tray-up motor ON (tray up)	2
243	Lower drawer tray-up motor ON (tray up)	2
248	Developer bias (Black) [+DC] ON/OFF	3
249	Developer bias (Black) [-DC] ON/OFF	3
252	Main charger ON/OFF	3
261	Scan motor ON (Automatically stops at limit position, speed can be changed by using ZOOM button)	2
264	SLG board cooling fan / Scanner unit cooling fan ON (high/low speed)	1
265	SLG board cooling fan / Scanner unit cooling fan OFF	1
267	Scanner exposure lamp ON/OFF	3
268	Laser unit cooling fan (high speed) ON/OFF	3
271	LCF tray-up motor UP/DOWN	2
278	PFP upper drawer tray-up motor ON (tray up)	2
280	PFP lower drawer tray-up motor ON (tray up)	2
281	RADF feed motor ON/OFF (normal rotation)	3
282	RADF feed motor ON/OFF (reverse rotation)	3
283	RADF read motor ON/OFF	3
284	RADF exit/reverse motor ON/OFF (normal rotation)	3
285	RADF exit/reverse motor ON/OFF (reverse rotation)	3
294	RADF reverse solenoid ON/OFF	3
295	Power OFF mode (for 200V series)	4
297	RADF fan motor ON/OFF	3
410	Power supply cooling fan (low speed) ON/OFF	3
411	Power supply cooling fan (high speed) ON/OFF	3
412	Internal cooling fan ON/OFF (low speed)	3

Code	Function	Procedure
413	Internal cooling fan ON/OFF (high speed)	3
416	IH board cooling fan (high speed) ON/OFF	3
417	Ozone exhaust fan (low speed) ON/OFF	3
418	Ozone exhaust fan (high speed) ON/OFF	3
419	Developer bias (Black) [AC] ON/OFF	3
420	Developer bias (Color) [+DC] ON/OFF	3
421	Developer bias (Color) [-DC1] ON/OFF	3
422	Developer bias (Color) [AC] ON/OFF	3
424	1st transfer roller bias [+] ON/OFF	3
425	1st transfer roller bias [-] ON/OFF	3
426	2nd transfer roller bias [+] ON/OFF	3
427	2nd transfer roller bias [-] ON/OFF	3
428	Drum cleaning blade bias ON/OFF	3
430	Image quality sensor shutter solenoid ON/OFF	3
431	Color developer drive clutch ON/OFF	3
432	Black developer drive clutch ON/OFF	3
433	Black developer lifting clutch ON/OFF	3
435	2nd transfer roller contact clutch ON/OFF	3
437	Transfer belt cleaner clutch ON/OFF	3
439	Upper transport clutch (high speed) ON/OFF	3
440	Upper transport clutch (low speed) ON/OFF	3
442	Color developer toner supply clutch ON/OFF	3
450	Revolver motor ON/OFF (printing operation)	3
451	Revolver motor operation (at standby position)	2
452	Revolver motor operation (at toner cartridge Y access position)	2
453	Revolver motor operation (at toner cartridge M access position)	2
454	Revolver motor operation (at toner cartridge C access position)	2
455	Revolver motor operation (at developer unit Y access position)	2
456	Revolver motor operation (at developer unit M access position)	2
457	Revolver motor operation (at developer unit C access position)	2
458	Revolver motor operation (at home position)	2
459	Revolver motor operation (at developing position)	2
460	Black developer unit lifting movement ON/OFF (continuous lifting movement)	3
461	Charger cleaner motor movement (one reciprocating movement)	2

2.2.3 Test print mode (test mode 04)

The embedded test pattern can be printed out by keying in the following codes in the test print mode (04).

<Procedure 1>



<Procedure 2>



Notes:

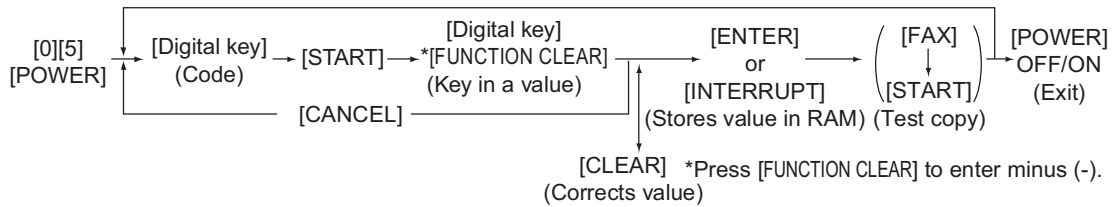
1. When an error occurs, it is indicated on the panel, but the recovery operation is not performed.
Turn OFF the power and then back ON to clear the error.
2. During test printing, the [CLEAR] button is disabled when "Wait adding toner" is displayed.

Code	Types of test pattern	Remarks	Remarks
142	Grid pattern (black)	Pattern width: 2 dots, Pitch: 10 mm	1
204	Grid pattern (color)	Pattern width: 1 dot, Pitch: 10 mm	2
219	6% test pattern		2
220	8% test pattern		2
231	Secondary scanning direction 33 gradation steps	3 pixels standard, Width: 10 mm	2
237	Halftone		2
250	Test pattern for KCMY secondary scanning position adjustment	For color deviation check	1
262	Pattern for jitter evaluation (4 lines ON / 4 lines OFF)	1 pixel standard, for color deviation correction	2
270	Image quality control test pattern	For checking the image quality control	2

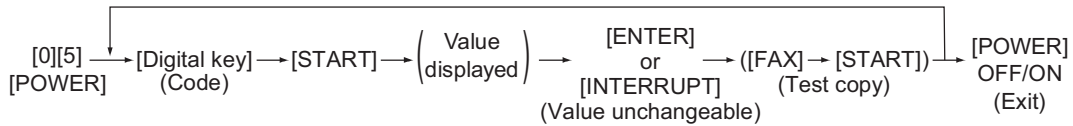
2.2.4 Adjustment mode (05)

Items in the adjustment mode list in the following pages can be corrected or changed in this adjustment mode (05). Turn ON the power with pressing the digital keys [0] and [5] simultaneously in order to enter this mode. When the power should be turned OFF, be sure to shut down the equipment by pressing the [ENERGY SAVER] button for a few seconds.

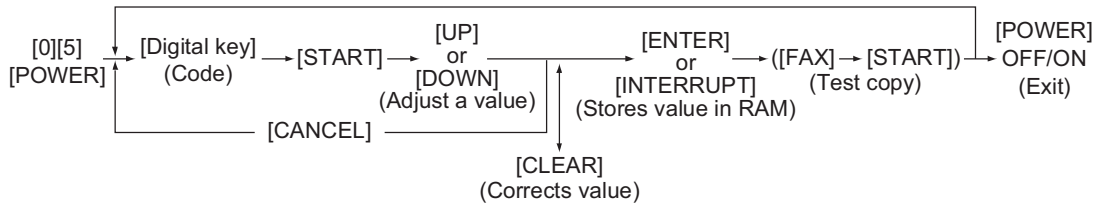
Procedure 1



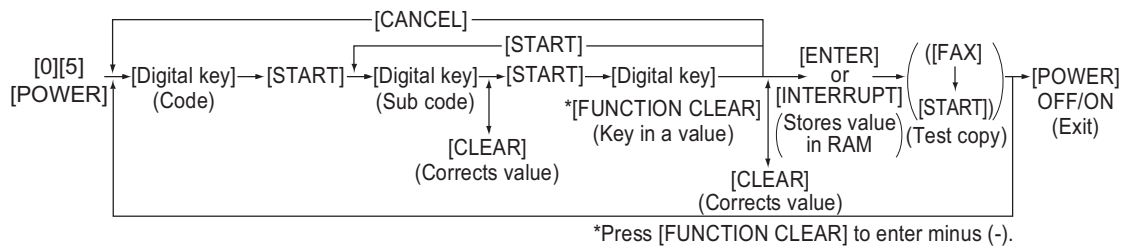
Procedure 2



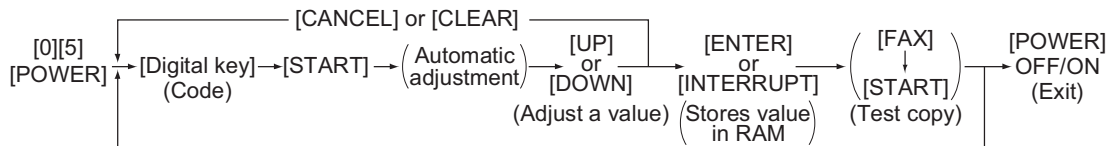
Procedure 3



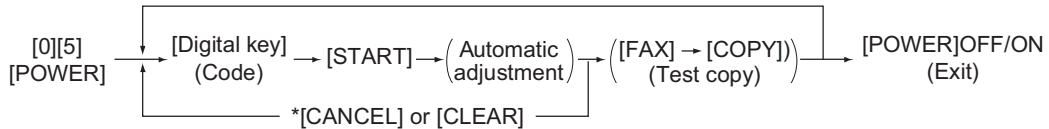
Procedure 4



Procedure 5

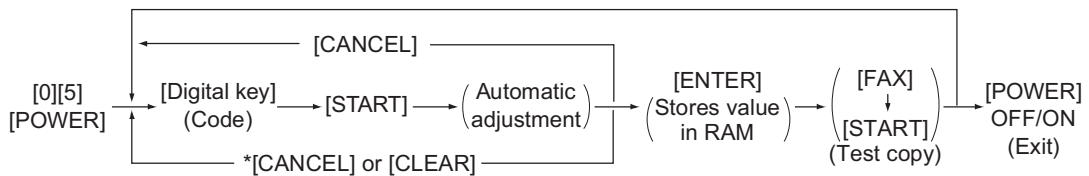


Procedure 6



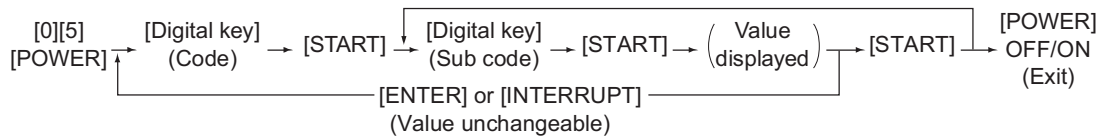
- * When the automatic adjustment ends abnormally, an error message is displayed.
- * Return to standby screen by pressing the [CANCEL] or [CLEAR] button.

Procedure 7

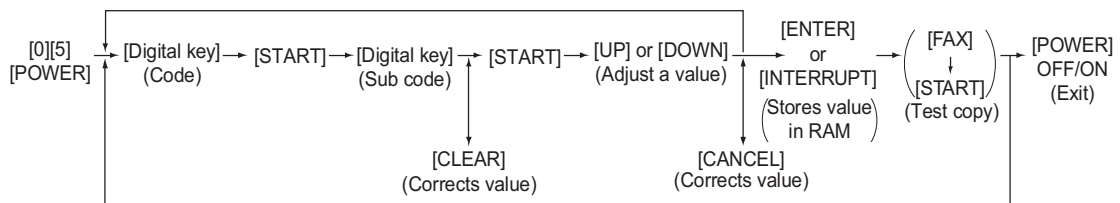


- * When the automatic adjustment ends abnormally, an error message is displayed.
- * Return to standby screen by pressing the [CANCEL] or [CLEAR] button.

Procedure 10



Procedure 14



Note:

The fuser roller temperature control at the adjustment mode is different from that at the normal state. Therefore, the problem of fusing efficiency may be occurred in the test copy at the adjustment mode. In that case, turn ON the power normally, leave the equipment for approx. 3 minutes after it has become ready state and then start up the adjustment mode again.

Test print pattern in Adjustment Mode (05)

Operation:

One test print is printed out when the [FAX] button is pressed after the code is keyed in at Standby Screen.

Code	Types of test pattern	Remarks
1	Grid pattern (Black)	Refer to 3.4.3 Printer related adjustment
3	Grid pattern (Black/Duplex printing)	Refer to 3.4.3 Printer related adjustment
4	For gamma adjustment (Color/Black integrated pattern)	Refer to 3.5.1 Automatic gamma adjustment
5	For gamma adjustment (Color)	Refer to 3.5.1 Automatic gamma adjustment
6	For gamma adjustment (Black)	For checking the gradation reproduction
7	For gamma adjustment (Color)	For checking the gradation reproduction
10	For gamma adjustment (Black)	Refer to 3.5.1 Automatic gamma adjustment
12	Secondary scanning direction 33 gradation steps (Y)	For checking the image of printer section
13	Secondary scanning direction 33 gradation steps (M)	For checking the image of printer section
14	Secondary scanning direction 33 gradation steps (C)	For checking the image of printer section
15	Secondary scanning direction 33 gradation steps (K)	For checking the image of printer section
47	Gamma adjustment for printer (PS/ 600 x 600 dpi)	Refer to 3.6.1 Automatic gamma adjustment
48	Gamma adjustment for printer (PS/ 1,200 x 600 dpi)	Refer to 3.6.1 Automatic gamma adjustment
49	Gamma adjustment for printer (PCL/ 600 x 600 dpi)	Refer to 3.6.1 Automatic gamma adjustment
50	Gamma adjustment for printer (PCL/ 1,200 x 600 dpi)	Refer to 3.6.1 Automatic gamma adjustment
51	Gamma checking for printer (PS/ 600 x 600 dpi)	For checking the gradation reproduction
52	Gamma checking for printer (PS/ 1,200 x 600 dpi)	For checking the gradation reproduction
55	Grid pattern (Full Color / Thick paper 2)	Refer to 3.4.2 Paper alignment at the registration roller
56	Grid pattern (Full Color / Thick paper 3)	Refer to 3.4.2 Paper alignment at the registration roller
57	Grid pattern (Full Color / OHP)	Refer to 3.4.2 Paper alignment at the registration roller
58	Grid pattern (Black / Thick paper 2)	Refer to 3.4.2 Paper alignment at the registration roller
59	Grid pattern (Black / Thick paper 3)	Refer to 3.4.2 Paper alignment at the registration roller
60	Grid pattern (Black / OHP)	Refer to 3.4.2 Paper alignment at the registration roller
62	For color deviation correction (Full Color)	Only for A3/LD size
63	For color deviation correction (Full Color)	Only for A3/LD size
64	For color deviation correction (Full Color)	Only for A3/LD size
68	For color deviation correction (Full Color)	Only for A4/LT size
69	For color deviation correction (Full Color)	Only for A4/LT size

Notes:

1. The digit after the hyphen in "Code" of the following table is a sub code.
2. In "RAM", the NVRAM of the board in which the data of each code is stored is indicated. "M" stands for the LGC board and "SYS" stands for the SYS board.

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
200	Development	Initialization of color auto-toner sensor light amount correction target value	All (Y,M,C,K)	ALL	- <0-255>	M	The value starts changing approx. 3 minutes after this adjustment started. The value is automatically set during this adjustment (approx. 2 minutes). (As the value increases, the sensor output increases correspondingly.) (Chap. 3.2)	5
201			Y	ALL	- <0-255>	M		5
202			M	ALL	- <0-255>	M		5
203			C	ALL	- <0-255>	M		5
204			K	ALL	- <0-255>	M		5
206			YMC	ALL	- <0-255>	M		5
207	Development	Initialization of color auto-toner sensor light amount correction target value		ALL (color)	-	M	Initializes the color auto-toner sensor light amount correction target value.	6
208	Development	Enforced correction of color auto-toner sensor light amount		ALL (color)	-	M	Performs the color auto-toner sensor light amount correction forcibly.	6
210	Transfer	1st transfer roller bias output adjustment (When not transferred)		ALL	225 <0-225>	M	When the value decreases, the 1st transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08- 541, 549 and 551) is 0 (invalid).	3
224	Transfer	2nd transfer roller bias output adjustment (When cleaning the roller [+])		ALL	147 <0-187>	M	When the value decreases, the 2nd transfer roller bias output increases.	3
225	Transfer	2nd transfer roller bias output adjustment (When cleaning the roller [-])		ALL	229 <188-255>	M	When the value decreases, the 2nd transfer roller bias output increases.	3
226	Transfer	2nd transfer roller bias output adjustment (Paper interval/When not transferred)		ALL	191 <188-255>	M	When the value decreases, the 2nd transfer roller bias output increases.	3
227-0	Transfer	2nd transfer roller bias output adjustment (Plain paper)	Single side	ALL (black)	159 <0-187>	M	When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08- 544, 549 and 551) is 0 (invalid).	14
227-1			Reverse side at duplexing	ALL (black)	134 <0-187>	M		14
227-2			Single side	ALL (color)	147 <0-187>	M		14
227-3			Reverse side at duplexing	ALL (color)	128 <0-187>	M		14

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
229-0	Transfer	2nd transfer roller bias output adjustment (Thick paper 1)	Single side	ALL (black)	144 <0-187>	M	When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid).	14
229-1			Reverse side at duplexing	ALL (black)	119 <0-187>	M		14
229-2			Single side	ALL (color)	125 <0-187>	M		14
229-3			Reverse side at duplexing	ALL (color)	112 <0-187>	M		14
230-0	Transfer	2nd transfer roller bias output (Thick paper 2)		ALL (black)	153 <0-187>	M	When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid).	14
230-1				ALL (color)	150 <0-187>	M		14
231-0	Transfer	2nd transfer roller bias output (Thick paper 3)		ALL (black)	131 <0-187>	M	When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid).	14
231-1				ALL (color)	131 <0-187>	M		14
232-0	Transfer	2nd transfer roller bias output (OHP film)		ALL (black)	119 <0-187>	M	When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid).	14
232-1				ALL (color)	119 <0-187>	M		14
234-0	Transfer	2nd transfer roller bias offsetting adjustment (Plain paper)	Single side	ALL (black)	5 <0-10>	M	Sets the offset amount of 2nd transfer roller bias. 0: -500V 1: -400V 2: -300V 3: -200V 4: -100V 5: 0V 6: +100V 7: +200V 8: +300V 9: +400V 10: +500V	4
234-1			Reverse side at duplexing	ALL (black)	5 <0-10>	M		4
234-2			Single side	ALL (color)	5 <0-10>	M		4
234-3			Reverse side at duplexing	ALL (color)	5 <0-10>	M		4
236-0	Transfer	2nd transfer roller bias offsetting adjustment (Thick paper 1)	Single side	ALL (black)	5 <0-10>	M	Sets the offset amount of 2nd transfer roller bias. 0: -500V 1: -400V 2: -300V 3: -200V 4: -100V 5: 0V 6: +100V 7: +200V 8: +300V 9: +400V 10: +500V	4
236-1			Reverse side at duplexing	ALL (black)	5 <0-10>	M		4
236-2			Single side	ALL (color)	5 <0-10>	M		4
236-3			Reverse side at duplexing	ALL (color)	5 <0-10>	M		4

Adjustment mode (05)									
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure	
237-0	Transfer	2nd transfer roller bias off-setting adjustment (Thick paper 2)		ALL (black)	5 <0-10>	M	Sets the offsetting amount of 2nd transfer roller bias. 0: -1,000V 1: -800V 2: -600V 3: -400 V 4: -200V 5: 0 V 6: +200V 7: +400V 8: +600V 9: +800 V 10: +1,000V	4	
237-1				ALL (color)	5 <0-10>	M		4	
238-0	Transfer	2nd transfer roller bias off-setting adjustment (Thick paper 3)		ALL (black)	5 <0-10>	M		4	
238-1				ALL (color)	5 <0-10>	M		4	
239-0	Transfer	2nd transfer roller bias off-setting adjustment (OHP film)		ALL (black)	5 <0-10>	M		4	
239-1				ALL (color)	5 <0-10>	M		4	
241	Main charger	Main charger grid bias adjustment		Y	ALL	78 <0-255>	M	As the value increases, the transformer output increases. The adjustment value becomes effective only when the setting mode (08-549, 551, 556, 557) is 0 (invalid).	3
242				M	ALL	84 <0-255>	M		3
243				C	ALL	87 <0-255>	M		3
244				K	ALL	94 <0-255>	M		3
245	Transfer	1st transfer roller bias off-setting		ALL (black)	5 <0-10>	M	Sets the offsetting amount of 1st transfer roller bias. 0: -500 V 1: -400 V 2: -300 V 3: -200 V 4: -100 V 5: 0 V 6: +100 V 7: +200 V 8: +300 V 9: +400 V 10: +500 V	1	
247	Transfer	Temperature/humidity sensor Humidity display		ALL	50 <0-100>	M	The humidity of the inside of the equipment is displayed. [Unit: RH%]	2	
248	Transfer	Drum thermistor Temperature displa		ALL	23 <0-100>	M	The ambient temperature of the drum surface is displayed. [Unit: °C]	2	
250	Transfer	1st transfer roller bias output voltage		+Low	ALL	4000 <3600-4400>	M	Transformer output setting of the 1st transfer roller bias. When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V)	1
251				+High	ALL	400 <280-520>	M		1
252	Transfer	2nd transfer roller bias output voltage		+Low	ALL	6000 <5400-6600>	M	Transformer output setting of the 2nd transfer roller bias (plus output). When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V)	1
253				+High	ALL	500 <350-650>	M		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
254	Transfer	2nd transfer roller bias output voltage	-Low	ALL	-500 <-9999-0>	M	Transformer output setting of the 2nd transfer roller bias (minus output). When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V)	1
255			-High	ALL	-2000 <-9999-0>	M		1
270	Transfer	Temperature/humidity sensor Temperature display		ALL	23 <0-100>	M	The temperature of the inside of the equipment is displayed. [Unit: °C]	2
275	Transfer	2nd transfer roller bias actual value (When cleaning the roller)	(+)	ALL	147 <0-255>	M	Displays the value of 2nd transfer roller bias when printing is operated.	2
276			(-)	ALL	229 <0-255>	M		2
277-0	Transfer	2nd transfer roller bias actual value display (Plain paper)	Single side	ALL (black)	159 <0-187>	M	Displays the value of 2nd transfer roller bias when printing is operated.	10
277-1			Reverse side at duplexing	ALL (black)	134 <0-187>	M		10
277-2			Single side	ALL (color)	147 <0-187>	M		10
277-3			Reverse side at duplexing	ALL (color)	128 <0-187>	M		10
279-0	Transfer	2nd transfer roller bias actual value display (Thick paper 1)	Single side	ALL (black)	144 <0-187>	M	Displays the value of 2nd transfer roller bias when printing is operated.	10
279-1			Reverse side at duplexing	ALL (black)	119 <0-187>	M		10
279-2			Single side	ALL (color)	125 <0-187>	M		10
279-3			Reverse side at duplexing	ALL (color)	112 <0-187>	M		10
281	Transfer	1st transfer roller bias resistance detection control		ALL	- <0-255>	M	The RMS value of the main charger grid bias is displayed..	2
284	Transfer	Transfer belt cleaning unit contact timing adjustment		ALL	141 <88-168>	M	When the value increases, the contact timing of transfer belt cleaning unit is delayed.	1
285	Transfer	Transfer belt cleaning unit release timing adjustment		ALL	121 <88-168>	M	When the value increases, the release timing of transfer belt cleaning unit is delayed.	1
290-0	Transfer	2nd transfer roller bias off-setting adjustment (Thick paper 2)		ALL (black)	153 <0-187>	M	Displays the value of 2nd transfer roller bias when printing is operated.	10
290-1				ALL (color)	150 <0-187>	M		10

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
291-0	Transfer	2nd transfer roller bias off-setting adjustment (Thick paper 3)		ALL (black)	131 <0-187>	M	Displays the value of 2nd transfer roller bias when printing is operated.	10
291-1				ALL (color)	131 <0-187>	M		10
292-0	Transfer	2nd transfer roller bias off-setting adjustment (OHP film)		ALL (black)	119 <0-187>	M	Displays the value of 2nd transfer roller bias when printing is operated.	10
292-1				ALL (color)	119 <0-187>	M		10
293-0	Transfer	2nd transfer roller bias correction of leading/trailing edge of paper	Plain paper	ALL	85 <0-255>	M	Corrects the 2nd transfer roller bias output of leading/trailing edge of paper (05-227, 229, 230, 231 and 232). Correcting factor: %	14
293-1			Thick paper 1	ALL	75 <0-255>	M		14
293-2			Thick paper 2	ALL	80 <0-255>	M		14
293-3			Thick paper 3	ALL	80 <0-255>	M		14
293-4			OHP film	ALL	80 <0-255>	M		14
294-0			Transfer	Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Plain paper)	Single side	ALL (black)		164 <0-255>
294-1	Reverse side at duplexing	ALL (black)			142 <0-255>	M	10	
294-2	Single side	ALL (color)			153 <0-255>	M	10	
294-3	Reverse side at duplexing	ALL (color)			137 <0-255>	M	10	
296-0	Transfer	Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Thick paper 1)	Single side	ALL (black)	155 <0-255>	M		10
296-1			Reverse side at duplexing	ALL (black)	136 <0-255>	M		10
296-2			Single side	ALL (color)	141 <0-255>	M		10
296-3			Reverse side at duplexing	ALL (color)	131 <0-255>	M		10
297-0	Transfer	Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Thick paper 2)		ALL (black)	160 <0-255>	M		10
297-1				ALL (color)	158 <0-255>	M		10
298-0	Transfer	Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Thick paper 3)		ALL (black)	142 <0-255>	M		10
298-1				ALL (color)	143 <0-255>	M		10
299-0	Transfer	Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (OHP film)		ALL (black)	133 <0-255>	M	Displays the value of 2nd transfer roller bias on the leading/trailing edge of paper when printing is performed. (The value corrected in 05-293 is displayed.)	10
299-1				ALL (color)	133 <0-255>	M		10

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
305	Scanner	Image location adjustment of secondary scanning direction (scanner section)	ALL	124 <92-164>	SYS	When the value increases by "1", the image shifts by approx. 0.137 mm toward the trailing edge of the paper.	1	
306	Scanner	Image location adjustment of secondary scanning direction (scanner section)	ALL	113 <0-255>	SYS	When the value increases by "1", the image shifts by approx. 0.0423 mm toward the front side of the paper.	1	
308	Scanner	Distortion mode	ALL	-	-	Moves carriages to the adjusting position. (Chap. 3.4.4)	6	
330-0	Image control	Image quality closed-loop control contrast voltage correction/ Mode 2 maximum number of time corrected	Y	ALL	3 <0-255>	M	Sets the maximum correction number of time of the contrast voltage in the closed-loop control mode 2.	4
330-1			M	ALL	3 <0-255>	M		4
330-2			C	ALL	3 <0-255>	M		4
330-3			K	ALL	3 <0-255>	M		4
331-0	Image control	Image quality closed-loop control laser power correction/ Mode 2 maximum number of time corrected	Y	ALL	2 <0-255>	M	Sets the maximum correction number of time of the laser power in the closed-loop control mode 2.	4
331-1			M	ALL	2 <0-255>	M		4
331-2			C	ALL	2 <0-255>	M		4
331-3			K	ALL	2 <0-255>	M		4
332-0	Image control	Image quality closed-loop control contrast voltage correction/ Mode 1 maximum number of time corrected	Y	ALL	1 <0-255>	M	Sets the maximum correction number of time of the contrast voltage in the closed-loop control mode 1.	4
332-1			M	ALL	1 <0-255>	M		4
332-2			C	ALL	1 <0-255>	M		4
332-3			K	ALL	1 <0-255>	M		4
333-0	Image control	Image quality closed-loop control laser power correction/ Mode 1 maximum number of time corrected	Y	ALL	1 <0-255>	M	Sets the maximum correction number of time of the laser power in the closed-loop control mode 1.	4
333-1			M	ALL	1 <0-255>	M		4
333-2			C	ALL	1 <0-255>	M		4
333-3			K	ALL	1 <0-255>	M		4
334	Image control	Main charger grid calibration voltage 1 (low)	ALL	300 <210-390>	M	Transformer output calibration of the main charger grid bias. When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V)	1	
335	Image control	Main charger grid calibration voltage 2 (high)	ALL	1000 <900-1100>	M		1	

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
338	Image control	Color developer bias DC (-) calibration voltage 1 (low)		ALL	100 <70-130>	M	Transformer output calibration of the color developer bias. When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V)	1
339	Image control	Color developer bias DC (-) calibration voltage 2 (high)		ALL	900 <810-990>	M		1
340	Scanner	Reproduction ratio adjustment of secondary scanning direction (scanner section)		ALL	127 <0-255>	SYS	When the value increases by "1", the reproduction ratio in the secondary scanning direction (vertical to paper feeding direction) increases by approx. 0.223%.	1
350	Scanner	Shading position adjustment	Original glass	ALL	128 <118-138>	SYS	0.1369 mm/step	1
351			RADF	ALL	128 <118-138>	SYS		
354	RADF	Adjustment of RADF paper alignment	for single-sided original	ALL	10 <0-20>	SYS	When the value increases by "1", the aligning amount increases by approx. 0.5 mm.	1
355			for double-sided original	ALL	10 <0-20>	SYS		1
357	RADF	Fine adjustment of RADF transport speed		ALL	50 <0-100>	SYS	When the value increases by "1", the reproduction ratio of the secondary scanning direction on original (fed from the RADF) increases by approx. 0.1%.	1
358	RADF	RADF sideways deviation adjustment		ALL	128 <0-255>	SYS	When the value increases by "1", the image of original fed from the RADF shifts toward the rear side of paper by approx. 0.0423 mm.	1
359	Scanner	Carriage position adjustment during scanning from RADF		ALL (black)	128 <0-255>	SYS	When the value increases by "1", the carriage position shifts by approx. 0.1 mm toward the exit side when using the RADF.	1
360				ALL (color)	128 <0-255>	SYS		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
361	Scanner	Log table switching for RADF copying		ALL (color)	0 <0-4>	SYS	0: Same log table as the one used at copying with original glass 1: Background reproduction - Light 2 2: Background reproduction - Light 1 3: Background reproduction - Dark 1 4: Background reproduction - Dark 2	1
362				ALL (black)	0 <0-4>	SYS	0: Same log table as the one used at copying with original glass 1: Background reproduction - Light 2 2: Background reproduction - Light 1 3: Background reproduction - Dark 1 4: Background reproduction - Dark 2	1
363	Scanner	Data transfer of characteristic value of scanner / SYS board → SLG board		SCN	-	SYS	Transfers the characteristic values of the scanner (shading correction factor / RGB color correction / reproduction ratio color aberration correction) from the NVRAM of the SYS board to the NVRAM of the SLG board.	6
364	Scanner	Data transfer of characteristic value of scanner / SLG board → SYS board		SCN	-	SYS	Transfers the characteristic values of the scanner (shading correction factor / RGB color correction / reproduction ratio color aberration correction) from the NVRAM of the SLG board to the NVRAM of the SYS board.	6
365	RADF	RADF leading edge position 1 adjustment	for single-sided original	ALL	50 <0-100>	SYS	When the value increases by "1", the copied image of original shifts toward the trailing edge of paper by approx. 0.1 mm.	1
366			for double-sided original	ALL	50 <0-100>	SYS		1

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
367	RADF	RADF original guide width adjustment (Minimum)	ALL	-	-	Stores the current width of RADF original guide by keying in this code with the guide set at the minimum width. Perform this adjustment when the RADF board or volume is replaced, or when the code (05-356) is performed.	6	
368	RADF	RADF original guide width adjustment (Maximum)	ALL	-	-	Stores the current width of RADF original guide by keying in this code with the guide set at the maximum width. Perform this adjustment when the RADF board or volume is replaced, or when the code (05-356) is performed.	6	
372	Image control	Black developer bias DC (-) calibration voltage 1 (low)	ALL	100 <70-130>	M	Transformer output calibration of the black developer bias. When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V)	1	
373	Image control	Black developer bias DC (-) calibration voltage 2 (high)	ALL	900 <810-990>	M		1	
380-0	Image control	Image quality open-loop control/ contrast voltage initial value display	Y	ALL	320 <0-999>	M	Displays the contrast voltage initial value set by the open-loop control. (Unit: V)	10
380-1			M	ALL	330 <0-999>	M		10
380-2			C	ALL	340 <0-999>	M		10
380-3			K	ALL	375 <0-999>	M		10
381-0	Image control	Contrast voltage actual value display	Y	ALL	320 <0-999>	M	Displays the contrast voltage when printing is operated. (Unit: V)	10
381-1			M	ALL	330 <0-999>	M		10
381-2			C	ALL	340 <0-999>	M		10
381-3			K	ALL	375 <0-999>	M		10
382-0	Image control	Image quality open-loop control/ laser power initial value display	Y	ALL	408 <0-999>	M	Displays the laser power initial value set by the open-loop control. (Unit: μW)	10
382-1			M	ALL	408 <0-999>	M		10
382-2			C	ALL	408 <0-999>	M		10
382-3			K	ALL	408 <0-999>	M		10

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
383-0	Image control	Laser power actual value display	Y	ALL	92 <0-255>	M	Displays the laser power when printing is operated. (bit value)	10
383-1			M	ALL	92 <0-255>	M		10
383-2			C	ALL	92 <0-255>	M		10
383-3			K	ALL	92 <0-255>	M		10
384-0	Image control	Laser power actual value display	Y	ALL	408 <0-999>	M	Displays the laser power when printing is operated. (Unit: μW)	10
384-1			M	ALL	408 <0-999>	M		10
384-2			C	ALL	408 <0-999>	M		10
384-3			K	ALL	408 <0-999>	M		10
385-0	Image control	Main charger grid bias actual value display	Y	ALL	78 <0-255>	M	Displays the main charger grid bias when printing is operated. (bit value)	10
385-1			M	ALL	84 <0-255>	M		10
385-2			C	ALL	87 <0-255>	M		10
385-3			K	ALL	94 <0-255>	M		10
386-0	Image control	Developer bias DC (-) actual value display	Y	ALL	135 <0-255>	M	Displays the developer bias when printing is operated. (bit value)	10
386-1			M	ALL	137 <0-255>	M		10
386-2			C	ALL	139 <0-255>	M		10
386-3			K	ALL	146 <0-255>	M		10
388	Image control	Output value display of image quality sensor	When the light source is OFF	ALL	0 <0-1023>	M	Displays the output value of image quality sensor when the sensor light source is OFF.	2
389			Transfer belt surface	ALL	0 <0-1023>	M	Displays the output value of image quality sensor (when there is no test pattern) on the transfer belt.	2
390-0			Highdensity pattern Y	ALL	0 <0-1023>	M	Displays the output value of image quality sensor when a high-density test pattern is written. The larger the value is, the smaller the toner amount adhered becomes.	10
390-1			Highdensity pattern M	ALL	0 <0-1023>	M		10
390-2			Highdensity pattern C	ALL	0 <0-1023>	M		10
390-3			Highdensity pattern K	ALL	0 <0-1023>	M		10

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
391-0	Image control	Output value display of image quality sensor	Lowdensity pattern Y	ALL	0 <0-1023>	M	Displays the output value of image quality sensor when a low-density test pattern is written. The larger the value is, the smaller the toner amount adhered becomes.	10
391-1			Lowdensity pattern M	ALL	0 <0-1023>	M		10
391-2			Lowdensity pattern C	ALL	0 <0-1023>	M		10
391-3			Lowdensity pattern K	ALL	0 <0-1023>	M		10
392	Image control	Light amount adjustment result of image quality sensor		ALL	0 <0-255>	M	The LED light amount adjustment value of this sensor is the reference value to set the reflected light from the belt surface.	2
393	Image control	Relative humidity display during latest closed-loop control		ALL	0 <0-100>	M	Displays the relative humidity at the latest performing of the closed-loop control.	2
394	Image control	Enforced performing of image quality open-loop control		ALL	-	-	Performs the image quality open-loop control.	6
395	Image control	Enforced performing of image quality closed-loop control		ALL	-	M	Performs the image quality closedloop control.	6
396	Image control	Image quality control initialization		ALL	-	M	Performs the image quality control, initialize each control value.	6
398-0	Image control	Target value of the high image density control	Y	ALL	265 <220-360>	M	Sets the target value of high image density control at the time of the image quality control.	4
398-1			M	ALL	300 <220-360>	M		4
398-2			C	ALL	320 <220-360>	M		4
398-3			K	ALL	370 <300-420>	M		4
401	Laser	Fine adjustment of polygonal motor rotation speed (reproduction ratio adjustment)		PRT	134 <0-255>	M	When the value increases by "1", the reproduction ratio of primary scanning direction increases by approx. 0.07%. (approx. 0.1 mm/step)	1
405				PPC	135 <0-255>	M		1
410	Laser	Adjustment of primary scanning laser writing start position		PPC	128 <0-255>	M	When the value increases by "1", the writing start position shifts to the front side by approx. 0.0423 mm.	1
411				PRT	120 <0-255>	M		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
417-0	Image	Color deviation correction 1 (A3/LD)	K	ALL	128 <118-138>	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.	4
417-1			C	ALL	128 <118-138>	M		4
417-2			M	ALL	128 <118-138>	M		4
417-3			Y	ALL	128 <118-138>	M		4
418-0	Image	Color deviation correction 2 (A3/LD)	K	ALL	128 <118-138>	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.	4
418-1			C	ALL	128 <118-138>	M		4
418-2			M	ALL	128 <118-138>	M		4
418-3			Y	ALL	128 <118-138>	M		4
421	Drive	Adjustment of secondary scanning direction reproduction ratio (fine adjustment of main motor speed)	PPC/PRT		127 <0-255>	M	When the value increases by "1", the reproduction ratio of secondary scanning direction increases by approx. 0.04%.	1
422			FAX		144 <0-255>	M		1
424	Drive	Fine adjustment of exit motor speed	PPC/PRT		JPN: 140 Others: 128 <0-255>	M	When the value increases by "1", the rotation becomes faster by approx. 0.05%.	1
425			FAX		128 <0-255>	M		1
426	Drive	Adjustment of secondary scanning direction reproduction ratio (fine adjustment of transport motor speed)	PPC/PRT		153 <0-255>	M	When the value increases by "1", the reproduction ratio of secondary scanning direction increases by approx. 0.04%.	1
427			FAX		128 <0-255>	M		1

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
430	Image	Top margin adjustment (blank area at the leading edge of the paper))	PPC	26 <0-255>	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	
431	Image	Left margin adjustment (blank area at the left of the paper along the paper feeding direction)	PPC	0 <0-255>	M		1	
432	Image	Right margin adjustment (blank area at the right of the paper along the paper feeding direction)	PPC	15 <0-255>	M		1	
433	Image	Bottom margin adjustment (blank area at the trailing edge of the paper)	PPC	43 <0-255>	M		1	
434-0	Image	Bottom margin adjustment (blank area at the trailing edge of the paper) /Reverse side at duplexing	PPC/ PRT	EUR: 45 UC: 28 JPN: 28 Others: 45 <0-255>	M		4	
434-1	Image	Right margin adjustment (blank area at the right of the paper along the paper feeding direction) /Reverse side at duplexing	PPC/ PRT	18 <0-255>	M		4	
435	Image	Top margin adjustment (blank area at the leading edge of the paper)	PRT	24 <0-255>	M		1	
436	Image	Left margin adjustment (blank area at the left of the paper along the paper feeding direction)	PRT	0 <0-255>	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	
437	Image	Right margin adjustment (blank area at the right of the paper along the paper feeding direction)	PRT	0 <0-255>	M		1	
438	Image	Bottom margin adjustment (blank area at the trailing edge of the paper)	PRT	0 <0-255>	M		1	
439	Image	Bottom margin adjustment (blank area at the trailing edge of the paper along the paper feeding direction) when paper size is not specified at bypass feed	ALL	128 <0-255>	M	When the value increases by "1", the margin increases by approx. 0.2 mm.	1	
440	Laser	Secondary scanning laser writing start position	Upper drawer	ALL	21 <0-40>	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.2 mm.	1
441			Lower drawer	ALL	47 <0-80>	M		1
442			Bypass feeding	ALL	22 <0-40>	M		1
443			LCF	ALL	20 <0-40>	M		1
444			PFP	ALL	20 <0-40>	M		1
445			Duplex feeding	ALL	21 <0-40>	M		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
448-0	Paper feeding	Paper aligning amount adjustment at the registration section (PFP upper drawer / Plain paper)	Long size	ALL	15 <0-63>	M	When the value increases by "1", the aligning amount increases by approx. 0.8 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 204 mm or shorter	4
448-1			Middle size	ALL	15 <0-63>	M		4
448-2			Short size 1	ALL	15 <0-63>	M		4
448-3			Short size 2	ALL	15 <0-63>	M		4
449-0	Paper feeding	Paper aligning amount adjustment at the registration section (PFP lower drawer / Plain paper)	Long size	ALL	15 <0-63>	M		4
449-1			Middle size	ALL	15 <0-63>	M		4
449-2			Short size 1	ALL	15 <0-63>	M		4
449-3			Short size 2	ALL	15 <0-63>	M		4
450-0	Paper feeding	Paper aligning amount adjustment at the registration section (Upper drawer / Plain paper)	Long size	ALL	18 <0-63>	M		4
450-1			Middle size	ALL	18 <0-63>	M		4
450-2			Short size 1	ALL	18 <0-63>	M		4
450-3			Short size 2	ALL	18 <0-63>	M		4
452-0	Paper feeding	Paper aligning amount adjustment at the registration section (Lower drawer / Plain paper)	Long size	ALL	18 <0-63>	M	When the value increases by "1", the aligning amount increases by approx. 0.8 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 204 mm or shorter	4
452-1			Middle size	ALL	18 <0-63>	M		4
452-2			Short size 1	ALL	15 <0-63>	M		4
452-3			Short size 2	ALL	15 <0-63>	M		4

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
455-0	Paper feeding	Paper aligning amount adjustment at the registration section (Duplex feeding / Plain paper)	Long size	ALL	8 <0-63>	M	When the value increases by "1", the aligning amount increases by approx. 0.8 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size: 219 mm or shorter * Postcard is supported only for JPN model.	4
455-1			Middle size	ALL	8 <0-63>	M		4
455-2			Short size	ALL	12 <0-63>	M		4
457	Paper feeding	Paper aligning amount adjustment at the registration section (LCF / Plain paper)		ALL	15 <0-63>	M		1
458-0	Paper feeding	Paper aligning amount adjustment at the registration section (Bypass feeding/Plain paper)	Long size	ALL	14 <0-63>	M		4
458-1			Middle size	ALL	14 <0-63>	M		4
458-2			Short size	ALL	14 <0-63>	M		4
460-0	Paper feeding	Paper aligning amount adjustment at the registration section (Bypass feeding/Thick paper 1)	Long size	ALL	16 <0-63>	M		4
460-1			Middle size	ALL	16 <0-63>	M		4
460-2			Short size	ALL	16 <0-63>	M		4
461-0	Paper feeding	Paper aligning amount adjustment at the registration section (Bypass feeding/Thick paper 2)	Long size	ALL	17 <0-63>	M		4
461-1			Middle size	ALL	17 <0-63>	M		4
461-2			Short size	ALL	17 <0-63>	M		4
462-0	Paper feeding	Paper aligning amount adjustment at the registration section (Bypass feeding/Thick paper 3)	Long size	ALL	17 <0-63>	M		4
462-1			Middle size	ALL	17 <0-63>	M		4
462-2			Short size	ALL	17 <0-63>	M		4
462-3			Post card	ALL	16 <0-63>	M		4
463-0	Paper feeding	Paper aligning amount adjustment at the registration section (Bypass feeding/OHP film)	Long size	ALL	16 <0-63>	M		4
463-1			Middle size	ALL	16 <0-63>	M		4
463-2			Short size	ALL	16 <0-63>	M		4

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
466-0	Paper feeding	Adjustment of paper pushing amount / Bypass feeding	Plain paper	ALL	143 <0-255>	M	When the value increases by "1", the driving speed of bypass feed roller increases by approx. 2 ms when the paper transport is started from the registration section. * Post card is supported only for JPN model.	4
466-1			Post card	ALL	170 <0-255>	M		4
466-4			Thick paper 1	ALL	143 <0-255>	M		4
466-5			Thick paper 2	ALL	143 <0-255>	M		4
466-6			Thick paper 3	ALL	143 <0-255>	M		4
466-7			OHP film	ALL	143 <0-255>	M		4
467			Paper feeding	Adjustment of paper pushing amount/Duplex feeding (short size)		ALL		128 <0-255>
468-0	Finisher	Fine adjustment of binding position/ folding position	A4-R /LT-R	ALL	0 <-14-14>	M	When the value increases by "1", the binding/folding position shifts toward the right page by 0.25 mm.	4
468-1			B4	ALL	0 <-14-14>	M		4
468-2			A3/LD	ALL	0 <-14-14>	M		4
469-0	Paper feeding	Paper aligning amount adjustment at the registration section (Upper drawer / Thick paper 1)	Long size	ALL	18 <0-63>	M	When the value increases by "1", the aligning amount increases by approx. 0.8 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 204 mm or shorter	4
469-1			Middle size	ALL	18 <0-63>	M		4
469-2			Short size 1	ALL	18 <0-63>	M		4
469-3			Short size 2	ALL	18 <0-63>	M		4
470-0	Paper feeding	Paper aligning amount adjustment at the registration section (Lower drawer / Thick paper 1)	Long size	ALL	15 <0-63>	M		4
470-1			Middle size	ALL	15 <0-63>	M		4
470-2			Short size 1	ALL	15 <0-63>	M		4
470-3			Short size 2	ALL	15 <0-63>	M		4
471-0	Paper feeding	Paper aligning amount adjustment at the registration section (PFP upper drawer / Thick paper 1)	Long size	ALL	15 <0-63>	M		4
471-1			Middle size	ALL	15 <0-63>	M		4
471-2			Short size 1	ALL	15 <0-63>	M		4
471-3			Short size 2	ALL	15 <0-63>	M		4

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
472-0	Paper feeding	Paper aligning amount adjustment at the registration section (PFP lower drawer / Thick paper 1)	Long size	ALL	15 <0-63>	M	When the value increases by "1", the aligning amount increases by approx. 0.8 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size: 219 mm or shorter Short size 1: 205 mm to 219 mm Short size 2: 204 mm or shorter * Post card is supported only for JPN model.	4
472-1			Middle size	ALL	15 <0-63>	M		4
472-2			Short size 1	ALL	15 <0-63>	M		4
472-3			Short size 2	ALL	15 <0-63>	M		4
473	Paper feeding	Paper aligning amount adjustment at the registration section (LCF / Thick paper 1)		ALL	15 <0-63>	M		1
474-0	Paper feeding	Paper aligning amount adjustment at the registration section (ADU / Thick paper 1)	Long size	ALL	8 <0-63>	M		4
474-1			Middle size	ALL	8 <0-63>	M		4
474-2			Short size	ALL	12 <0-63>	M		4
475-0	Paper feeding	Paper aligning amount adjustment at the registration section (Bypass feeding)	Thick paper 2 Long size	ALL	28 <0-63>	M		4
475-1			Thick paper 2 Middle size	ALL	28 <0-63>	M		4
475-2			Thick paper 2 Short size	ALL	28 <0-63>	M		4
475-3			Thick paper 3 Long size	ALL	28 <0-63>	M		4
475-4			Thick paper 3 Middle size	ALL	28 <0-63>	M		4
475-5			Thick paper 3 Short size	ALL	28 <0-63>	M		4
475-6			OHP film Long size	ALL	24 <0-63>	M		4
475-7			OHP film Middle size	ALL	24 <0-63>	M		4
475-8			OHP film Short size	ALL	24 <0-63>	M		4
475-9			Post card	ALL	28 <0-63>	M		4

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
494	Laser	Secondary scanning data laser writing start position	When decelerating to 1/2	ALL	135 <0-255>	M	When the value increases by "1", the image shifts by approx. 0.2 mm toward the trailing edge of the paper.	1
495			When decelerating to 1/3	ALL	135 <0-255>	M		1
496			When decelerating to 1/4	ALL	140 <0-255>	M		1
497-0	Laser	Adjustment of drawer sideways deviation	Upper drawer	ALL	128 <0-255>	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4
497-1			Lower drawer	ALL	128 <0-255>	M		4
497-2			PFP upper drawer	ALL	128 <0-255>	M		4
497-3			PFP lower drawer	ALL	128 <0-255>	M		4
497-4			LCF	ALL	128 <0-255>	M		4
497-5			Bypass feeding	ALL	128 <0-255>	M		4
498-0	Laser	Adjustment of duplex feeding sideways deviation	Long size	ALL	131 <0-255>	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4
498-1			Short size (A4/LT or smaller)	ALL	131 <0-255>	M		4
499	Development	Black developer unit lift up/down timing adjustment		ALL	2 <0-255>	M	Change the lift up/down timing of the black developer unit when a CEB0 error occurs. (Chap. 3.11.3)	1
501	Image	Density adjustment Fine adjustment of "manual density" /Center value	Photo	PPC (black)	128 <0-255>	SYS	When the value increases, the image of the center step density becomes darker.	1
503			Text/Photo	PPC (black)	128 <0-255>	SYS		1
504			Text	PPC (black)	128 <0-255>	SYS		1
505	Image	Density adjustment Fine adjustment of "manual density" /Light step value	Text/Photo	PPC (black)	20 <0-255>	SYS	Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "light" steps becomes lighter.	1
506			Photo	PPC (black)	20 <0-255>	SYS		1
507			Text	PPC (black)	20 <0-255>	SYS		1
508	Image	Density adjustment Fine adjustment of "manual density" /Dark step value	Text/Photo	PPC (black)	20 <0-255>	SYS	Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "dark" steps becomes darker.	1
509			Photo	PPC (black)	20 <0-255>	SYS		1
510			Text	PPC (black)	20 <0-255>	SYS		1

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
512	Image	Density adjustment Fine adjustment of "automatic density"	Photo	PPC (black)	128 <0-255>	SYS	When the value increases, the image becomes darker.	1
514			Text/Photo	PPC (black)	128 <0-255>	SYS		1
515			Text	PPC (black)	128 <0-255>	SYS		1
532	Image	Range correction Background peak adjustment	Text/Photo	PPC (black)	40 <0-255>	SYS	When the value increases, the background of the image (low density area) becomes harder to be printed out.	1
533			Photo	PPC (black)	16 <0-255>	SYS		1
534			Text	PPC (black)	40 <0-255>	SYS		1
570	Image	Range correction on original manually set on the original glass	Text/Photo	PPC (black)	22 <11-14, 21-24, 31-34, 41-44>	SYS	Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively. 1: fixed/fixed 2: varied/fixed 3: fixed/varied 4: varied/varied * Background peak/ Text peak	1
571			Photo	PPC (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
572			Text	PPC (black)	22 <11-14, 21-24, 31-34, 41-44>	SYS		1
580	Image	Automatic gamma adjustment	PPC (black)	-	-	Adjusts the gradation reproduction automatically.	7	

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
590-0	Image	Adjustment of gamma balance (Text/Photo)	L	PPC (black)	128 <0-255>	SYS	When the value increases, the density in the target area becomes higher. L : Low density area M : Medium density area H : High density area	4
590-1			M	PPC (black)	128 <0-255>	SYS		4
590-2			H	PPC (black)	128 <0-255>	SYS		4
591-0	Image	Adjustment of gamma balance (Text)	L	PPC (black)	128 <0-255>	SYS		4
591-1			M	PPC (black)	128 <0-255>	SYS		4
591-2			H	PPC (black)	128 <0-255>	SYS		4
592-0	Image	Adjustment of gamma balance (Photo)	L	PPC (black)	128 <0-255>	SYS		4
592-1			M	PPC (black)	128 <0-255>	SYS		4
592-2			H	PPC (black)	128 <0-255>	SYS		4
596-0	Image	Adjustment of gamma balance (PS/Smooth)	L	PRT (black)	128 <0-255>	SYS	4	
596-1			M	PRT (black)	128 <0-255>	SYS	4	
596-2			H	PRT (black)	128 <0-255>	SYS	4	
597-0	Image	Adjustment of gamma balance (PS/Detail)	L	PRT (black)	128 <0-255>	SYS	When the value increases, the density in the target area becomes higher. L: Low density area M: Medium density area H : High density area	4
597-1			M	PRT (black)	128 <0-255>	SYS		4
597-2			H	PRT (black)	128 <0-255>	SYS		4
598-0	Image	Adjustment of gamma balance (PCL/Smooth)	L	PRT (black)	128 <0-255>	SYS		4
598-1			M	PRT (black)	128 <0-255>	SYS		4
598-2			H	PRT (black)	128 <0-255>	SYS		4
599-0	Image	Adjustment of gamma balance (PCL/Detail)	L	PRT (black)	128 <0-255>	SYS		4
599-1			M	PRT (black)	128 <0-255>	SYS		4
599-2			H	PRT (black)	128 <0-255>	SYS		4
600	Image	Background adjustment	Text/Photo	PPC (black)	5 <1-9>	SYS	When the value decreases, the background becomes darker. When the value increases, the background becomes lighter.	1
601			Text	PPC (black)	5 <1-9>	SYS		1
602			Photo	PPC (black)	5 <1-9>	SYS		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
604	Image	Sharpness adjustment	Text/Photo	PPC (black)	0 <0-31>	SYS	When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes. * The default value 0 is equivalent to 16 (center value).	1
605			Text	PPC (black)	0 <0-31>	SYS		1
606			Photo	PPC (black)	0 <0-31>	SYS		1
648	Image	Adjustment of smudged/faint text	Text/Photo	PPC (black)	30 <0-255>	SYS	Adjustment of the smudged/faint text. With increasing the value, the faint text is suppressed, and with decreasing it, the smudged text is suppressed.	1
654	Image	Adjustment of smudged/faint text	PS	PRT (black)	5 <0-9>	SYS	When the value decreases, the width of text becomes wider.	1
655			PCL	PRT (black)	5 <0-9>	SYS		1
663	Image	Dot size adjustment in black printing		PRT (black)	255 <0-255>	SYS	Adjusts the dot size of primary scanning direction in black printing. The smaller the value is, the dot becomes smaller.	1
664	Image	Upper limit in toner saving mode	PS	PRT (black)	176 <0-255>	SYS	When the value decreases, the printing density becomes lighter.	1
665			PCL	PRT (black)	176 <0-255>	SYS		1
667-0	Image	Setting beam level conversion	Beam level 0/4	PPC (black)	0 <0-255>	M	Sets the beam level for 4 divided smoothing. The primary scanning direction is divided into 4 and the dot width is set at the 5 levels (incl. level "0"). The smaller the value is, the smaller the primary scanning direction of the dot becomes.	4
667-1			Beam level 1/4	PPC (black)	63 <0-255>	M		4
667-2			Beam level 2/4	PPC (black)	127 <0-255>	M		4
667-3			Beam level 3/4	PPC (black)	191 <0-255>	M		4
667-4			Beam level 4/4	PPC (black)	255 <0-255>	M		4

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
693	Image	Range correction on original set on the RADF	Text/Photo	PPC (black)	22 <11-14, 21-24, 31-34, 41-44>	SYS	Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively. 1: fixed/fixed 2: varied/fixed 3: fixed/varied 4: varied/varied * Background peak/ Text peak	1
694			Photo	PPC (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
695			Text	PPC (black)	22 <11-14, 21-24, 31-34, 41-44>	SYS		1
700	Image	Adjustment of binarized threshold (Text)	Center value	FAX (black)	125 <0-255>	SYS	When the value increases, the image of center value density becomes darker.	1
701			Light step value	FAX (black)	20 <0-255>	SYS		1
702			Dark step value	FAX (black)	20 <0-255>	SYS		1
710	Image	Density adjustment "manual density" fine adjustment/ Center value	Photo	FAX (black)	128 <0-255>	SYS	When the value increases, the image of the center step density becomes darker.	1
714			Text/Photo	FAX (black)	128 <0-255>	SYS		1
715	Image	Density adjustment "manual density" fine adjustment/ Light step value	Photo	FAX (black)	20 <0-255>	SYS	Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "light" steps becomes lighter.	1
719			Text/Photo	FAX (black)	20 <0-255>	SYS		1
720	Image	Density adjustment "manual density" fine adjustment/ Dark step value	Photo	FAX (black)	20 <0-255>	SYS	Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "dark" steps becomes darker.	1
724			Text/Photo	FAX (black)	20 <0-255>	SYS		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
725	Image	Density adjustment "automatic density" fine adjustment	Photo	FAX (black)	128 <0-255>	SYS	When the value increases, the image becomes darker.	1
729			Text/Photo	FAX (black)	128 <0-255>	SYS		1
825	Image	Range correction on original manually set on the original glass	Text/Photo	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS	Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively. 1: fixed/fixed 2: varied/fixed 3: fixed/varied 4: varied/varied * Background peak/ Text peak	1
826			Text	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
827			Photo	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
828			Gray scale	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
830	Image	Range correction on original set on the RADF	Text/Photo	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS	Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively. 1: fixed/fixed 2: varied/fixed 3: fixed/varied 4: varied/varied * Background peak/ Text peak	1
831			Text	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
832			Photo	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
833			Gray scale	SCN (black)	12 <11-14, 21-24, 31-34, 41-44>	SYS		1
835	Image	Range correction Back-ground peak adjustment	Text/Photo	SCN (black)	56 <0-255>	SYS	When the value increases, the background of the image (low density area) becomes harder to be printed out.	1
836			Text	SCN (black)	48 <0-255>	SYS		1
837			Photo	SCN (black)	16 <0-255>	SYS		1
838			Gray scale	SCN (black)	32 <0-255>	SYS		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
840	Image	Sharpness adjustment	Text/Photo	SCN (black)	0 <0-31>	SYS	When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes. * The default value 0 is equivalent to 16 (center value).	1
841			Text	SCN (black)	0 <0-31>	SYS		1
842			Photo	SCN (black)	0 <0-31>	SYS		1
843			Gray scale	SCN (black)	0 <0-31>	SYS		1
845	Image	Density adjustment "manual density" fine adjustment/ Center value	Text/Photo	SCN (black)	128 <0-255>	SYS	When the value increases, the image becomes darker.	1
846			Text	SCN (black)	128 <0-255>	SYS		1
847			Photo	SCN (black)	128 <0-255>	SYS		1
848	Image	Fine adjustment of background / Center value		SCN (black)	128 <0-255>	SYS	When the value increases, the background becomes darker.	1
850	Image	Density adjustment "manual density" fine adjustment/ Light step value	Text/Photo	SCN (black)	20 <0-255>	SYS	When the value increases, the image of the "light" steps becomes lighter.	1
851			Text	SCN (black)	20 <0-255>	SYS		1
852			Photo	SCN (black)	20 <0-255>	SYS		1
853	Image	Fine adjustment of background / Light step value (Image smoothing)		SCN (black)	50 <0-255>	SYS	Sets the changing amount by 1 step at background adjustment. When the value increases, the background of the "light" steps becomes lighter.	1
855	Image	Density adjustment "manual density" fine adjustment/ Dark step value	Text/Photo	SCN (black)	20 <0-255>	SYS	When the value increases, the image of the "dark" steps becomes darker.	1
856			Text	SCN (black)	20 <0-255>	SYS		1
857			Photo	SCN (black)	20 <0-255>	SYS		1
858	Image	Fine adjustment of background / Dark step value (Image smoothing)		SCN (black)	50 <0-255>	SYS	Sets the changing amount by 1 step at background adjustment. When the value increases, the background of the "dark" steps becomes darker.	1
860	Image	Density adjustment "automatic density" fine adjustment	Text/Photo	SCN (black)	128 <0-255>	SYS	When the value increases, the image becomes darker.	1
861			Text	SCN (black)	128 <0-255>	SYS		1
862			Photo	SCN (black)	128 <0-255>	SYS		1

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
880-0	Image	Adjustment of gamma balance (Text/Photo)	L	SCN (black)	128 <0-255>	SYS	When the value increases, the density in the target area becomes higher. L: Low density area M: Medium density area H: High density area	4
880-1			M	SCN (black)	128 <0-255>	SYS		4
880-2			H	SCN (black)	128 <0-255>	SYS		4
881-0	Image	Adjustment of gamma balance (Text)	L	SCN (black)	128 <0-255>	SYS		4
881-1			M	SCN (black)	128 <0-255>	SYS		4
881-2			H	SCN (black)	128 <0-255>	SYS		4
882-0	Image	Adjustment of gamma balance (Photo)	L	SCN (black)	128 <0-255>	SYS	4	
882-1			M	SCN (black)	128 <0-255>	SYS	4	
882-2			H	SCN (black)	128 <0-255>	SYS	4	
883-0	Image	Adjustment of gamma balance (Gray scale)	L	SCN (black)	128 <0-255>	SYS	4	
883-1			M	SCN (black)	128 <0-255>	SYS	4	
883-2			H	SCN (black)	128 <0-255>	SYS	4	
884	Image	Reproduction ratio fine adjustment of primary scanning direction		SCN (black)	128 <0-255>	SYS	When the value increases by "1", the reproduction ratio of primary scanning direction increases by approx. 0.1%. Effective with the resolution other than 600 dpi.	1
953-0	Image	Color deviation correction 3 (A4/LT)	K	ALL	128 <118-138>	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.	4
953-1			C	ALL	128 <118-138>	M		4
953-2			M	ALL	128 <118-138>	M		4
953-3			Y	ALL	128 <118-138>	M		4

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
954-0	Image	Color deviation correction 4 (A4/LT)	K	ALL	128 <118-138>	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.	4
954-1			C	ALL	128 <118-138>	M		4
954-2			M	ALL	128 <118-138>	M		4
954-3			Y	ALL	128 <118-138>	M		4
955-0	Image	Color deviation correction 5 (A4/LT)	K	ALL	128 <118-138>	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.	4
955-1			C	ALL	128 <118-138>	M		4
955-2			M	ALL	128 <118-138>	M		4
955-3			Y	ALL	128 <118-138>	M		4
956-0	Image	Color deviation correction 6 (A4/LT)	K	ALL	128 <118-138>	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.	4
956-1			C	ALL	128 <118-138>	M		4
956-2			M	ALL	128 <118-138>	M		4
956-3			Y	ALL	128 <118-138>	M		4
976	Maintenance	Equipment number (serial number) display		ALL	-	SYS	When this adjustment is performed with this code, the setting code (08-995) is also performed automatically. (10 digits)	1
1000	Image	Automatic gamma adjustment	PS/ 600x600 dpi	PRT (color)	-	SYS	Adjusts the gradation reproduction for each color, Y, M, C and K.	7
1001			PS/ 1200x600 dpi	PRT (color)	-	SYS		7
1002			PCL/ 600x600 dpi	PRT (color)	-	SYS		7
1003			PCL/ 1200x600 dpi	PRT (color)	-	SYS		7

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1010-0	Image	Color balance adjustment for "Y" (PS/ 600x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS	The target color, mode and density area become darker as the value increases. L: Low density area M: Medium density area H: High density area	4
1010-1			M	PRT (color)	128 <0-255>	SYS		4
1010-2			H	PRT (color)	128 <0-255>	SYS		4
1011-0	Image	Color balance adjustment for "M" (PS/ 600x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1011-1			M	PRT (color)	128 <0-255>	SYS		4
1011-2			H	PRT (color)	128 <0-255>	SYS		4
1012-0	Image	Color balance adjustment for "C" (PS/ 600x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1012-1			M	PRT (color)	128 <0-255>	SYS		4
1012-2			H	PRT (color)	128 <0-255>	SYS		4
1013-0	Image	Color balance adjustment for "K" (PS/ 600x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1013-1			M	PRT (color)	128 <0-255>	SYS		4
1013-2			H	PRT (color)	128 <0-255>	SYS		4
1014-0	Image	Color balance adjustment for "Y" (PS/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1014-1			M	PRT (color)	128 <0-255>	SYS		4
1014-2			H	PRT (color)	128 <0-255>	SYS		4
1015-0	Image	Color balance adjustment for "M" (PS/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1015-1			M	PRT (color)	128 <0-255>	SYS		4
1015-2			H	PRT (color)	128 <0-255>	SYS		4
1016-0	Image	Color balance adjustment for "C" (PS/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1016-1			M	PRT (color)	128 <0-255>	SYS		4
1016-2			H	PRT (color)	128 <0-255>	SYS		4
1017-0	Image	Color balance adjustment for "K" (PS/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1017-1			M	PRT (color)	128 <0-255>	SYS		4
1017-2			H	PRT (color)	128 <0-255>	SYS		4
1018-0	Image	Color balance adjustment for "Y" (PS/ 1200x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1018-1			M	PRT (color)	128 <0-255>	SYS		4
1018-2			H	PRT (color)	128 <0-255>	SYS		4

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1019-0	Image	Color balance adjustment for "M" (PS/1200x600dpi/Smooth)	L	PRT (color)	128 <0-255>	SYS	The target color, mode and density area become darker as the value increases. L: Low density area M: Medium density area H: High density area	4
1019-1			M	PRT (color)	128 <0-255>	SYS		4
1019-2			H	PRT (color)	128 <0-255>	SYS		4
1020-0	Image	Color balance adjustment for "C" (PS/1200x600dpi/Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1020-1			M	PRT (color)	128 <0-255>	SYS		4
1020-2			H	PRT (color)	128 <0-255>	SYS		4
1021-0	Image	Color balance adjustment for "K" (PS/1200x600dpi/Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1021-1			M	PRT (color)	128 <0-255>	SYS		4
1021-2			H	PRT (color)	128 <0-255>	SYS		4
1022-0	Image	Color balance adjustment for "Y" (PS/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS	4	
1022-1			M	PRT (color)	128 <0-255>	SYS	4	
1022-2			H	PRT (color)	128 <0-255>	SYS	4	
1023-0	Image	Color balance adjustment for "M" (PS/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS	4	
1023-1			M	PRT (color)	128 <0-255>	SYS	4	
1023-2			H	PRT (color)	128 <0-255>	SYS	4	
1024-0	Image	Color balance adjustment for "C" (PS/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS	4	
1024-1			M	PRT (color)	128 <0-255>	SYS	4	
1024-2			H	PRT (color)	128 <0-255>	SYS	4	
1025-0	Image	Color balance adjustment for "K" (PS/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS	4	
1025-1			M	PRT (color)	128 <0-255>	SYS	4	
1025-2			H	PRT (color)	128 <0-255>	SYS	4	
1026-0	Image	Color balance adjustment for "Y" (PCL/600x600dpi/Smooth)	L	PRT (color)	128 <0-255>	SYS	4	
1026-1			M	PRT (color)	128 <0-255>	SYS	4	
1026-2			H	PRT (color)	128 <0-255>	SYS	4	
1027-0	Image	Color balance adjustment for "M" (PCL/600x600dpi/Smooth)	L	PRT (color)	128 <0-255>	SYS	4	
1027-1			M	PRT (color)	128 <0-255>	SYS	4	
1027-2			H	PRT (color)	128 <0-255>	SYS	4	

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1028-0	Image	Color balance adjustment for "C" (PCL/ 600x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS	The target color, mode and density area become darker as the value increases. L: Low density area M: Medium density area H: High density area	4
1028-1			M	PRT (color)	128 <0-255>	SYS		4
1028-2			H	PRT (color)	128 <0-255>	SYS		4
1029-0	Image	Color balance adjustment for "K" (PCL/ 600x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1029-1			M	PRT (color)	128 <0-255>	SYS		4
1029-2			H	PRT (color)	128 <0-255>	SYS		4
1030-0	Image	Color balance adjustment for "Y" (PCL/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1030-1			M	PRT (color)	128 <0-255>	SYS		4
1030-2			H	PRT (color)	128 <0-255>	SYS		4
1031-0	Image	Color balance adjustment for "M" (PCL/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1031-1			M	PRT (color)	128 <0-255>	SYS		4
1031-2			H	PRT (color)	128 <0-255>	SYS		4
1032-0	Image	Color balance adjustment for "C" (PCL/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1032-1			M	PRT (color)	128 <0-255>	SYS		4
1032-2			H	PRT (color)	128 <0-255>	SYS		4
1033-0	Image	Color balance adjustment for "K" (PCL/ 600x600dpi/ Detail)	L	PRT (color)	128 <0-255>	SYS		4
1033-1			M	PRT (color)	128 <0-255>	SYS		4
1033-2			H	PRT (color)	128 <0-255>	SYS		4
1034-0	Image	Color balance adjustment for "Y" (PCL/ 1200x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1034-1			M	PRT (color)	128 <0-255>	SYS		4
1034-2			H	PRT (color)	128 <0-255>	SYS		4
1035-0	Image	Color balance adjustment for "M" (PCL/ 1200x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1035-1			M	PRT (color)	128 <0-255>	SYS		4
1035-2			H	PRT (color)	128 <0-255>	SYS		4
1036-0	Image	Color balance adjustment for "C" (PCL/ 1200x600dpi/ Smooth)	L	PRT (color)	128 <0-255>	SYS		4
1036-1			M	PRT (color)	128 <0-255>	SYS		4
1036-2			H	PRT (color)	128 <0-255>	SYS		4

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1037-0	Image	Color balance adjustment for "K" (PCL/1200x600dpi/Smooth)	L	PRT (color)	128 <0-255>	SYS	The target color, mode and density area become darker as the value increases. L: Low density area M: Medium density area H: High density area	4
1037-1			M	PRT (color)	128 <0-255>	SYS		4
1037-2			H	PRT (color)	128 <0-255>	SYS		4
1038-0	Image	Color balance adjustment for "Y" (PCL/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS		4
1038-1			M	PRT (color)	128 <0-255>	SYS		4
1038-2			H	PRT (color)	128 <0-255>	SYS		4
1039-0	Image	Color balance adjustment for "M" (PCL/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS		4
1039-1			M	PRT (color)	128 <0-255>	SYS		4
1039-2			H	PRT (color)	128 <0-255>	SYS		4
1040-0	Image	Color balance adjustment for "C" (PCL/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS		4
1040-1			M	PRT (color)	128 <0-255>	SYS		4
1040-2			H	PRT (color)	128 <0-255>	SYS		4
1041-0	Image	Color balance adjustment for "K" (PCL/1200x600dpi/Detail)	L	PRT (color)	128 <0-255>	SYS		4
1041-1			M	PRT (color)	128 <0-255>	SYS		4
1041-2			H	PRT (color)	128 <0-255>	SYS		4
1046-0	Image	Adjustment of maximum toner amount (Plain paper)	PS	PRT (color)	255 <0-255>	SYS	When the value decreases, the image becomes lighter. Note: When the value increases, the image offsetting may occur.	4
1046-1			PCL	PRT (color)	255 <0-255>	SYS		4
1047-0	Image	Adjustment of maximum toner amount (Thick paper 1)	PS	PRT (color)	255 <0-255>	SYS		4
1047-1			PCL	PRT (color)	255 <0-255>	SYS		4
1048-0	Image	Adjustment of maximum toner amount (Thick paper 2)	PS	PRT (color)	255 <0-255>	SYS		4
1048-1			PCL	PRT (color)	255 <0-255>	SYS		4
1049-0	Image	Adjustment of maximum toner amount (Thick paper 3)	PS	PRT (color)	255 <0-255>	SYS		4
1049-1			PCL	PRT (color)	255 <0-255>	SYS		4
1050-0	Image	Adjustment of maximum toner amount (OHP film)	PS	PRT (color)	200 <0-255>	SYS		4
1050-1			PCL	PRT (color)	200 <0-255>	SYS		4

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1055	Image	Upper limit in toner saving mode		PRT (color)	176 <0-255>	SYS	When the value decreases, the printing density becomes lighter.	1
1056				PRT (color)	176 <0-255>	SYS		1
1057				PRT (color)	176 <0-255>	SYS		1
1058				PRT (color)	176 <0-255>	SYS		1
1060	Image	Reproduction ratio fine adjustment of primary scanning direction		SCN (color)	128 <0-255>	SYS	When the value increases by "1", the reproduction ratio of primary scanning direction increases by approx. 0.1%. Effective with the resolution other than 600 dpi.	1
1065	Image	Judgment threshold for ACS		SCN (color)	70 <0-255>	SYS	When the value increases, originals tend to be judged as monochrome, and when the value decreases, they tend to be judged as color in autocolour mode.	1
1066	Image	Judgment threshold for ACS on original set on the RADF		SCN (color)	70 <0-255>	SYS		1
1070	Image	Fine adjustment of background	Text	SCN (color)	0 <0-50>	SYS	Adjusts the level of background. When the value increases, the background becomes more brightened.	1
1071			Printed image	SCN (color)	0 <0-50>	SYS		1
1072			Photo	SCN (color)	0 <0-50>	SYS		1
1075	Image	Fine adjustment of black density	Text	SCN (color)	0 <0-4>	SYS	Adjusts the black density of the scanned image. When the value increases, the black density becomes darker.	1
1076			Printed image	SCN (color)	0 <0-4>	SYS		1
1077			Photo	SCN (color)	0 <0-4>	SYS		1
1080	Image	RGB conversion method selection	Text	SCN (color)	0 <0-3>	SYS	Sets the color space format of the output image. 0: sRGB 1: AppleRGB 2: ROMMRGB 3: AdobeRGB	1
1081			Printed image	SCN (color)	0 <0-3>	SYS		1
1082			Photo	SCN (color)	0 <0-3>	SYS		1
1086	Image	Sharpness adjustment	Text	SCN (color)	0 <0-31>	SYS	When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes. * The default value 0 is equivalent to 16 (center value).	1
1087			Printed image	SCN (color)	0 <0-31>	SYS		1
1088			Photo	SCN (color)	0 <0-31>	SYS		1

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1550	Image	Density adjustment "manual density" fine adjustment/ Center value	Text/Photo	PPC (color)	128 <0-255>	SYS	When the value increases, the image becomes darker.	1
1551			Text	PPC (color)	128 <0-255>	SYS		1
1552			Printed image	PPC (color)	128 <0-255>	SYS		1
1553			Photo	PPC (color)	128 <0-255>	SYS		1
1554			Map	PPC (color)	128 <0-255>	SYS		1
1560	Image	Density adjustment "manual density" fine adjustment/ Dark step value	Text/Photo	PPC (color)	20 <0-255>	SYS	Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "dark" steps becomes darker.	1
1561			Text	PPC (color)	20 <0-255>	SYS		1
1562			Printed image	PPC (color)	20 <0-255>	SYS		1
1563			Photo	PPC (color)	20 <0-255>	SYS		1
1564			Map	PPC (color)	20 <0-255>	SYS		1
1570	Image	Density adjustment "manual density" fine adjustment/ Light step value	Text/Photo	PPC (color)	20 <0-255>	SYS	Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "light" steps becomes lighter.	1
1571			Text	PPC (color)	20 <0-255>	SYS		1
1572			Printed image	PPC (color)	20 <0-255>	SYS		1
1573			Photo	PPC (color)	20 <0-255>	SYS		1
1574			Map	PPC (color)	20 <0-255>	SYS		1
1580	Image	Density adjustment "automatic density" fine adjustment	Text/Photo	PPC (color)	128 <0-255>	SYS	When the value increases, the image becomes darker.	1
1581			Text	PPC (color)	128 <0-255>	SYS		1
1582			Printed image	PPC (color)	128 <0-255>	SYS		1
1583			Photo	PPC (color)	128 <0-255>	SYS		1
1584			Map	PPC (color)	128 <0-255>	SYS		1
1612	Image	Adjustment of maximum toner amount	Plain paper	PPC (color)	255 <0-255>	SYS	When the value decreases, the image becomes lighter. Note: When the value increases, image offsetting may occur.	1
1613			Thick paper 1	PPC (color)	249 <0-255>	SYS		1
1614			Thick paper 2	PPC (color)	237 <0-255>	SYS		1
1615			Thick paper 3	PPC (color)	237 <0-255>	SYS		1
1616			OHP film	PPC (color)	249 <0-255>	SYS		1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1630	Image	Maximum text density adjustment	Y	PPC (color)	5 <0-10>	SYS	When the value increases by "1", the maximum text density of each color becomes darker.	1
1631			M	PPC (color)	5 <0-10>	SYS		1
1632			C	PPC (color)	5 <0-10>	SYS		1
1633			K	PPC (color)	5 <0-10>	SYS		1
1642	Image	Automatic gamma adjustment	Color/Black	PPC	-	SYS	Automatic adjustment of gradation reproduction in the Full Color Mode (each color of Y, M, C and K) and Black Mode.	7
1643			Color	PPC	-	SYS		Automatic adjustment of gradation reproduction in the Full Color Mode (each color of Y, M, C and K).
1675	Image	Judgment threshold for ACS		PPC (color)	70 <0-255>	SYS	When the value increases, originals tend to be judged as black, and when the value decreases, they tend to be judged as color in auto-color mode.	1
1676	Image	Judgment threshold for ACS on original set on the RADF		PPC (color)	70 <0-255>	SYS		1
1688	Image	Automatic off-setting adjustment for background processing (background density)	Text/Photo	PPC (color)	128 <0-255>	SYS	When the value increases, the background becomes darker.	1
1689			Text	PPC (color)	128 <0-255>	SYS		1
1690			Printed image	PPC (color)	128 <0-255>	SYS		1
1691			Photo	PPC (color)	128 <0-255>	SYS		1
1692			Map	PPC (color)	128 <0-255>	SYS		1
1693	Image	Automatic off-setting adjustment for background processing (text density)	Text/Photo	PPC (color)	128 <0-255>	SYS	When the value increases, the text becomes darker.	1
1694			Text	PPC (color)	128 <0-255>	SYS		1
1695			Printed image	PPC (color)	128 <0-255>	SYS		1
1696			Photo	PPC (color)	128 <0-255>	SYS		1
1697			Map	PPC (color)	128 <0-255>	SYS		1

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1698	Image	Manual offsetting adjustment for background processing (background density)	Text/Photo	PPC (color)	128 <0-255>	SYS	When the value increases, the background becomes darker.	1
1699			Text	PPC (color)	128 <0-255>	SYS		1
1700			Printed image	PPC (color)	128 <0-255>	SYS		1
1701			Photo	PPC (color)	128 <0-255>	SYS		1
1702			Map	PPC (color)	128 <0-255>	SYS		1
1708	Image	Manual offsetting adjustment for background processing (text density)	Text/Photo	PPC (color)	128 <0-255>	SYS	When the value increases, the text becomes darker.	1
1709			Text	PPC (color)	128 <0-255>	SYS		1
1710			Printed image	PPC (color)	128 <0-255>	SYS		1
1711			Photo	PPC (color)	128 <0-255>	SYS		1
1712			Map	PPC (color)	128 <0-255>	SYS		1
1725	Image	Text/Photo reproduction level adjustment	PPC (color)	0 <0-5>	SYS	0: Default 1: Photo oriented 2 (The printed image reproduction level higher than that of the Photo oriented 1) 2: Photo oriented 1 (The printed image reproduction level higher than that of the Default) 3: Equivalent to the Default 4: Text oriented 1 (The text reproduction level higher than that of the Default) 5: Text oriented 2 (The text reproduction level higher than that of the Text oriented 1)	1	
1737	Image	Sharpness adjustment / Full Color Mode	Text/Photo	PPC (color)	0 <0-31>	SYS	When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes. * The default value 0 is equivalent to 16 (center value).	1
1738			Text	PPC (color)	0 <0-31>	SYS		1
1739			Printed image	PPC (color)	0 <0-31>	SYS		1
1740			Photo	PPC (color)	0 <0-31>	SYS		1
1741			Map	PPC (color)	0 <0-31>	SYS		1

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1757	Image	Sharpness adjustment / Auto Color Mode (Text/Photo)	PPC (color)	EUR: 0 UC: 0 JAPN: 22 <0-31>	SYS	When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes. * The default value 0 is equivalent to 16(center value).	1	
1761	Image	Black reproduction switching	PPC (color)	0 <0-1>	SYS	0: Default 1: Black reproduction oriented	1	
1769	Image	Setting for highlighter	Vivid	PPC (color)	0 <0-2>	SYS	Sets the reproduction mode for highlighter for four types of one touch adjustment. 0: Default 1: Highlighter 1 2: Highlighter 2	1
1770			Clear	PPC (color)	0 <0-2>	SYS		1
1771			Warm	PPC (color)	0 <0-2>	SYS		1
1772			Cool	PPC (color)	0 <0-2>	SYS		1
1779-0	Image	Color balance adjustment for "Y" (Text/Photo)	L	PPC (color)	128 <0-255>	SYS	The target color, mode and density area become darker as the value increases. L: Low density area M: Medium density area H: High density area	4
1779-1			M	PPC (color)	128 <0-255>	SYS		4
1779-2			H	PPC (color)	128 <0-255>	SYS		4
1780-0	Image	Color balance adjustment for "Y" (Text)	L	PPC (color)	128 <0-255>	SYS		4
1780-1			M	PPC (color)	128 <0-255>	SYS		4
1780-2			H	PPC (color)	128 <0-255>	SYS		4
1781-0	Image	Color balance adjustment for "Y" (Printed image)	L	PPC (color)	128 <0-255>	SYS		4
1781-1			M	PPC (color)	128 <0-255>	SYS		4
1781-2			H	PPC (color)	128 <0-255>	SYS		4
1782-0	Image	Color balance adjustment for "Y" (Photo)	L	PPC (color)	128 <0-255>	SYS		4
1782-1			M	PPC (color)	128 <0-255>	SYS		4
1782-2			H	PPC (color)	128 <0-255>	SYS		4
1783-0	Image	Color balance adjustment for "Y" (Map)	L	PPC (color)	128 <0-255>	SYS		4
1783-1			M	PPC (color)	128 <0-255>	SYS		4
1783-2			H	PPC (color)	128 <0-255>	SYS		4

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1784-0	Image	Color balance adjustment for "M" (Text/Photo)	L	PPC (color)	128 <0-255>	SYS	The target color, mode and density area become darker as the value increases. L: Low density area M: Medium density area H: High density area	4
1784-1			M	PPC (color)	128 <0-255>	SYS		4
1784-2			H	PPC (color)	128 <0-255>	SYS		4
1785-0	Image	Color balance adjustment for "M" (Text)	L	PPC (color)	128 <0-255>	SYS		4
1785-1			M	PPC (color)	128 <0-255>	SYS		4
1785-2			H	PPC (color)	128 <0-255>	SYS		4
1786-0	Image	Color balance adjustment for "M" (Printed image)	L	PPC (color)	128 <0-255>	SYS		4
1786-1			M	PPC (color)	128 <0-255>	SYS		4
1786-2			H	PPC (color)	128 <0-255>	SYS		4
1787-0	Image	Color balance adjustment for "M" (Photo)	L	PPC (color)	128 <0-255>	SYS	4	
1787-1			M	PPC (color)	128 <0-255>	SYS	4	
1787-2			H	PPC (color)	128 <0-255>	SYS	4	
1788-0	Image	Color balance adjustment for "M" (Map)	L	PPC (color)	128 <0-255>	SYS	4	
1788-1			M	PPC (color)	128 <0-255>	SYS	4	
1788-2			H	PPC (color)	128 <0-255>	SYS	4	
1789-0	Image	Color balance adjustment for "C" (Text/Photo)	L	PPC (color)	128 <0-255>	SYS	4	
1789-1			M	PPC (color)	128 <0-255>	SYS	4	
1789-2			H	PPC (color)	128 <0-255>	SYS	4	
1790-0	Image	Color balance adjustment for "C" (Text)	L	PPC (color)	128 <0-255>	SYS	4	
1790-1			M	PPC (color)	128 <0-255>	SYS	4	
1790-2			H	PPC (color)	128 <0-255>	SYS	4	
1791-0	Image	Color balance adjustment for "C" (Printed image)	L	PPC (color)	128 <0-255>	SYS	4	
1791-1			M	PPC (color)	128 <0-255>	SYS	4	
1791-2			H	PPC (color)	128 <0-255>	SYS	4	
1792-0	Image	Color balance adjustment for "C" (Photo)	L	PPC (color)	128 <0-255>	SYS	4	
1792-1			M	PPC (color)	128 <0-255>	SYS	4	
1792-2			H	PPC (color)	128 <0-255>	SYS	4	

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1793-0	Image	Color balance adjustment for "C" (Map)	L	PPC (color)	128 <0-255>	SYS	The target color, mode and density area become darker as the value increases. L: Low density area M: Medium density area H: High density area	4
1793-1			M	PPC (color)	128 <0-255>	SYS		4
1793-2			H	PPC (color)	128 <0-255>	SYS		4
1794-0	Image	Color balance adjustment for "K" (Text/Photo)	L	PPC (color)	128 <0-255>	SYS		4
1794-1			M	PPC (color)	128 <0-255>	SYS		4
1794-2			H	PPC (color)	128 <0-255>	SYS		4
1795-0	Image	Color balance adjustment for "K" (Text)	L	PPC (color)	128 <0-255>	SYS		4
1795-1			M	PPC (color)	128 <0-255>	SYS		4
1795-2			H	PPC (color)	128 <0-255>	SYS		4
1796-0	Image	Color balance adjustment for "K" (Printed image)	L	PPC (color)	128 <0-255>	SYS		4
1796-1			M	PPC (color)	128 <0-255>	SYS		4
1796-2			H	PPC (color)	128 <0-255>	SYS		4
1797-0	Image	Color balance adjustment for "K" (Photo)	L	PPC (color)	128 <0-255>	SYS		4
1797-1			M	PPC (color)	128 <0-255>	SYS		4
1797-2			H	PPC (color)	128 <0-255>	SYS		4
1798-0	Image	Color balance adjustment for "K" (Map)	L	PPC (color)	128 <0-255>	SYS		4
1798-1			M	PPC (color)	128 <0-255>	SYS		4
1798-2			H	PPC (color)	128 <0-255>	SYS		4
1800-0	Image control	Upper limit value of contrast voltage	Y	ALL	650 <0-999>	M	Sets the upper limit value of the contrast voltage at the image quality control. (Unit: V)	4
1800-1			M	ALL	650 <0-999>	M		4
1800-2			C	ALL	650 <0-999>	M		4
1800-3			K	ALL	600 <0-999>	M		4
1801-0	Image control	Lower limit value of contrast voltage	Y	ALL	120 <0-999>	M	Sets the lower limit value of the contrast voltage at the image quality control. (Unit: V)	4
1801-1			M	ALL	120 <0-999>	M		4
1801-2			C	ALL	120 <0-999>	M		4
1801-3			K	ALL	120 <0-999>	M		4

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1802-0	Image control	Upper limit value of laser power	Y	ALL	800 <0-999>	M	Sets the upper limit value of the laser power at the image quality control. (Unit: μW)	4
1802-1			M	ALL	800 <0-999>	M		4
1802-2			C	ALL	800 <0-999>	M		4
1802-3			K	ALL	800 <0-999>	M		4
1803-0	Image control	Lower limit value of laser power	Y	ALL	350 <0-999>	M	Sets the lower limit value of the laser power at the image quality control. (Unit: μW)	4
1803-1			M	ALL	350 <0-999>	M		4
1803-2			C	ALL	350 <0-999>	M		4
1803-3			K	ALL	350 <0-999>	M		4
1804-0	Image control	Background voltage actual value display	Y	ALL	125 <0-999>	M	Displays the background voltage when printing is operated. (Unit: V)	10
1804-1			M	ALL	125 <0-999>	M		10
1804-2			C	ALL	125 <0-999>	M		10
1804-3			K	ALL	125 <0-999>	M		10
1805-0	Image control	Drum surface potential characteristic/slope factor display	Y	ALL	979 <0-999>	M	Displays the slope factor of the approximate expression of the drum surface potential to the main charger grid voltage at the open-loop control.	10
1805-1			M	ALL	979 <0-999>	M		10
1805-2			C	ALL	979 <0-999>	M		10
1805-3			K	ALL	990 <0-999>	M		10
1806-0	Image control	Drum surface potential characteristic/offset factor display	Y	ALL	-6 <-999-999>	M	Displays the offset factor of the approximate expression of the drum surface potential to the main charger grid voltage at the open-loop control.	10
1806-1			M	ALL	-6 <-999-999>	M		10
1806-2			C	ALL	-6 <-999-999>	M		10
1806-3			K	ALL	-4 <-999-999>	M		10
1807-0	Image control	Drum exposure voltage characteristic/slope factor display (main charger grid low voltage area)	Y	ALL	58 <0-999>	M	Displays the slope factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control.	10
1807-1			M	ALL	58 <0-999>	M		10
1807-2			C	ALL	58 <0-999>	M		10
1807-3			K	ALL	60 <0-999>	M		10

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1808-0	Image control	Drum exposure voltage characteristic/offset factor display (main charger grid low voltage area)	Y	ALL	35 <-999-999>	M	Displays the offset factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control.	10
1808-1			M	ALL	35 <-999-999>	M		10
1808-2			C	ALL	35 <-999-999>	M		10
1808-3			K	ALL	42 <-999-999>	M		10
1809-0	Image control	Drum exposure voltage characteristic/slope factor display (main charger grid high voltage area)	Y	ALL	49 <0-999>	M	Displays the slope factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control.	10
1809-1			M	ALL	49 <0-999>	M		10
1809-2			C	ALL	49 <0-999>	M		10
1809-3			K	ALL	53 <0-999>	M		10
1810-0	Image control	Drum exposure voltage characteristic/offset factor display (main charger grid high voltage area)	Y	ALL	41 <-999-999>	M	Displays the offset factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control.	10
1810-1			M	ALL	41 <-999-999>	M		10
1810-2			C	ALL	41 <-999-999>	M		10
1810-3			K	ALL	47 <-999-999>	M		10
1811-0	Image control	Contrast voltage/upper limit actual value display	Y	ALL	500 <0-999>	M	Displays the upper limit value of the contrast voltage when printing is operated. (Unit: V)	10
1811-1			M	ALL	500 <0-999>	M		10
1811-2			C	ALL	500 <0-999>	M		10
1811-3			K	ALL	600 <0-999>	M		10
1812-0	Image control	Contrast voltage/lower limit actual value display	Y	ALL	120 <0-999>	M	Displays the lower limit value of the contrast voltage when printing is operated. (Unit: V)	10
1812-1			M	ALL	120 <0-999>	M		10
1812-2			C	ALL	120 <0-999>	M		10
1812-3			K	ALL	120 <0-999>	M		10

Adjustment mode (05)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1813-0	Image control	Display of background voltage/upper limit actual value	Y	ALL	170 <0-999>	M	Displays the upper limit value of the background voltage when printing is operated. (Unit: V)	10
1813-1			M	ALL	170 <0-999>	M		10
1813-2			C	ALL	170 <0-999>	M		10
1813-3			K	ALL	170 <0-999>	M		10
1814-0	Image control	Background voltage/lower limit actual value display	Y	ALL	80 <0-999>	M	Displays the lower limit value of the background voltage when printing is operated. (Unit: V)	10
1814-1			M	ALL	80 <0-999>	M		10
1814-2			C	ALL	80 <0-999>	M		10
1814-3			K	ALL	80 <0-999>	M		10
1815-0	Image control	Contrast voltage/correction number of time display	Y	ALL	0 <0-255>	M	Displays the actual number of time the contrast voltage has been corrected at the closed-loop control.	10
1815-1			M	ALL	0 <0-255>	M		10
1815-2			C	ALL	0 <0-255>	M		10
1815-3			K	ALL	0 <0-255>	M		10
1816-0	Image control	Laser power correction/number of time display	Y	ALL	0 <0-255>	M	Displays the actual number of time the laser power has been corrected at the closed-loop control.	10
1816-1			M	ALL	0 <0-255>	M		10
1816-2			C	ALL	0 <0-255>	M		10
1816-3			K	ALL	0 <0-255>	M		10
1817	Image control	Laser power actual value display		PPC (black)	92 <0-255>	M	Displays the laser power value when copying in the Black Mode. (Bit value)	2
1819	Image control	Laser power correcting factor		PPC (black)	100 <100-255>	M	Perform the correction of the setting 05-1817. (Unit: %)	1
1820	Image control	Laser power actual value display		PRT (black)	92 <0-255>	M	Displays the laser power value when printing in the Black Mode. (Bit value)	2
1821	Image control	Laser power correcting factor		PRT (black)	100 <100-255>	M	Perform the correction of the setting 05-1820. (Unit: %)	1

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1822-0	Transfer	2nd transfer roller bias correction of trailing edge of paper	Plain paper	ALL	92 <0-255>	M	Corrects the 2nd transfer roller bias output of the trailing edge of paper (05-227, 229, 230, 231 and 232). Correction factor: %	14
1822-1			Thick paper 1	ALL	88 <0-255>	M		14
1822-2			Thick paper 2	ALL	90 <0-255>	M		14
1822-3			Thick paper 3	ALL	90 <0-255>	M		14
1822-4			OHP film	ALL	90 <0-255>	M		14
1823-0	Transfer	Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Plain paper)	Single side	ALL (black)	162 <0-255>	M	Displays the value of 2nd transfer roller bias when the actual printing is operated. (The value corrected in 05-1822 is displayed.)	10
1823-1			Reverse side at duplexing	ALL (black)	139 <0-255>	M		10
1823-2			Single side	ALL (color)	150 <0-255>	M		10
1823-3			Reverse side at duplexing	ALL (color)	133 <0-255>	M		10
1825-0	Transfer	Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Thick paper 1)	Single side	ALL (black)	149 <0-255>	M		10
1825-1			Reverse side at duplexing	ALL (black)	127 <0-255>	M		10
1825-2			Single side	ALL (color)	133 <0-255>	M		10
1825-3			Reverse side at duplexing	ALL (color)	121 <0-255>	M		10
1826-0	Transfer	Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Thick paper 2)		ALL (black)	157 <0-255>	M		10
1826-1				ALL (color)	154 <0-255>	M		10
1827-0	Transfer	Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Thick paper 3)		ALL (black)	137 <0-255>	M		10
1827-1				ALL (color)	137 <0-255>	M		10
1828-0	Transfer	Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (OHP film)		ALL (black)	126 <0-255>	M		10
1828-1				ALL (color)	126 <0-255>	M		10
1829-0	Transfer	1st transfer roller bias correction at deceleration	Thick paper 2	ALL	80 <0-100>	M	Corrects the 1st transfer roller bias output. Correction factor: %	14
1829-1			Thick paper 3	ALL	80 <0-100>	M		14
1829-2			OHP film	ALL	80 <0-100>	M		14

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1831	Transfer	1st transfer roller bias actual value display at deceleration (Thick paper 2)		ALL (black)	187 <0-255>	M	Displays the value of 1st transfer roller bias at deceleration when the actual printing is operated. (The value corrected in 05-1829 is displayed.)	2
1832	Transfer	1st transfer roller bias actual value display at deceleration (Thick paper 3)		ALL (black)	187 <0-255>	M		2
1833	Transfer	1st transfer roller bias actual value display at deceleration (OHP film)		ALL (black)	187 <0-255>	M		2
1836	Transfer	1st transfer roller bias actual value display in low-speed color printing (Plain paper / Thick paper 1)		ALL (color)	178 <0-255>	M	Displays the actual value of the 1st transfer roller bias when the transfers of all colors (Y, M, C and K) have finished. This adjustment is valid only when the value of the code 08-497 is "1" (6 pages/minute).	2
1839-0	Transfer	2nd transfer roller bias correction of leading/trailing edge of paper (Tab paper)	Intermediate level bias of trailing edge	ALL	100 <0-100>	M	Corrects the 2nd transfer roller bias output of leading/trailing edge of paper (05-1840). (Correcting factor: %)	14
1839-1			Bias of leading/trailing edge	ALL	90 <0-100>	M		14
1840-0	Transfer	2nd transfer roller bias output adjustment (Tab paper)		ALL (black)	153 <0-187>	M	As the value decreases, the 2nd transfer roller bias output increases correspondingly. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid).	14
1840-1				ALL (color)	150 <0-187>	M		14
1841-0	Transfer	2nd transfer roller bias offsetting adjustment (Tab paper)		ALL (black)	5 <0-10>	M	Sets the offset amount of 2nd transfer roller bias. 0: -500V 1: -400V 2: -300V 3: -200V 4: -100V 5: 0V 6: +100V 7: +200V 8: +300V 9: +400V 10: +500V	4
1841-1				ALL (color)	5 <0-10>	M		4

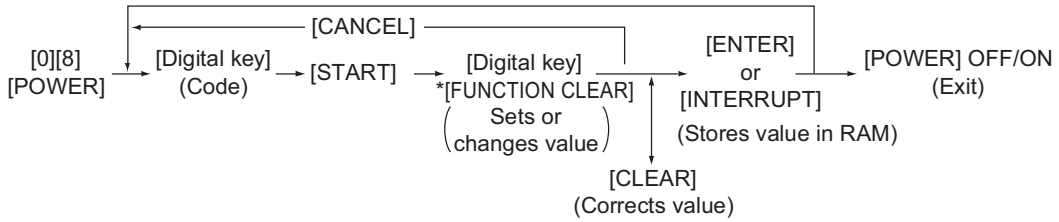
Adjustment mode (05)									
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure	
1842-0	Transfer	Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Tab paper)	Intermediate level bias of trailing edge	ALL (black)	153 <0-225>	M	Displays the value of 2nd transfer roller bias on the leading/trailing edge of paper when printing is performed. (The value corrected in 05-1839 is displayed.)	10	
1842-1			Bias of leading/trailing edge	ALL (black)	157 <0-225>	M		10	
1842-2			Intermediate level bias of trailing edge	ALL (color)	150 <0-225>	M		10	
1842-3			Bias of leading/trailing edge	ALL (color)	154 <0-225>	M		10	
1845-0	Transfer	2nd transfer roller bias actual value display (Tab paper)		ALL (black)	153 <0-187>	M	Displays the value of 2nd transfer roller bias when printing is operated.	10	
1845-1				ALL (color)	150 <0-187>	M		10	
1847	Transfer	1st transfer roller bias actual value display (Tab paper)		ALL	400 <300-800>	M	The drum surface potential at the 1st transfer bias resistance detection control is adjusted. [Unit: V]	1	
1848	Transfer	1st transfer bias resistance detection control Result value display		ALL	- <0-9999>	M	The result value of the 1st transfer bias resistance detection control is displayed. [Unit: V]	2	
1849	Transfer	1st transfer roller bias output adjustment		ALL (black)	154 <0-225>	M	When the value decreases, the 1st transfer roller bias output increases. This setting is enabled when "0" (disabled) is set at the codes 08-541, -549 and -551.	1	
1850-0	Transfer	1st transfer roller bias output adjustment		Y	ALL (color)	138 <0-225>	M	When the value decreases, the 1st transfer roller bias output increases. This setting is enabled when "0" (disabled) is set at the codes 08-541, -549 and -551.	4
1850-1				M	ALL (color)	143 <0-225>	M		4
1850-2				C	ALL (color)	154 <0-225>	M		4
1850-3				K	ALL (color)	154 <0-225>	M		4
1861	Transfer	1st transfer roller bias RMS value display		ALL (black)	154 <0-225>	M	The RMS value of the 1st transfer roller bias at the time of printing is displayed.	2	

Adjustment mode (05)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1862-0	Transfer	1st transfer roller bias RMS value display	Y	ALL (color)	138 <0-225>	M	The RMS value of the 1st transfer roller bias at the time of printing is displayed.	10
1862-1			M	ALL (color)	143 <0-225>	M		10
1862-2			C	ALL (color)	154 <0-225>	M		10
1862-3			K	ALL (color)	154 <0-225>	M		10
1863	Transfer	1st transfer roller bias resistance detection Cur- rent offset adjustment		ALL	5 <0-10>	M	The current offset amount of the 1st trans- fer roller bias resistance detection is adjusted. 0: -10 1: -8 2: -6 3: -4 4: -2 5: 0 6: +2 7: +4 8: +6 9: +8 10: +10 [Unit: μ A]	1
1864	Transfer	1st transfer roller bias cor- rection at low-speed color printing		ALL (color)	100 <0-100>	M	The 1st transfer roller bias output after the completion of transfer of all colors (Y, M, C and K) is corrected. This setting is enabled when "1" (6 sheets/ minute) is set at the code 08-497.	1

2.2.5 Setting mode (08)

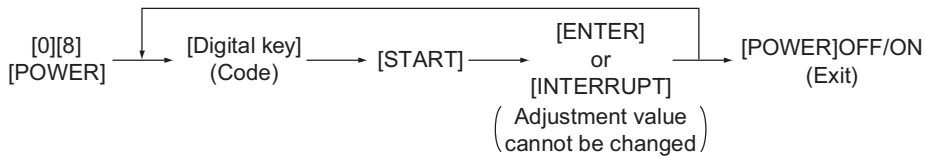
The items in the setting code list can be set or changed in this setting mode (08).
 When the power should be turned OFF, be sure to shut down the equipment by pressing the [ENERGY SAVER] button for a few seconds.

Procedure 1

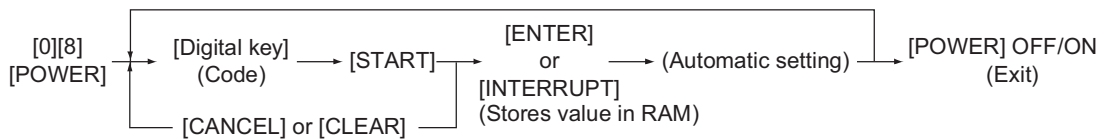


* Press [FUNCTION CLEAR] to enter minus (-).

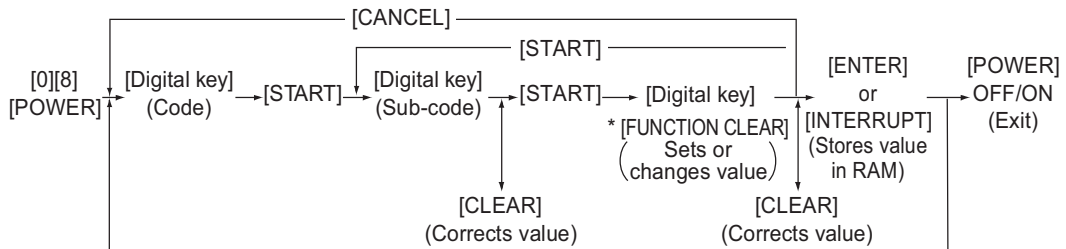
Procedure 2



Procedure 3

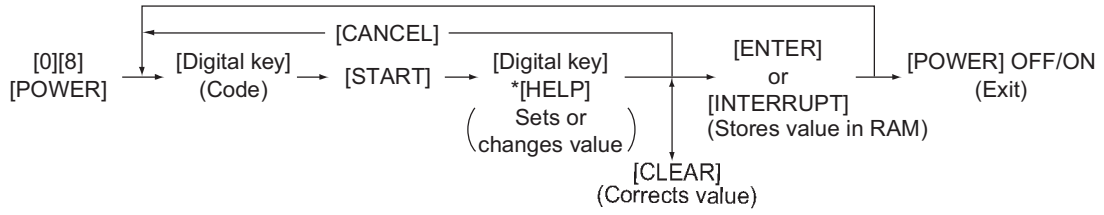


Procedure 4



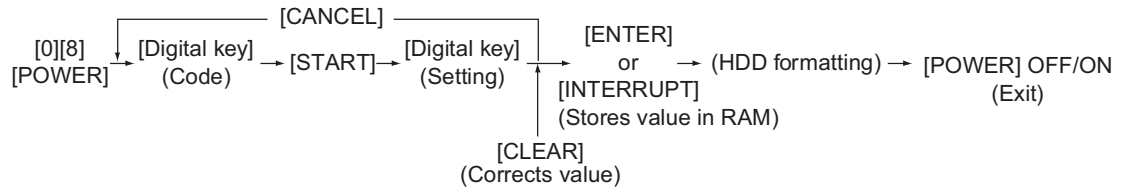
* Press [FUNCTION CLEAR] to enter minus (-).

Procedure 5

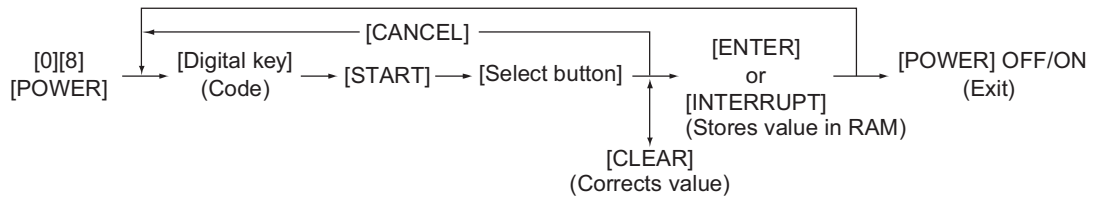


* Press [HELP] to enter "-".

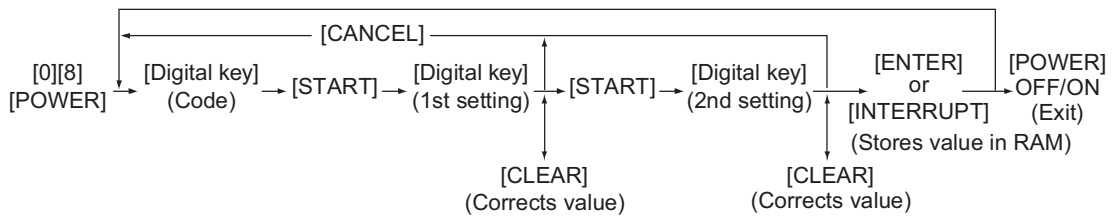
Procedure 7



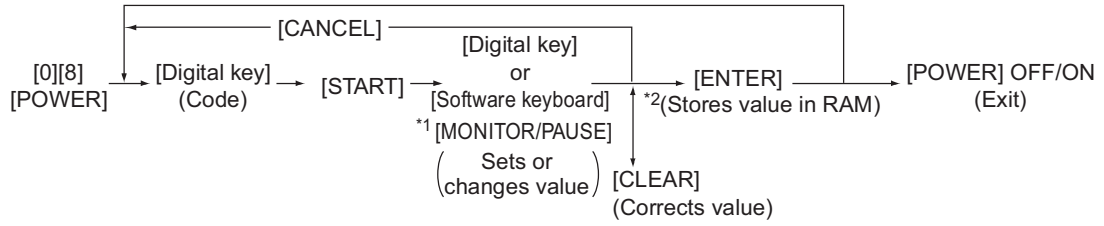
Procedure 9



Procedure 10

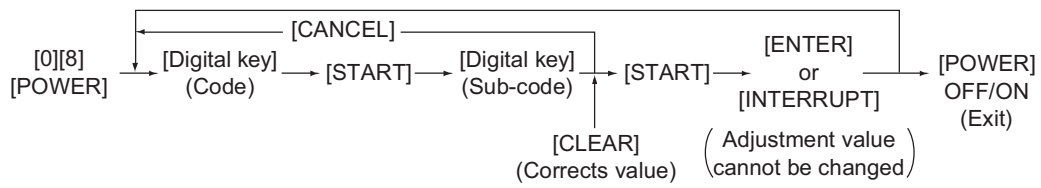


Procedure 11 and 12



- *1 Press [MONITOR/PAUSE] to enter "-", when entering telephone number.
- *2 The data are stored in SYS-RAM in procedure 11 and stored in NIC-RAM in procedure 12.

Procedure 14



Notes:

1. The digit after the hyphen in "Code" of the following table is a sub code.
2. In "RAM", the NVRAM of the board in which the data of each code is stored is indicated. "M" stands for the LGC board, "SYS", "NIC" and "UTY" stands for the SYS board.

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
200	General	Date and time setting	ALL	- <13 digits>	-	Year/month/date/day/ hour/minute/second Example: 03 07 0 13 13 27 48 "Day" - "0" is for "Sun- day". Proceeds Monday through Saturday from "1" to "6".	5
201	General	Destination selection	ALL	EUR: 0 UC: 1 JPN: 2 <0-3>	M	0: EUR 1: UC 2: JPN 3: Other	1
202	User interface	Counter installed externally	ALL	0 <0-4>	M	0: No external counter 1: Coin controller 2: Copy key card 3: Key copy counter 4: Key card for OEM1	1
203	General	Line adjustment mode	ALL	0 <0-1>	M	0: For factory ship- ment 1: For line * Field: "0" must be selected	1
204	User interface	Auto-clear timer setting	ALL	3 <0-10>	SYS	Timer to return the equipment to the default settings when the [START] button is not pressed after the function and the mode are set 0: Not cleared 1 to 10: Set number x 15 sec.	1
205	User interface	Auto power save mode timer setting	ALL	11 <0, 6-15>	SYS	Timer to automatically switch to the energy saving mode when the equipment has not been used 0: Invalid 6: 3min. 7: 4min. 8: 5min. 9: 7min. 10: 10min. 11: 15min. 12: 20min. 13: 30min. 14: 45min. 15: 60min.	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
206	User interface	Auto Shut Off Mode timer setting (Sleep Mode)	ALL	Refer to content <0-20>	SYS	Timer to enter the Sleep Mode automatically when the equipment has not been used 0: 3min. 1: 5min. 2: 10min. 3: 15min. 4: 20min. 5: 25min. 6: 30min. 7: 40min. 8: 50min. 9: 60min. 10: 70min. 11: 80min. 12: 90min. 13: 100min. 14: 110min. 15: 120min. 16: 150min. 17: 180min. 18: 210min. 19: 240min. 20: Not used <Default value> e-STUDIO281c: 9 e-STUDIO351c: 9 e-STUDIO451c: 12	1
207	User interface	Highlighting display on LCD	ALL	0 <0-1>	SYS	0: Black letter on white background 1: White letter on black background	1
209	User interface	Default setting of filing format when E-mailing (common in all color modes)	ALL (color)	1 <0-4>	SYS	0: TIFF (Multi) 1: PDF (Multi) 2: Not used 3: TIFF (Single) 4: PDF (Single)	1
210	Paper feeding	Paper size (A6-R) feeding/widthwise direction	PRT	148/105 <148-432/105-297>	-		10
218	User interface	Default setting of filing format when storing files (at color/ACS modes)	SCN (color)	1 <0-4>	SYS	0: TIFF (Multi) 1: PDF (Multi) 2: JPG 3: TIFF (Single) 4: PDF (Single)	1
219	User interface	Default setting of filing format when storing files (at black mode)	ALL (black)	0 <0-4>	SYS	0: TIFF (Multi) 1: PDF (Multi) 2: JPG 3: TIFF (Single) 4: PDF (Single)	1
220	User interface	Language displayed at power-ON	ALL	EUR: 0 UC: 0 JPN: 5 <0-6>	SYS	0: Language 1 1: Language 2 2: Language 3 3: Language 4 4: Language 5 5: Language 6 6: Language 7	1
221	User interface	Language selection in UI data at Web power ON	ALL	EUR: 0 UC: 0 JPN: 5 <0-6>	SYS	0: Language 1 1: Language 2 2: Language 3 3: Language 4 4: Language 5 5: Language 6 6: Language 7	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
223	Maintenance	Switching of output pages/driving counts at PM	ALL	0 <0-1>	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-251.) 1: PM time counter (The timing is set at 08-375.)	1
224	Paper feeding	Paper size for bypass feed	PPC	UNDEF	SYS	Press the button on the LCD to select the size.	9
225	Paper feeding	Paper size for upper drawer	ALL	EUR: A4 UC: LT JPN: A4	M	Press the button on the LCD to select the size.	9
226	Paper feeding	Paper size for lower drawer	ALL	EUR: A3 UC: LD JPN: A3	M	Press the button on the LCD to select the size.	9
227	Paper feeding	Paper size for PFP upper drawer	ALL	EUR: A4-R UC: LT-R JPN: A4-R	M	Press the button on the LCD to select the size.	9
228	Paper feeding	Paper size for PFP lower drawer	ALL	EUR: A4 UC: LG JPN: B4	M	Press the button on the LCD to select the size.	9
229	Paper feeding	Paper size (A3) feeding/widthwise direction	ALL	420/297 <182-432/140-297>	M		10
230	Paper feeding	Paper size (A4-R) feeding/widthwise direction	ALL	297/210 <182-432/140-297>	M		10
231	Paper feeding	Paper size (A5-R) feeding/widthwise direction	ALL	210/148 <182-432/140-297>	M		10
232	Paper feeding	Paper size (B4) feeding/widthwise direction	ALL	364/257 <182-432/140-297>	M		10
233	Paper feeding	Paper size (B5-R) feeding/widthwise direction	ALL	257/182 <182-432/140-297>	M		10
234	Paper feeding	Paper size (LT-R) feeding/widthwise direction	ALL	279/216 <182-432/140-297>	M		10
235	Paper feeding	Paper size (LD) feeding/widthwise direction	ALL	432/279 <182-432/140-297>	M		10

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
236	Paper feeding	Paper size (LG) feeding/widthwise direction	ALL	356/216 <182-432/140-297>	M		10
237	Paper feeding	Paper size (ST-R) feeding/widthwise direction	ALL	216/140 <182-432/140-297>	M		10
238	Paper feeding	Paper size (COMPUTER) feeding/widthwise direction	ALL	356/257 <182-432/140-297>	M		10
239	Paper feeding	Paper size (FOLIO) feeding/widthwise direction	ALL	330/210 <182-432/140-297>	M		10
240	Paper feeding	Paper size (13"LG) feeding/widthwise direction	ALL	330/216 <182-432/140-297>	M		10
241	Paper feeding	Paper size (8.5"X8.5") feeding/widthwise direction	ALL	216/216 <182-432/140-297>	M		10
242	Paper feeding	Paper size (Non-standard) feeding/widthwise direction	ALL	432/279 <148-432/105-297>	SYS		10
243	Paper feeding	Memory 1 Paper size (bypass feeding/non-standard type) feeding/widthwise direction	ALL	148/100 <148-432/100-297>	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 1].	10
244	Paper feeding	Paper size (8K) feeding/widthwise direction	ALL	390/270 <182-432/140-297>	M		10
245	Paper feeding	Paper size (16K-R) feeding/widthwise direction	ALL	270/195 <182-432/140-297>	M		10
246	Paper feeding	Paper size (A3-wide) feeding/widthwise direction	ALL	457/305 <182-457/140-305>	M		10
247	Paper feeding	Memory 2 Paper size (bypass feeding/non-standard type) feeding/widthwise direction	ALL	148/100 <148-432/100-297>	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 2].	10
248	Paper feeding	Memory 3 Paper size (bypass feeding/non-standard type) feeding/widthwise direction	ALL	148/100 <148-432/100-297>	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 3].	10
249	Paper feeding	Memory 4 Paper size (bypass feeding/non-standard type) feeding/widthwise direction	ALL	148/100 <148-432/100-297>	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 4].	10

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
250	Maintenance	Service technician telephone number	ALL	0 <32 digits>	SYS	A telephone number can be entered up to 32 digits. Use the [MONITOR/PAUSE] button to enter a hyphen(-).	11
251	Maintenance	Setting value of PM counter	ALL	Refer to content <8 digits>	M	<Default> e-STUDIO281c UC, EUR: 100,000 JPN: 0 e-STUDIO351c UC, EUR: 120,000 JPN: 0 e-STUDIO451c UC, EUR: 150,000 JPN: 0	1
252	Maintenance	Current value of PM counter Display/0 clearing	ALL	0 <8 digits>	M	Counts up when the registration sensor is ON.	1
253	Maintenance	Error history display	ALL	-	SYS	Displays the latest 20 errors data	2
254	Paper feeding	LT↔A4/LD↔A3	PRT	0 <0-1>	SYS	Sets whether the data is printed on the different but similar size paper or not when the paper of corresponding size is not available. 0: Valid (The data is printed on A4/A3 when LT/LD is selected or vice versa.) 1: Invalid (The message to use the selected paper size is displayed.)	1
255	Paper feeding	PFP/LCF installation	ALL	0 <0-4>	M	0: Automatic 1: PFP single-drawer type installed 2: PFP dual-drawer type installed 3: LCF installed 4: Not installed	1
256	Paper feeding	Paper size setting /LCF	ALL	EUR: A4 UC: LT JPN: A4	M	Press the icon on the LCD to select the size.	9
257	Counter	Counter copy	ALL	- <1-2>	-	1: Electrical counter Æ Backup counter (NVRAM → SRAM) 2: Backup counter Æ Electrical counter (SRAM → NVRAM) (P. 2-207)	-

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
258	Maintenance	FSMS acceptance	ALL	1 <0-2>	SYS	Sets whether the FSMS connection is accepted or not. 0: Prohibited 1: Accepted (serial connection only) 2: Accepted (both serial and USB connections)	1
259	Network	Storage period at trail and private	PRT	14 <0-35>	SYS	0: No limits 1 to 30: 1 to 30 days 31: 1 hour 32: 2 hours 33: 4 hours 34: 8 hours 35: 12 hours	1
260	Network	Web data retention period	ALL	10 <3 digits>	SYS	When a certain period of time has passed without operation after accessing TopAccess, the data being registered is automatically reset. This period is set at this code. (Unit: Minute)	1
263	User interface	Administrator's password (Maximum 10 digits)	ALL	123456 <10 digits>	-	The password can be entered in alphabets and figures (A-Z, a-z and 0-9) within 10 digits.	11
264	Network	File retention period	ALL	30 <0-999>	SYS	0: No limits 1 to 999: 1 to 999 days	1
265	Network	Maximum data capacity at E-mailing	ALL	30 <2-30>	SYS	2 to 30 M bytes	1
266	Network	Maximum data capacity at Internet FAX	ALL	30 <2-30>	SYS	2 to 30 M bytes	1
267	Electronic filing	Full guarantee of documents in Electronic Filing when HDD is full	ALL	1 <0-1>	SYS	Sets the file retention level when editing the files in the Electronic Filing (at CutDoc/SaveDoc command execution). 0: Not full retained 1: Fully retained • Retains the source file until CutDoc/SaveDoc command is completed. * The file is not deleted even if the HDD has become full during the execution of command when "1" is set.	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
268	User interface	Binarizing level selection (When judging as black in the ACS Mode)	ALL	3 <1-5>	SYS	0: Step -2 1: Step -1 2: Step 0 (center) 3: Step 1 4: Step 2 * The binarizing level of each step is set at 08-609.	1
270	Electronic filing	Default setting of user box retention period	ALL	0 <0-999>	SYS	Sets the data retention period when creating a user box. 0: Not deleted 1 to 999: Retention period (Unit: Day)	1
271	General	Warning notification of the File Share and e-Filing partitions are filled	ALL	90 <0-100>	SYS	Sets the percentage of HDD partition filled when warning notification is sent. 0 to 100: 0 to 100% * Related code 08-288	1
272	Scanning	Notification setting of E-mail saving time limit	ALL	3 <0-99>	SYS	Sets the days left the notification of E-mail saving time limit appears 0 to 99: 0 to 99 days	1
273	Scanning	Default setting of partial size when transmitting E-mail	ALL	0 <0-6>	SYS	Sets the default value for the partial size of E-mail to be transmitted when creating a template. 0: Not divided 1: 64 2: 128 3: 256 4: 512 5: 1024 6: 2048 (Unit: KB)	1
274	FAX	Default setting of page by page when transmitting Internet FAX	ALL	0 <0-4>	SYS	Sets the default value for the page by page of Internet FAX to be transmitted when creating a template. 0: Not divided 1: 256 2: 512 3: 1024 4: 2048 (Unit: KB)	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
276	User interface	Default setting of density adjustment (Black)	SCN (black)	0 <0-11>	SYS	0: Automatic density 1: Step -5 2: Step -4 3: Step -3 4: Step -2 5: Step -1 6: Step 0 (center) 7: Step +1 8: Step +2 9: Step +3 10: Step +4 11: Step +5 (1 to 11: Manual density)	1
277	User interface	Default setting of background adjustment (Full Color)	SCN (color)	3 <1-5>	SYS	1: Step -2 2: Step -1 3: Step 0 (center) 4: Step +1 5: Step +2	1
278	User interface	Default setting of color mode	SCN	0 <0-4>	SYS	0: Black 1: Gray Scale 2: Unused 3: Full Color 4: Auto Color	1
279	User interface	Default setting of resolution (Full Color)	SCN (color)	2 <0-3>	SYS	0: 100 dpi 1: 150 dpi 2: 200 dpi 3: 300dpi	1
280	User interface	Default setting of resolution (Gray Scale)	SCN (black)	2 <0-4>	SYS	0: 100 dpi 1: 150 dpi 2: 200 dpi 3: 300dpi 4: 400 dpi	1
281	User interface	Default setting of resolution (Black)	SCN (black)	1 <0-4>	SYS	0: 150 dpi 1: 200 dpi 2: 300 dpi 3: 400dpi 4: 600 dpi	1
282	User interface	Default setting of original mode (Full Color)	SCN (color)	0 <0-2>	SYS	0: Text 1: Photo 2: Printed Image	1
283	User interface	Default setting of original mode (Black)	SCN (black)	0 <0-2>	SYS	0: Text 1: Text/Photo 2: Photo	1
284	User interface	Default setting of scanning mode	SCN	0 <0-2>	SYS	0: Single 1: Book 2: Tablet	1
285	User interface	Default setting of rotation mode	SCN	0 <0-3>	SYS	0: 0 degree 1: 90 degrees 2: 180 degrees 3: 270 degrees	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
286	User interface	Default setting of original paper size	ALL	0 <0-22>	SYS	0: Automatic 1: A3 2: A4 3: LD 4: LT 5: A4-R 6: A5-R 7: LT-R 8: LG 9: B4 10: B5 11: ST-R 12: COMP 13: B5-R 14: FOLIO 15: 13"LG 16: 8.5"x 8.5" 18: A6-R 19: Size mixed 20: 8K 21: 16K 22: 16K-R	1
288	General	Searching interval of deleting expired files and checking capacity of HDD partitions	ALL	12 <1-24>	SYS	Sets the search interval of deleting expired files and checking capacity of HDD partitions. (Unit: Hour) * Related code 08-271	1
289	User interface	Default setting of background adjustment (Gray Scale)	ALL	3 <1-5>	SYS	1: Step -2 2: Step -1 3: Step 0 (center) 4: Step +1 5: Step +2	1
290	Network	Raw printing job (Duplex)	PRT	1 <0-1>	SYS	0: Valid 1: Invalid	1
291	Network	Raw printing job (Paper size)	PRT	EUR: 6 UC: 2 JPN: 6 <0 -13>	SYS	0: LD 1: LG 2: LT 3: COMP 4: ST 5: A3 6: A4 7: A5 8: A6 9: B4 10: B5 11: FOLIO 12: 13 "LG 13: 8.5" x 8.5"	1
292	Network	Raw printing job (Paper type)	PRT	0 <0-5>	SYS	0: Plain paper 1: Thick paper 1 2: Thick paper 2 3: Thick paper 3 4: OHP film 5: Tab paper	1
293	Network	Raw printing job (Paper direction)	PRT	0 <0-1>	SYS	0: Portrait 1: Landscape	1
294	Network	Raw printing job (Staple)	PRT	1 <0-1>	SYS	0: Valid 1: Invalid	1
295	Network	Raw printing job (Exit tray)	PRT	0 <0-6>	SYS	0: Inner tray 1: Finisher tray 1 2: Finisher tray 2 3: Unused 4: Unused 5: Unused 6: Unused	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
296	Network	Raw printing job (Number of form lines)	PRT	1200 <500- 12800>	SYS	Sets the number of form lines from 5 to 128. (A hundredfold of the number of form lines is defined as the setting value.)	1
297	Network	Raw printing job (PCL font pitch)	PRT	1000 <44- 9999>	SYS	Sets the font pitch from 0.44 to 99.99. (A hundredfold of the font pitch is defined as the setting value.)	1
298	Network	Raw printing job (PCL font size)	PRT	1200 <400- 99975>	SYS	Sets the font size from 4 to 999.75. (A hundredfold of the font size is defined as the setting value.)	1
299	Network	Raw printing job (PCL font number)	PRT	0 <0-79>	SYS	Sets the PCL font number.	1
300	User interface	Maximum number of copy volume (MAX9)	PPC	0 <0-2>	SYS	0: 999 1: 99 2: 9	1
301-0	Counter	Number of output pages at Full Color Mode in Copier Function	PPC (color)	0 <8 digits>	SYS	Counts the output pages at the Full Color Mode in the Copier Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08-353).	4
301-1							
301-2							
301-3							
301-4							
301-5							
301-6							
301-7							
301-8							
301-9							
301-10							
301-11							
301-12							
301-13							
301-14							
301-15							
301-16							
302	User interface	Original counter display	PPC	EUR: 2 UC: 0 JPN: 0 <0, 2, 4>	SYS	Sets whether the original counter is displayed or not. 0: Not displayed 2: Displayed 4: Displayed (Double-sized original is counted as 2.)	1

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
303-0	Counter	Number of output pages at Full Color Mode in Printer Func- tion	A3	PRT (color)	0 <8 digits>	SYS	Counts the output pages at the Full Color Mode in the Printer Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08- 353).	4
303-1			A4					
303-2			A5					
303-3			A6					
303-4			B4					
303-5			B5					
303-6			FOLIO					
303-7			LD					
303-8			LG					
303-9			LT					
303-10			ST					
303-11			COMP					
303-12			13"LG					
303-13			8.5" x 8.5"					
303-14			16K					
303-15			8K					
303-16			Others					
304-0	Counter	Number of output pages at Twin Color Mode in Copier Func- tion	A3	PPC (color)	0 <8 digits>	SYS	Counts the output pages at the Twin Color Mode in the Copier Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08- 353).	4
304-1			A4					
304-2			A5					
304-3			A6					
304-4			B4					
304-5			B5					
304-6			FOLIO					
304-7			LD					
304-8			LG					
304-9			LT					
304-10			ST					
304-11			COMP					
304-12			13"LG					
304-13			8.5" x 8.5"					
304-14			16K					
304-15			8K					
304-16			Others					

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
305-0	Counter	Number of output pages at Black Mode in Copier Function	A3	PPC (black)	0 <8 digits>	SYS	Counts the output pages at the Black Mode in the Copier Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08- 353).	4
305-1			A4					
305-2			A5					
305-3			A6					
305-4			B4					
305-5			B5					
305-6			FOLIO					
305-7			LD					
305-8			LG					
305-9			LT					
305-10			ST					
305-11			COMP					
305-12			13"LG					
305-13			8.5" x 8.5"					
305-14			16K					
305-15			8K					
305-16			Others					
306-0	Counter	Number of output pages at Black Mode in Printer Function	A3	PRT (black)	0 <8 digits>	SYS	Counts the output pages at the Black Mode in the Printer Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08- 353).	4
306-1			A4					
306-2			A5					
306-3			A6					
306-4			B4					
306-5			B5					
306-6			FOLIO					
306-7			LD					
306-8			LG					
306-9			LT					
306-10			ST					
306-11			COMP					
306-12			13"LG					
306-13			8.5" x 8.5"					
306-14			16K					
306-15			8K					
306-16			Others					

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
307-0	Counter	Number of output pages at List Print Mode	A3	PRT (black)	0 <8 digits>	SYS	Counts the output pages at the List Print Mode for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08- 353).	4
307-1			A4					
307-2			A5					
307-3			A6					
307-4			B4					
307-5			B5					
307-6			FOLIO					
307-7			LD					
307-8			LG					
307-9			LT					
307-10			ST					
307-11			COMP					
307-12			13"LG					
307-13			8.5" x 8.5"					
307-14			16K					
307-15			8K					
307-16			Others					
308-0	Counter	Number of output pages in FAX Func- tion	A3	FAX	0 <8 digits>	SYS	Counts the output pages in the FAX Func- tion for each paper size according to the setting for the count setting of large-sized paper (08- 352) and the definition setting of large-sized paper (08-353).	4
308-1			A4					
308-2			A5					
308-3			A6					
308-4			B4					
308-5			B5					
308-6			FOLIO					
308-7			LD					
308-8			LG					
308-9			LT					
308-10			ST					
308-11			COMP					
308-12			13"LG					
308-13			8.5" x 8.5"					
308-14			16K					
308-15			8K					
308-16			Others					

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
309-0	Counter	Number of scanning pages at Full Color Mode in Copier Function	A3	PPC (color)	0 <8 digits>	SYS	Counts the scanning pages at the Full Color Mode in the Copier Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08-353).	4
309-1			A4					
309-2			A5					
309-3			A6					
309-4			B4					
309-5			B5					
309-6			FOLIO					
309-7			LD					
309-8			LG					
309-9			LT					
309-10			ST					
309-11			COMP					
309-12			13"LG					
309-13			8.5" x 8.5"					
309-14			16K					
309-15			8K					
309-16	Others							
310-0	Counter	Number of scanning pages at Full Color Mode in Scanning Function	A3	SCN (color)	0 <8 digits>	SYS	Counts the scanning pages at the Full Color Mode in the Scanning Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08-353).	4
310-1			A4					
310-2			A5					
310-3			A6					
310-4			B4					
310-5			B5					
310-6			FOLIO					
310-7			LD					
310-8			LG					
310-9			LT					
310-10			ST					
310-11			COMP					
310-12			13"LG					
310-13			8.5" x 8.5"					
310-14			16K					
310-15			8K					
310-16	Others							

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
311-0	Counter	Number of scanning pages at Twin Color Mode in Copier Function	A3	PPC (color)	0 <8 digits>	SYS	Counts the scanning pages at the Twin Color Mode in the Copier Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08-353).	4
311-1			A4					
311-2			A5					
311-3			A6					
311-4			B4					
311-5			B5					
311-6			FOLIO					
311-7			LD					
311-8			LG					
311-9			LT					
311-10			ST					
311-11			COMP					
311-12			13"LG					
311-13			8.5" x 8.5"					
311-14			16K					
311-15			8K					
311-16			Others					
312-0	Counter	Number of scanning pages at Black Mode in Copier Function	A3	PPC (black)	0 <8 digits>	SYS	Counts the scanning pages at the Black Mode in the Copier Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08-353).	4
312-1			A4					
312-2			A5					
312-3			A6					
312-4			B4					
312-5			B5					
312-6			FOLIO					
312-7			LD					
312-8			LG					
312-9			LT					
312-10			ST					
312-11			COMP					
312-12			13"LG					
312-13			8.5" x 8.5"					
312-14			16K					
312-15			8K					
312-16			Others					

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
313-0	Counter	Number of scanning pages in Scanning Function	A3	SCN (black)	0 <8 digits>	SYS	Counts the scanning pages at the Black Mode in the Scanning Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08-353).	4
313-1			A4					
313-2			A5					
313-3			A6					
313-4			B4					
313-5			B5					
313-6			FOLIO					
313-7			LD					
313-8			LG					
313-9			LT					
313-10			ST					
313-11			COMP					
313-12			13"LG					
313-13			8.5" x 8.5"					
313-14			16K					
313-15			8K					
313-16	Others							
314-0	Counter	Number of scanning pages in FAX Function	A3	FAX	0 <8 digits>	SYS	Counts the scanning pages in the FAX Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08-353).	4
314-1			A4					
314-2			A5					
314-3			A6					
314-4			B4					
314-5			B5					
314-6			FOLIO					
314-7			LD					
314-8			LG					
314-9			LT					
314-10			ST					
314-11			COMP					
314-12			13"LG					
314-13			8.5" x 8.5"					
314-14			16K					
314-15			8K					
314-16	Others							

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
315-0	Counter	Number of transmitted pages in FAX Function	A3	FAX	0 <8 digits>	SYS	Counts the transmitted pages in the FAX Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08-353).	4
315-1			A4					
315-2			A5					
315-3			A6					
315-4			B4					
315-5			B5					
315-6			FOLIO					
315-7			LD					
315-8			LG					
315-9			LT					
315-10			ST					
315-11			COMP					
315-12			13"LG					
315-13			8.5" x 8.5"					
315-14			16K					
315-15			8K					
315-16			Others					
316-0	Counter	Number of received pages in FAX Function	A3	FAX	0 <8 digits>	SYS	Counts the received pages in the FAX Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08-353).	4
316-1			A4					
316-2			A5					
316-3			A6					
316-4			B4					
316-5			B5					
316-6			FOLIO					
316-7			LD					
316-8			LG					
316-9			LT					
316-10			ST					
316-11			COMP					
316-12			13"LG					
316-13			8.5" x 8.5"					
316-14			16K					
316-15			8K					
316-16			Others					

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
317-0	Counter	Display of number of output pages at Full Color Mode in Copier Function	Large	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages at the Full Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
317-1	Counter		Small	PPC (color)	0 <8 digits>	SYS		14
317-2	Counter		Total	PPC (color)	0 <8 digits>	SYS		14
318-0	Counter	Display of number of output pages at Full Color Mode in Printer Function	Large	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages at the Full Color Mode in the Printer Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
318-1	Counter		Small	PRT (color)	0 <8 digits>	SYS		14
318-2	Counter		Total	PRT (color)	0 <8 digits>	SYS		14
319-0	Counter	Display of number of output pages at Twin Color Mode in Copier Function	Large	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages at the Twin Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
319-1	Counter		Small	PPC (color)	0 <8 digits>	SYS		14
319-2	Counter		Total	PPC (color)	0 <8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
320-0	Counter	Display of number of output pages at Black Mode in Copier Function	Large	PPC (black)	0 <8 digits>	SYS	Counts the number of output pages at the Black Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
320-1	Counter		Small	PPC (black)	0 <8 digits>	SYS		14
320-2	Counter		Total	PPC (black)	0 <8 digits>	SYS		14
321-0	Counter	Display of number of output pages at Black Mode in Printer Function	Large	PRT (black)	0 <8 digits>	SYS	Counts the number of output pages at the Black Mode in the Printer Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
321-1	Counter		Small	PRT (black)	0 <8 digits>	SYS		14
321-2	Counter		Total	PRT (black)	0 <8 digits>	SYS		14
322-0	Counter	Display of number of output pages at List Print Mode	Large	PRT (black)	0 <8 digits>	SYS	Counts the number of output pages at the List Print Mode Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
322-1	Counter		Small	PRT (black)	0 <8 digits>	SYS		14
322-2	Counter		Total	PRT (black)	0 <8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
323-0	Counter	Display of number of output pages in FAX Func- tion	Large	FAX	0 <8 digits>	SYS	Counts the number of output pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08- 353 Small: Number of output pages other than set as large-sized paper Total: Total number out- put pages of all paper sizes.	14
323-1	Counter		Small	FAX	0 <8 digits>	SYS		14
323-2	Counter		Total	FAX	0 <8 digits>	SYS		14
324-0	Counter	Display of number of scanning pages at Full Color Mode in Copier Func- tion	Large	PPC (color)	0 <8 digits>	SYS	Counts the number of scanning pages at the Full Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08- 353 Small: Number of output pages other than set as large-sized paper Total: Total number out- put pages of all paper sizes.	14
324-1	Counter		Small	PPC (color)	0 <8 digits>	SYS		14
324-2	Counter		Total	PPC (color)	0 <8 digits>	SYS		14
325-0	Counter	Display of number of scanning pages at Full Color Mode in Scanning Function	Large	SCN (color)	0 <8 digits>	SYS	Counts the number of scanning pages at the Full Color Mode in the Scanning Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08- 353 Small: Number of output pages other than set as large-sized paper Total: Total number out- put pages of all paper sizes.	14
325-1	Counter		Small	SCN (color)	0 <8 digits>	SYS		14
325-2	Counter		Total	SCN (color)	0 <8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
326-0	Counter	Display of number of scanning pages at Twin Color Mode in Copier Function	Large	PPC (color)	0 <8 digits>	SYS	Counts the number of scanning pages at the Twin Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
326-1	Counter		Small	PPC (color)	0 <8 digits>	SYS		14
326-2	Counter		Total	PPC (color)	0 <8 digits>	SYS		14
327-0	Counter	Display of number of scanning pages at Black Mode in Copier Function	Large	PPC (black)	0 <8 digits>	SYS	Counts the number of scanning pages at the Black Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
327-1	Counter		Small	PPC (black)	0 <8 digits>	SYS		14
327-2	Counter		Total	PPC (black)	0 <8 digits>	SYS		14
328-0	Counter	Display of number of scanning pages in FAX Function	Large	FAX	0 <8 digits>	SYS	Counts the number of scanning pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
328-1	Counter		Small	FAX	0 <8 digits>	SYS		14
328-2	Counter		Total	FAX	0 <8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
329-0	Counter	Display of number of scanning pages in Scanning Function	Large	SCN (black)	0 <8 digits>	SYS	Counts the number of scanning pages in the Scanning Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
329-1	Counter		Small	SCN (black)	0 <8 digits>	SYS		14
329-2	Counter		Total	SCN (black)	0 <8 digits>	SYS		14
330-0	Counter	Display of number of transmitted pages in FAX Function	Large	FAX	0 <8 digits>	SYS	Counts the number of transmitted pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
330-1	Counter		Small	FAX	0 <8 digits>	SYS		14
330-2	Counter		Total	FAX	0 <8 digits>	SYS		14
331	User interface	Default setting of screen	ALL	0 <0-6>	SYS	Sets the screen to be displayed after the auto-clear time has passed or it has recovered from the energy saving mode or sleep mode. 0: Copier 1: Fax 2: Scan 3: Box 4: Job Status 5: Template 6: Custom	1	

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
332-0	Counter	Display of number of received pages in FAX Function	Large	FAX	0 <8 digits>	SYS	Counts the number of received pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-353 Small: Number of output pages other than set as large-sized paper Total: Total number output pages of all paper sizes.	14
332-1	Counter		Small	FAX	0 <8 digits>	SYS		14
332-2	Counter		Total	FAX	0 <8 digits>	SYS		14
333-0	Counter	Display of total number of pages at Full Color Mode	Large	ALL (color)	0 <8 digits>	SYS	Displays the total number of pages at Full Color Mode in the Copier/Printer/Scanning Functions.	14
333-1	Counter		Small	ALL (color)	0 <8 digits>	SYS		14
333-2	Counter		Total	ALL (color)	0 <8 digits>	SYS		14
334-0	Counter	Display of total number of pages at Twin Color Mode	Large	ALL (color)	0 <8 digits>	SYS	Displays the total number of pages at Twin Color Mode in the Copier Function.	14
334-1	Counter		Small	ALL (color)	0 <8 digits>	SYS		14
334-2	Counter		Total	ALL (color)	0 <8 digits>	SYS		14
335-0	Counter	Display of total number of pages at Black Mode	Large	ALL (black)	0 <8 digits>	SYS	Displays the total number of pages at Black Mode in the Copier/Printer/Scanning/FAX Functions.	14
335-1	Counter		Small	ALL (black)	0 <8 digits>	SYS		14
335-2	Counter		Total	ALL (black)	0 <8 digits>	SYS		14
342	User interface	Displaying number of original pages placed on original glass		PPC	0 <0-1>	SYS	This setting is whether the number of pages of originals placed on the original glass is displayed or not. 0: Not displayed 1: Displayed	1
343	User interface	Black-free function		ALL	0 <0-1>	SYS	0: Disabled 1: Enabled When "1" (enabled) is set at this code, "1" (black) is automatically set at the code 08-588.	1
344	Counter	Count setting of tab paper (PM)		ALL	1 <0-1>	M	0: Counted as 1 1: Counted as 2	1
346	Counter	Count setting of large-sized paper (PM)		ALL	1 <0-1>	M	0: Counted as 1 1: Counted as 2	1
347	Counter	Definition setting of large-sized paper (PM)		ALL	1 <0-1>	M	0: A3/LD 1: A3/LD/B4/LG/FOLIO/COMP	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
348	Counter	Count setting of thick paper (PM)	ALL	1 <0-1>	M	0: Counted as 1 1: Counted as 2	1
349	Counter	Count setting of OHP film (PM)	ALL	1 <0-1>	M	0: Counted as 1 1: Counted as 2	1
352	Counter	Count setting of large-sized paper (Fee charging system counter)	ALL	JPN: 0 OTHER: 1 <0-2>	M	0: Counted as 1 1: Counted as 2 2: Counted as 1 (Mechanical counter is double counter)	1
353	Counter	Definition setting of large-sized paper (Fee charging system counter)	ALL	0 <0-1>	M	0: A3/LD 1: A3/LD/B4/LG/ FOLIO/COMP/8k	1
356	Counter	Counter for upper drawer feeding	ALL	0 <8 digits>	M	Counts the number of sheets fed from upper drawer	2
357	Counter	Counter for lower drawer feeding	ALL	0 <8 digits>	M	Counts the number of sheets fed from lower drawer	2
358	Counter	Counter for bypass feeding	ALL	0 <8 digits>	M	Counts the number of sheets fed from bypass feed	2
359	Counter	Counter for LCF feeding	ALL	0 <8 digits>	M	Counts the number of sheets fed from LCF	2
360	Counter	Counter for PFP upper drawer feeding	ALL	0 <8 digits>	M	Counts the number of sheets fed from PFP upper drawer	2
370	Counter	Counter for PFP lower drawer feeding	ALL	0 <8 digits>	M	Counts the number of sheets fed from PFP lower drawer	2
372	Counter	Counter for ADU	ALL	0 <8 digits>	M	Counts the number of output pages of duplex printing.	2
374	Counter	Counter for RADF	ALL	0 <8 digits>	SYS	Counts the number of originals fed from RADF	2
375	Maintenance	Setting value of PM time counter display/0 clearing	ALL	Refer to content <8 digits>	M	<Default> e-STUDIO281c JPN:0 UC, EUR: 315,000 e-STUDIO351c JPN:0 UC, EUR: 315,000 e-STUDIO451c JPN: 0 UC, EUR: 315,000	1
376	Maintenance	Current value of PM time counter	ALL	0 <8 digits>	M	Counts the drum driving time (main motor ON).	1
381	Counter	Setting for counter installed externally	ALL	1 <0-7>	M	Selects the job to count up for the external counter. 0: Not selected 1: Copier 2: FAX 3: Copier/FAX 4: Printer 5: Copier/Printer 6: Printer/FAX 7: Copier/Printer/FAX	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
390	Counter	Number of errors in HDD (Copying)	PPC	0 <8 digits>	SYS	The number of error is reset at HDD formatting.	2
391	Counter	Number of errors in HDD (FAX)	FAX	0 <8 digits>	SYS		2
392	Counter	Number of errors in HDD (Scanning)	SCN	0 <8 digits>	SYS		2
393	Counter	Number of errors in HDD (Printer)	PRT	0 <8 digits>	SYS		2
398	Laser	Number of polygonal motor rotational speed switching	ALL	0 <8 digits>	M	Counts the number of time the polygonal motor has switched its rotational speed between normal rotation and standby rotation	2
399	Laser	Accumulated time of polygonal motor at normal rotation	ALL	0 <8 digits>	M	Accumulates the time the polygonal motor has rotated at normal rotation.	2
400	Fuser	Fuser unit error status counter	ALL	0 <0-29>	M	0: No error 1: C411 2: C412 3: C433 4: - 5: C445 6: C446 7: C447 8: - 9: C449 10: C475 11: C471 12: C472 13: - 14: - 15: C480 16: - 17: C490 18: - 19: C449 20: - 21: C449 22: C449 23: C449 24: C447 25: C449 26: - 27: C449 28: - 29: C449	1
409	Fuser	Fuser roller temperature at a energy saver mode (Center thermistor)	ALL	13 <0-16>	M	0: OFF 1: 40°C 2: 45°C 3: 50°C 4: 55°C 5: 60°C 6: 65°C 7: 70°C 8: 75°C 9: 80°C 10: 85°C 11: 90°C 12: 95°C 13: 100°C 14: 105°C 15: 110°C 16: 115°C	1
410-0	Fuser	Fuser roller temperature during printing (Center thermistor/Plain paper)	ALL (black)	12 <0-16>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C	4
410-1	Fuser		ALL (color)	11 <0-16>	M	8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: 180°C 13: 185°C 14: 190°C 15: 195°C 16: 200°C	4

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
411	Fuser	Fuser roller temperature on standby (Center thermistor)	ALL	12 <0-16>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: 180°C 13: 185°C 14: 190°C 15: 195°C 16: 200°C	1
412-0	Fuser	Fuser roller temperature during printing (Center thermistor/Thick paper 3)	ALL (black)	12 <0-16>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: 180°C 13: 185°C 14: 190°C 15: 195°C 16: 200°C	4
412-1			ALL (color)	12 <0-16>	M		4
413-0	Fuser	Fuser roller temperature during printing (Center thermistor/Thick paper 1)	ALL (black)	12 <0-16>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: 180°C 13: 185°C 14: 190°C 15: 195°C 16: 200°C	4
413-1			ALL (color)	12 <0-16>	M		4
415-0	Fuser	Period of time retaining print-start temperature (Thick paper 3)	ALL (black)	3 <0-10>	M	0: Invalid 1: 1 sec. 2: 2 sec 3: 3 sec 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec.	4
415-1			ALL (color)	2 <0-10>	M		4
416	Fuser	Temperature setting to start solving abnormality (Center/Side thermistor/Thick paper 3)	ALL	9 <0-12>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: Invalid	1
417-0	Fuser	Pre-running time for first printing (Thick paper 3)	ALL (black)	16 <0-16>	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4
417-1			ALL (color)	0 <0-16>	M		4
422	Fuser	Fuser roller temperature setting at the end of pre-running during warming-up	ALL	4 <0-16>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: 180°C 13: 185°C 14: 190°C 15: 195°C 16: 200°C	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
428-0	Fuser	Period of time retaining print-start temperature (Thick paper 2)	ALL (black)	3 <0-10>	M	0: Invalid 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec.	4
428-1			ALL (color)	2 <0-10>	M		4
430	Fuser	Transport motor speed deceleration (OHP film)	ALL (color)	1 <0-3>	M	Sets deceleration ratio of paper transport speed. 0: 1/1 1: 1/2 2: 1/3 3: 1/4	1
431		Transport motor speed deceleration (Thick paper 2)	ALL (color)	1 <0-3>	M		1
432		Transport motor speed deceleration (Thick paper 3)	ALL (color)	2 <0-3>	M		1
436	Fuser	Temperature setting to start solving abnormality(Center/Side thermistor/Thick paper2)	ALL	9 <0-12>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: Invalid	1
437-0	Fuser	Fuser roller temperature during printing (Center thermistor /Thick paper 2)	ALL (black)	12 <0-16>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: 180°C 13: 185°C 14: 190°C 15: 195°C 16: 200°C	4
437-1			ALL (color)	12 <0-16>	M		4
438-0	Fuser	Fuser roller temperature during printing (Center thermistor/OHP film)	ALL (black)	12 <0-16>	M	0: 120°C 1: 125°C 2: 130°C 3: 135°C 4: 140°C 5: 145°C 6: 150°C 7: 155°C 8: 160°C 9: 165°C 10: 170°C 11: 175°C 12: 180°C 13: 185°C 14: 190°C 15: 195°C 16: 200°C	4
438-1			ALL (color)	10 <0-16>	M		4
439-0	Fuser	Pre-running time for first printing (Thick paper 2)	ALL (black)	14 <0-16>	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4
439-1			ALL (color)	0 <0-16>	M		4

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
440-0	Fuser	Pre-running time for first printing (Plain paper/Low temperature environment)	ALL (black)	12 <0-16>	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec.	4
440-1			ALL (color)	0 <0-16>	M	11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4
441-0	Fuser	Pre-running time for first printing (Thick paper 1)	ALL (black)	9 <0-16>	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec.	4
441-1			ALL (color)	5 <0-16>	M	11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4
449	Paper feeding	Switching for incorrect paper size jam detection	ALL	0 <0-1>	M	0: Enabled 1: Disabled	1
458	Fuser	Threshold for warming-up temperature(Low-temperature environment)	ALL	6 <0-11>	M	0: 0°C 1: 5°C 2: 9°C 3: 10°C 4: 12°C 5: 14°C 6: 15°C 7: 16°C 8: 17°C 9: 18°C 10: 19°C 11: 20°C	1
459	Fuser	Warming-up time(Low-temperature environment)	ALL	7 <0-11>	M	0: No warming-up 1: 30 sec. 2: 40 sec. 3: 50 sec. 4: 60 sec. 5: 70 sec. 6: 80 sec. 7: 90 sec. 8: 100 sec. 9: 120 sec. 10: 180 sec. 11: 300 sec.	1
460	Fuser	Threshold of temperature for pre-running time for first printing(Low-temperature environment)	ALL	9 <0-11>	M	0: 0°C 1: 5°C 2: 9°C 3: 10°C 4: 12°C 5: 14°C 6: 15°C 7: 16°C 8: 17°C 9: 18°C 10: 19°C 11: 20°C	1
461	Fuser	Pre-running time for first printing(Plain paper/Low-temperature environment)	ALL	8 <0-11>	M	0: Invalid (always) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	1

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
462	RADF	Setting for switchback operation in mixed-size copying using RADF		ALL	0 <0-2>	SYS	<p>This setting is whether the original length is detected or not by transporting without scanning in reverse when A4-R/FOLIO paper or LT-R/LG paper is detected in a mixed-size copying.</p> <p>0: Disabled - AMS: A series - Judges as A4-R without transporting in reverse with no scanning. LT series - Judges whether it is LT-R or LG by its length without transporting in reverse with no scanning.</p> <p>APS: A series - Judges whether it is A4-R or FOLIO without transporting in reverse with no scanning. LT series - Judges whether it is LT-R or LG without transporting in reverse with no scanning.</p> <p>1: Enable 1 AMS: A series - Judges whether it is A4-R or FOLIO by transporting in reverse to detect its length. LT series - Judges whether it is LT-R or LG by transporting without scanning in reverse to detect its length.</p> <p>APS: The same as that of APS in 0: Disabled.</p> <p>2: Enable 2 AMS/APS: The same as that of AMS in 1: Enable 1.</p>	1
463-0	Paper feeding	Feeding retry number setting (upper drawer)	Plain paper	ALL	5 <0-5>	M	Sets the number of times of the feeding retry from the upper drawer.	4
463-1			Others	ALL	5 <0-5>	M		4

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
464-0	Paper feeding	Feeding retry number setting (lower drawer)	Plain paper	ALL	5 <0-5>	M	Sets the number of times of the feeding retry from the lower drawer.	4
464-1			Others	ALL	5 <0-5>	M		4
465-0	Paper feeding	Feeding retry number setting (PFP upper drawer)	Plain paper	ALL	5 <0-5>	M	Sets the number of times of the feeding retry from the PFP upper drawer.	4
465-1			Others	ALL	5 <0-5>	M		4
466-0	Paper feeding	Feeding retry number setting (PFP lower drawer)	Plain paper	ALL	5 <0-5>	M	Sets the number of times of the feeding retry from the PFP lower drawer.	4
466-1			Others	ALL	5 <0-5>	M		4
467-0	Paper feeding	Feeding retry number setting (bypass feed)	Plain paper	ALL	5 <0-5>	M	Sets the number of times of the feeding retry from the bypass tray.	4
467-1			Others	ALL	5 <0-5>	M		4
468-0	Paper feeding	Feeding retry number setting (LCF)	Plain paper	ALL	5 <0-5>	M	Sets the number of times of the feeding retry from the LCF.	4
468-1			Others	ALL	5 <0-5>	M		4
470	Paper feeding	Paper size (305x457 mm) feeding/widthwise direction		ALL	457/305 <148-457/105-305>	M		10
471	Paper feeding	Paper size (Post card) feeding/widthwise direction		ALL	148/100 <148-432/100-297>	M	* Post card is supported only for JPN model.	10
478	Laser	Judged number of polygonal motor rotation error (Normal rotation)		ALL	0 <0-1>	M	Displays the error [CA10] when the set number of rotation error has been detected. 0: 2 times 1: 12 times	1
479	Laser	Judged number of polygonal motor rotation error (At acceleration/deceleration)		ALL	0 <0-1>	M	0: Waiting time for polygonal motor rotation overshooting 0.6 sec. 1: Waiting time for polygonal motor rotation overshooting 2.2 sec.	1
480	Paper feeding	Default setting of paper source		PPC	0 <0-5>	SYS	0: A4/LT 1: LCF 2: Upper drawer 3: Lower drawer 4: PFP upper drawer 5: PFP lower drawer	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
481	Paper feeding	Automatic change of paper source	PPC	1 <0-2>	SYS	Sets whether or not changing the drawer automatically to the other drawer with the paper of the same size when paper in the selected drawer has run out. 0: OFF 1: ON (Changes to the drawer with the same paper direction and size: ex. A4 to A4) 2: ON (Changes to the drawer with the same paper size. Paper with the different direction is acceptable as long as the size is the same: ex., A4 to A4-R, LT-R to LT. "1" is applied when the staple/holepunch is specified.)	1
482	Paper feeding	Feeding retry setting	ALL	0 <0-1>	M	0: ON 1: OFF	1
483	Laser	Pre-running rotation of polygonal motor	ALL	0 <0-2>	SYS	Sets whether or not switching the polygonal motor from the standby rotation to the normal rotation when the original is set on the RADF or the platen cover is opened. 0: Valid (when using RADF and the original is set manually) 1: Invalid 2: Valid (when using RADF only)	1
484	Laser	Polygonal motor rotational status switching at the Auto Clear Mode	ALL	0 <0-1>	SYS	Sets whether or not switching the polygonal motor from the normal rotation to the standby rotation at the Auto Clear Mode. 0: Valid 1: Invalid	1
485	Laser	Rotational status of polygonal motor on standby	ALL	0 <0-1>	SYS	Sets the rotational status of polygonal motor on standby. 0: Rotated (The rotational speed is set at 08-490.) 1: Stopped	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
486	Laser	Timing of auto-clearing of polygonal motor pre-running rotation	ALL	0 <0-2>	SYS	Switches the polygonal motor to the standby rotation when a certain period of time has passed from the pre-running. At this code, the period to switch the status to the standby rotation is set. 0: 15 sec. 1: 30 sec. 2: 45 sec. * This setting is effective when "0" or "2" is set at 08-483.	1
487	Transfer	Selection of performing the 2nd transfer roller cleaning (Bypass feed)	ALL	0 <0-1>	M	0: Performs only at no paper size is designated 1: Performs regardless of designation of paper size	1
488	Laser	Setting of polygonal motor type	ALL	3 <2-3>	M	Set the type of polygonal motor. 2: 2 clock type 3: 3 clock type	1
489	Laser	Polygonal motor rotation number on standby	ALL	5 <0-5>	M	0: 38090.55rpm 1: 35000rpm 2: 30000rpm 3: 25000rpm 4: 20000rpm 5: 10000rpm	1
490	Laser	Polygonal motor rotation in the energy saving mode	ALL	0 <0-1>	M	0: Stopped 1: 10000rpm.	1
497	General	Speed switching for color printing	ALL (color)	0 <0-1>	M	Sets the speed for color printing. 0: 11 pages/minute 1: 6 pages/minute	1
502	Image	Error diffusion and dither setting at photo mode	PPC (black)	0 <0-1>	SYS	Sets the image reproduction method at photo mode. 0: Error diffusion 1: Dither	1
503	User interface	Default setting of density adjustment	PPC (black)	0 <0-1>	SYS	0: Automatic 1: Manual (Center)	1
511	Main charger	Main charger wire auto-cleaning setting	ALL	1 <0-1>	M	0: Invalid 1: Valid	1
526-0	Fuser	Pre-running time for first printing (OHP film)	ALL (black)	16 <0-16>	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4
526-1			ALL (color)	0 <0-16>	M		4

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
544	Image control	Environment correction control of 2nd transfer roller bias	ALL	1 <0-1>	M	Sets whether or not correcting the 2nd transfer roller bias depending on the environment. 0: Invalid 1: Valid	1
545	Image control	Transfer belt life correction of 2nd transfer roller bias	ALL	1 <0-1>	M	Sets whether or not correcting the 2nd transfer roller bias depending on the transfer belt life. 0: Invalid 1: Valid	1
546	Image control	2nd transfer roller life correction of 2nd transfer roller bias	ALL	1 <0-1>	M	Sets whether or not correcting the 2nd transfer roller bias depending on the 2nd transfer roller life. 0: Invalid 1: Valid	1
548	Transfer	Setting of 2nd transfer roller bias table (for each destination/paper thickness)	ALL	EUR:0 UC:1 JPN:2 <0-2>	M	0:80 g/m2 (21.3 lb.)/ EUR 1: 75 g/m2 (20 lb.)/ UC 2: 64 g/m2 (17.1 lb.)/ JPN	1
549	Image control	Image quality control/open-loop control 1	ALL	1 <0-1>	M	Sets whether or not performing the open-loop control 1. The open-loop control 1 is performed in advance of the closed-loop control. 0: Invalid 1: Valid	1
550	Image	Default setting of Original mode	PPC (black)	0 <0-3>	SYS	0: Text/Photo 1: Photo 2: Text 3: Gray Scale	1
551	Image control	Image quality control/open-loop control 2	ALL	1 <0-1>	M	Sets whether or not performing the open-loop control 2. The open-loop control 2 is performed before or during printing. 0: Invalid 1: Valid	1
552	Image control	Drum life correction control	ALL	1 <0-1>	M	Sets whether or not correcting the drum voltage depending on the drum life in open-loop control. 0: Invalid 1: Valid	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
553	Image control	Drum temperature correction control	ALL	1 <0-1>	M	Sets whether or not correcting the drum voltage depending on the drum surface temperature in open-loop control. 0: Invalid 1: Valid	1
554	Image control	Image quality open-loop control/Contrast voltage initial value	ALL	1 <0-1>	M	Sets whether or not deciding the initial value of contrast voltage in open-loop control. 0: Invalid 1: Valid	1
555	Image control	Drum life correction of laser power initial value	ALL	1 <0-1>	M	Sets whether or not correcting the laser power depending on the drum life when the laser power initial value is set in open-loop control. 0: Invalid 1: Valid	1
556	Image control	Image quality closed-loop control/Contrast voltage	ALL	1 <0-1>	M	Sets whether or not correcting the contrast voltage in closed-loop control. 0: Invalid 1: Valid	1
557	Image control	Image quality closed-loop control/Laser power	ALL	1 <0-1>	M	Sets whether or not correcting the laser power in closed-loop control. 0: Invalid 1: Valid	1
558	Image control	Contrast voltage/Correction gain environment setting	ALL	1 <0-1>	M	Sets whether or not switching the correction amount once at contrast voltage correction depending on the environment. 0: Invalid 1: Valid	1
559	Image control	Image quality closed-loop control automatic start-up/At power-ON	ALL (color)	1 <0-2>	M	Sets whether performing closed-loop control automatically at power-ON when the fuser roller temperature becomes below the specified level. 0: Invalid 1: Valid (at mode 1) 2: Valid (at mode 2)	1
560	Image1	Process switching for image smoothing (Text/Photo)	PPC (black)	1 <0-1>	M	Sets whether or not performing a smoothing process (primary scanning direction, 2,400 dpi or equivalent). 0: Invalid 1: Valid	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
561	Image	Process switching for image smoothing (Photo)	PPC (black)	0 <0-1>	M	Sets whether or not performing a smoothing process (primary scanning direction, 2,400 dpi or equivalent). 0: Invalid 1: Valid	1
562	Image	Process switching for image smoothing (Text)	PPC (black)	1 <0-1>	M		1
565	Image control	Image quality closed-loop control automatic start-up/ Relative humidity variation	ALL (color)	1 <0-2>	M	Sets whether or not performing closed-loop control automatically when the relative humidity becomes below the specified level from the previous control. 0: Invalid 1: Valid (at mode 1) 2: Valid (at mode 2)	1
566	Image control	Image quality closed-loop control automatic start-up/ Period of time unattended	ALL (color)	1 <0-2>	M	Sets whether or not performing closed-loop control automatically when the equipment has not been used for a specified period of time. 0: Invalid 1: Valid (at mode 1) 2: Valid (at mode 2)	1
567	Image control	Image quality closed-loop control automatic start-up/ Accumulated print volume	ALL (color)	2 <0-2>	M	Sets whether or not performing closed-loop control automatically when the specified number of sheets has been printed out from the previous control. 0: Invalid 1: Valid (at mode 1) 2: Valid (at mode 2)	1
568	Image control	Image quality closed-loop control automatic start-up/ When recovered from "Toner empty"	ALL (color)	2 <0-2>	M	Sets whether or not performing closed-loop control automatically when recovered from "Toner empty". 0: Invalid 1: Valid (at mode 1) 2: Valid (at mode 2)	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
569	Image control	Image quality closed-loop control automatic start-up/ Temperature setting of fuser roller at power-ON	ALL (color)	8 <0-20>	M	Sets the fuser roller temperature to perform closed-loop control when "1" or "2" (valid) is set in 08-559. 0: 20°C 1: 25°C 2: 30°C 3: 35°C 4: 40°C 5: 45°C 6: 50°C 7: 55°C 8: 60°C 9: 65°C 10: 70°C 11: 75°C 12: 80°C 13: 85°C 14: 90°C 15: 95°C 16: 100°C 17: 105°C 18: 110°C 19: 115°C 20: 120°C	1
570	Image control	Image quality closed-loop control automatic start-up/ Relative humidity difference setting	ALL (color)	4 <0-6>	M	Sets the relative humidity difference to perform the closed-loop control when "1" or "2" (valid) is set in 08-565. 0: 0% 1: 5% 2: 10% 3: 15% 4: 20% 5: 25% 6: 30%	1
571	Image control	Image quality closed-loop control automatic start-up/ Setting of period of time unattended	ALL (color)	4 <0-24>	M	Sets the period of time unattended to perform closed-loop control when "1" or "2" (valid) is set in 08-566. Setting value x 1 (hour)	1
572	Image control	Image quality closed-loop control automatic start-up/ Setting of accumulated print volume	ALL (color)	10 <0-30>	M	Sets the number of accumulated print volume to perform closed-loop control when "1" or "2" (valid) is set in 08-567. Setting value x 100 (pages)	1
573	Image control	Abnormality detection count (Y) Display/0 clearing	ALL	0 <0-16>	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1
574	Image control	Abnormality detection count (M) Display/0 clearing	ALL	0 <0-16>	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1
575	Image control	Abnormality detection count (C) Display/0 clearing	ALL	0 <0-16>	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1
576	Image control	Abnormality detection count (K) Display/0 clearing	ALL	0 <0-16>	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1

Setting mode (08)									
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents		Procedure
583-0	Fuser	Pre-running time at power-ON and ready status	Transport motor speed 1/1	ALL	1 <0-10>	M	0: 3 sec. 1: 6 sec. 2: 9 sec. 3: 12 sec. 4: 15 sec. 5: 18 sec. 6: 21 sec. 7: 24 sec. 8: 27 sec. 9: 30 sec. 10: 33 sec.	4	
583-1			Transport motor speed 1/2	ALL	4 <0-10>	M		4	
583-2			Transport motor speed 1/3	ALL	7 <0-10>	M		4	
584	Fuser	Transport motor speed of pre-running at ready status		ALL	0 <0-2>	M	0: Decelerating to 1/1 1: Decelerating to 1/2 2: Decelerating to 1/3	1	
585	User interface	Default setting of Original mode		PPC (color)	0 <0-4>	SYS	0: Text/Photo 1: Text 2: Printed image 3: Photo 4: Map	1	
586	Image	Image quality switching when selecting the Image Smoothing Mode		PPC (black)	0 <0-1>	SYS	Selects the method of image processing when the Image Smoothing is selected in the original modes. 0: Processing for Image Smoothing 1: Processing when judging as black in the ACS Mode	1	
587	User interface	Default setting of Density mode		PPC (color)	1 <0-1>	SYS	0: Automatic 1: Manual (Center)	1	
588	User interface	Default setting of Color mode		PPC	1 <0-2>	SYS	0: Auto color 1: Black 2: Full color	1	
589	Image	Image quality switching when judging as black in the ACS Mode		PPC (black)	1 <0-1>	SYS	Selects the method of image processing when the original is judged as black in the ACS Mode. 0: Processing for Image Smoothing 1: Processing when judging as black in the ACS Mode	1	
595	Image	Scanning operation switching at automatic calibration		PPC (color)	0 <0-1>	SYS	0: Scanning color/black integrated pattern 1: Scanning color pattern only	1	
597	Image	Gamma correction table all clearing		PRT (color)	-	SYS	Initializes the status of automatic gamma adjustment in color printing.	3	
602	User interface	Screen setting for automatic energy saver/automatic power OFF		ALL	EUR:0 UC:1 JPN:1 <0-1>	SYS	0: OFF 1: ON	1	

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
603	User interface	Setting for automatic duplexing mode	ALL	0 <0-3>	SYS	0: Invalid 1: Single-sided to duplex copying 2: Two-sided to duplex copying 3: User selection	1	
604	User interface	Default setting for APS/AMS	ALL	0 <0-2>	SYS	0: APS (Automatic Paper Selection) 1: AMS (Automatic Magnification Selection) 2: Not selected	1	
605	User interface	Centering printing of primary/secondary direction at AMS	PPC	1 <0-1>	SYS	0: Invalid 1: Valid	1	
607	User interface	Default setting of RADF mode	PPC	0 <0-1>	SYS	0: Continuous feeding (by pressing the [START] button) 1: Single feeding (by setting original on the tray)	1	
609-0	Image	Binarizing level setting (When judging as black in the ACS Mode)	Step -2	ALL	88 <0-255>	SYS	Sets the binarizing level of each step. When the value increases, the image becomes darker. When the value decreases, the image becomes lighter. * Refer to 08-268.	4
609-1			Step -1	ALL	108 <0-255>	SYS		4
609-2			Step 0 (center)	ALL	148 <0-255>	SYS		4
609-3			Step +1	ALL	178 <0-255>	SYS		4
609-4			Step +2	ALL	208 <0-255>	SYS		4
610	User interface	Key touch sound of control panel	ALL	1 <0-1>	SYS	0: OFF 1: ON	1	
611	User interface	Book type original priority	PPC	0 <0-1>	SYS	0: Left page to right page 1: Right page to left page	1	
612	General	Summer time mode	ALL	0 <0-1>	SYS	0: Not summer time 1: Summer time	1	
613	User interface	Paper size selection for [OTHER] button	PPC	EUR: FOLIO UC: COMP JPN: A5-R	SYS	Press the icon on the LCD to select the size.	9	
614	Network	Local I/F time-out period	ALL	6 <1-50>	SYS	Sets the period of time when the job is judged as completed in local I/F printing (USB or parallel). 1: 1.0 sec. 2: 1.5 sec. 50: 25.5 sec. (in increments of 0.5 sec.)	1	

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
615	General	Size information of main memory and page memory	ALL	-	SYS	Displays the sizes of the main memory and page memory. Enables to check if each memory is properly recognized.	2
616	Counter	Counting method in Twin Color Mode (Limitation Function)	ALL	JPN: 1 UC: 0 EUR: 0 <0-1>	SYS	Sets the counting method in Twin Color Mode with the Limitation Function. 0: Count as color 1: Count as black	1
617	User interface	Print setting without department code	ALL	1 <0-2>	SYS	0: Printed forcibly 1: Not printed 2: Deleted forcibly	1
618	User interface	Default setting of RADF original size	PPC	0 <0-1>	SYS	0: Same size originals 1: Mixed size originals	1
619	Paper feeding	Time lag before auto-start of bypass feeding	ALL	4 <0-10>	SYS	Sets the time taken to add paper feeding when paper in the bypass tray has run out during the bypass feed copying. 0: Paper is not drawn in unless the [START] button is pressed. 1-10: Setting value x 0.5sec.	1
620	User interface	Department management setting (Copier)	PPC	1 <0-1>	SYS	0: Invalid 1: Valid	1
621	User interface	Department management setting (FAX)	FAX	1 <0-1>	SYS	0: Invalid 1: Valid	1
622	User interface	Department management setting (Printer)	PRT	1 <0-1>	SYS	0: Invalid 1: Valid	1
623	User interface	Department management setting (Scanner)	SCN	1 <0-1>	SYS	0: Invalid 1: Valid	1
624	User interface	Department management setting (List print)	PRT	1 <0-1>	SYS	0: Invalid 1: Valid	1
625	User interface	Blank copying prevention mode during RADF jamming	PPC	0 <0-1>	SYS	0: OFF 1: ON (Start printing when the scanning of each page is finished)	1
627	User interface	Rotation printing at the nonsorting	ALL	0 <0-1>	SYS	0: Not rotating 1: Rotating	1
628	User interface	Direction priority of original image	PPC	0 <0-1>	SYS	0: Automatic 1: Portrait	1
629	User interface	Department management setting	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
632	User interface	Automatic calibration disclosure level	PPC	1 <0-2>	SYS	Sets the disclosing level of automatic calibration. 0: Service technician 1: Administrator 2: User	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
633	Data overwrite kit	Releasing F200 service call	ALL	0 <0-2>	SYS	0: Not used 1: Board installed 2: Service call	1
634	User interface	Inner receiving tray priority at Non-sort Mode	ALL	0 <0-1>	SYS	0: Normal 1: Inner receiving tray	1
636	User interface	Width setting for image shift copying (linkage of front side and back side)	PPC	0 <0-1>	SYS	0: ON 1: OFF	1
638	General	Time differences	ALL	EUR: 24 UC: 40 JPN: 6 <0-47>	SYS	0: +12.0h 1: +11.5h 2: +11.0h 3: +10.5h 4: +10.0h 5: 9.5h 6: +9.0h 7: +8.5h 8: +8.0h 9: +7.5h 10: +7.0h 11: +6.5h 12: +6.0h 13: +5.5h 14: +5.0h 15: +4.5h 16: +4.0h 17: +3.5h 18: +3.0h 19: +2.5h 20: +2.0h 21: +1.5h 22: +1.0h 23: +0.5h 24: 0.0h 25: -0.5h 26: -1.0h 27: -1.5h 28: -2.0h 29: -2.5h 30: -3.0h 31: -3.5h 32: -4.0h 33: -4.5h 34: -5.0h 35: -5.5h 36: -6.0h 37: -6.5h 38: -7.0h 39: -7.5h 40: -8.0h 41: -8.5h 42: -9.0h 43: -9.5h 44: -10.0h 45: -10.5h 46: -11.0h 47: -11.5h	1
640	User interface	Date display format	ALL	EUR:1 UC:2 JPN:0 <0-2>	SYS	0: YYYY.MM.DD. 1: DD.MM.YYYY 2: MM.DD.YYYY	1
641	User interface	Automatic Sorting Mode setting (RADF)	PPC	2 <0-4>	SYS	0: Invalid 1: STAPLE 2: SORT 3: GROUP 4: ROTATE SORT	1
642	User interface	Default setting of Sorter Mode	PPC	0 <0-4>	SYS	0: NON-SORT 1: STAPLE 2: SORT 3: GROUP 4: ROTATE SORT	1
643	User interface	Color 1 at twin color selec- tion (Select what color black in original is copied)	PPC (color)	0 <0-6>	SYS	0: K 1: Y 2: M 3: C 4: R 5: G 6: B	1
644	User interface	Color 2 at twin color selec- tion (Select what color other than black in original is copied)	PPC (color)	4 <0-6>	SYS	0: K 1: Y 2: M 3: C 4: R 5: G 6: B	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
645	User interface	Correction of reproduction ratio in editing copy	PPC	10 <0-10>	SYS	Sets the reproduction ratio for the "X in 1" printing (including magazine sort) to the "Reproduction ratio x Correction ratio". 0: 90% 1: 91% 2: 92% 3: 93% 4: 94% 5: 95% 6: 96% 7: 97% 8: 98% 9: 99% 10: 100%	1
646	User interface	Image position in editing	PPC	0 <0-1>	SYS	Sets the page pasted position for "X in 1" to the upper left corner/center. 0: Cornering 1: Centering	1
648	User interface	Returning finisher tray when printing is finished	ALL	0 <0-1>	SYS	Sets whether or not returning the finisher tray to the bin 1 when printing is finished. 0: Not returned 1: Returned	1
649	User interface	Magazine sort setting	PPC	0 <0-1>	SYS	0: Left page to right page 1: Right page to left page	1
650	User interface	2 in 1/4 in 1 page allocating order setting	PPC	0 <0-1>	SYS	0: Horizontal 1: Vertical	1
651	User interface	Printing format setting for Time Stamp and Page Number	PPC	2 <0-3>	SYS	Hyphen (with page number) /Dropout (with date, time and page number) 0: OFF/OFF 1: ON/OFF 2: OFF/ON 3: ON/ON Note: Hyphen printing format ON: -1- OFF: 1	1
652	User interface	Cascade operation setting	PPC	0 <0-1>	SYS	0: OFF 1: ON	1
653	User interface	Cascade operation setting	PRT	0 <0-1>	SYS	0: OFF 1: ON	1
657	User interface	Default setting of printing direction for Time Stamp and Page Number	PPC	0 <0-1>	SYS	0: Short edge 1: Long edge	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
658	User interface	Auto-start setting for bypass feed printing	PRT	0 <0-1>	SYS	Sets whether or not feeding a paper automatically into the copier when it is placed on the bypass tray. 0: OFF (Press the [START] button to start feeding.) 1: ON (Automatic feeding)	1
659	User interface	Auto-start setting for bypass feed printing	PPC	1 <0-1>	SYS	Sets whether or not feeding a paper automatically into the copier when it is placed on the bypass tray. 0: OFF (Press the [START] button to start feeding.) 1: ON (Automatic feeding)	1
660	Network	Auto-forwarding setting of received FAX	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
661	Network	Auto-forwarding setting of received E-mail	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
662	General	Clearing of SMS partition	ALL	-	SYS	Clears SMS partition. (Performs when the service call [F106] has occurred.)	3
663	Counter	Counting method in Twin Color Mode	PPC	0 <0-2>	SYS	Sets the counting method of fee charging or department count in Twin Color Mode. 0: Count as Twin Color Mode 1: Count as Black Mode 2: Count as Full Color Mode	1
665	General	M/SYS all clearing	ALL	-	M/SYS	Initializes all the adjustment modes and setting modes.	3
666	General	BOX partition clearing	ALL	-	SYS	Initializes the Electronic Filing.	3
667	General	/SHA partition clearing	ALL	-	SYS	Initializes the shared folder.	3
669	General	System all clearing	ALL	-	SYS	Initializes system NVRAM area.	3
670	General	HDD diagnostic menu display	ALL	-	SYS	Display the HDD information (Chap. 5.3.6)	2
671	User interface	Size indicator	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
672	General	Initialization of department management information		-	-	SYS	Initializing of the department management information * Enter the code with the digital keys and press the [INITIALIZE] button to perform the initialization. If the area storing the department management information is destroyed for some reason, "Enter Department Code" is displayed on the control panel even if the department management function is not set on. In this case, initialize the area with this code. This area is normally initialized at the factory.	3
675-0	Paper feeding	Coated Paper Mode setting for paper source	Upper drawer	ALL	0 <0-1>	SYS	Sets whether or not applying the Coated Paper Mode to each paper source. 0: Normal mode 1: Coated Paper Mode * Coated Paper Mode - This mode is selected when the paper which often causes the misfeeding (ex. coated paper) is used. The occurrence of misfeeding is reduced by lengthening the jam detection time. However, the printing speed is lowered since the printing cycle is also lengthened with the lengthened jam detection time.	4
675-1			Lower drawer	ALL	0 <0-1>	SYS		4
675-2			PFP upper drawer	ALL	0 <0-1>	SYS		4
675-3			PFP lower drawer	ALL	0 <0-1>	SYS		4
675-4			LCF	ALL	0 <0-1>	SYS		4

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
676	Paper feeding	Bypass copy printing [COATED] button display	PPC	0 <0-1>	SYS	Sets whether or not displaying the [COATED] button on the LCD screen at bypass feeding. 0: Not displayed 1: Displayed (The Coated Paper Mode is applied by pressing the [COATED] button at bypass feeding.) * Coated Paper Mode - This mode is selected when the paper which often causes the misfeeding (ex. coated paper) is used. The occurrence of misfeeding is reduced by lengthening the jam detection time. However, the printing speed is lowered since the printing cycle is also lengthened with the lengthened jam detection time.	1	
677-0	Paper feeding	Coated Paper Mode setting at bypass feeding	Plain paper	PRT	0 <0-1>	SYS	Sets whether or not applying the Coated Paper Mode on each paper type at bypass printing. 0: Normal mode 1: Coated Paper Mode * Coated Paper Mode - This mode is selected when the paper which often causes the misfeeding (ex. coated paper) is used. The occurrence of misfeeding is reduced by lengthening the jam detection time. However, the printing speed is lowered since the printing cycle is also lengthened with the lengthened jam detection time.	4
677-1			Thick paper 1	PRT	0 <0-1>	SYS		4
677-2			Thick paper 2	PRT	0 <0-1>	SYS		4
677-3			Thick paper 3	PRT	0 <0-1>	SYS		4
677-4			OHP film	PRT	0 <0-1>	SYS		4
677-5			Envelop	PRT	0 <0-1>	SYS		4

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
678	General	Setting of banner advertising display	ALL	0 <0-1>	SYS	Sets whether or not displaying the banner advertising. The setting contents of 08-679 and 08-680 are displayed at the time display section on the right top of the screen. When both are set, each content is displayed alternately. 0: Not displayed 1: Displayed	1
679	General	Banner advertising display 1	ALL	-	SYS	Maximum 27 letters (one-byte character)	11
680	General	Banner advertising display 2	ALL	-	SYS	Maximum 27 letters (one-byte character)	11
681	General	Display of [BANNER MESSAGE] button	ALL	0 <0-1>	SYS	0: Not displayed 1: Displayed * This button enables the entry of "Banner advertising display 1 (08-679)" and "Banner advertising display 2 (08-680)" on the control panel.	1
682	Use interface	Offsetting between jobs	ALL	1 <0-1>	SYS	0: Invalid 1: Valid	1
683	General	Duplex printing setting when coin controller is used	ALL	1 <0-1>	SYS	When the duplex printing is short paid with a coin controller, reverse side of the original is not printed and is considered as a defect (printing job may be cleared). To solve this problem, the selection of printing method is enabled with this setting. 0: Invalid (Both sides printed) 1: Valid (Only one side printed)	1
684	General	Rebuilding all databases	ALL	-	SYS	Rebuilds all databases.	3
685	General	Rebuilding all databases related to Address Book	ALL	-	SYS	Rebuilds all databases related to the Address Book.	3
686	General	Rebuilding all databases related to log	ALL	-	SYS	Rebuilds all databases related to the logs.	3
689	FAX	Adaptation of paper source priority selection	FAX	0 <0-1>	SYS	0: Not subjected for APS judgment 1: Subjected for APS judgment	1
690	General	HDD formatting	ALL	- <2>	SYS	2: Normal formatting	7
691	General	HDD type display	ALL	- <0-2>	SYS	0: Not formatted 1: Not used 2: Normal format	7

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
692	Maintenance	Performing panel calibration	ALL	-	SYS	Performs the calibration of the pressing position on the touch panel (LCD screen). The calibration is performed by pressing 2 reference positions after this code is started up.	1
693	General	Initialization of NIC information	ALL	-	SYS	Returns the value to the factory shipping default value.	3
694	General	Performing HDD testing	ALL	-	SYS	Checks the bad sector.	3
696	Scrambler board	Installation of scrambler board (Option)	ALL	0 <0-1>	-	0: Not installed 1: Installed	2
697	Paper feeding	Paper type priority	PPC	1 <1-2>	SYS	Sets the paper type priority during copying. 1: Normal paper 2: Thick paper 1	1
698	Scrambler board	Entering the key code for scrambler board	ALL	-	-	Start up this code and have the user enter the key code. Once the key code has been set, this code cannot be set again on security grounds.	5
699	Scrambler board	Erasing all data in HDD	ALL	-	-	This setting is effective only when the scrambler board is installed.	3
701	FAX	Destination setting for FAX	FAX	EUR: 5 UC: 4 JPN: 0 Other: 1 <0-25>	SYS	0: Japan 1: Asia 2: Australia 3: Hong Kong 4: U.S.A./Canada 5: Germany 6: U.K. 7: Italy 8: Belgium 9: Netherlands 10: Finland 11: Spain 12: Austria 13: Switzerland 14: Sweden 15: Denmark 16: Norway 17: Portugal 18: France 19: Greece 20: Poland 21: Hungary 22: Czech 23: Turkey 24: South Africa 25: Taiwan	1

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
702	Maintenance	Remote-controlled service function		ALL	2 <0-2>	SYS	0: Valid (Remote-controlled server) 1: Valid (L2) 2: Invalid	1
703	Maintenance	Remote-controlled service HTTP server URL setting		ALL	-	SYS	Maximum 256 Bytes	11
704-0		Interruption of stapling operation (no staple)	Copying	ALL	1 <0-1>	SYS	0: Continues printing by switching sort setting 1: Interrupts printing	4
704-1			Printing / BOX printing	ALL	0 <0-1>	SYS	0: Continues printing by switching sort setting 1: Interrupts printing	4
707	Maintenance	Remote-controlled service HTTP initially-registered server URL setting		ALL	https://device.mfp-support.com:443/device/firstregist.ashx	SYS	Maximum 256 Bytes	11
710	Maintenance (Remote)	Short time interval setting of recovery from Emergency Mode		ALL	24 <1-48>	SYS	Sets the time interval to recover from the Emergency Mode to the Normal Mode. (Unit: Hour)	1
711	Maintenance	Short time interval setting of Emergency Mode		ALL	60 <30-360>	SYS	Unit: Minute	1
715	Maintenance	Remote-controlled service periodical polling timing (Hour/Minute/Minute)		ALL	1230	SYS	0 (0:00) to 2359 (23:59)	1
716	Maintenance	Remote-controlled service Writing data of self-diagnostic code		ALL	0 <0-1>	SYS	0: Prohibited 1: Accepted	1
717	Maintenance	Remote-controlled service response waiting time (Timeout)		ALL	3 <1-30>	SYS	Unit: Minute	1
718	Maintenance	Remote-controlled service initial registration		ALL	0 <0-2>	SYS	0: OFF 1: Start 2: Only certification is scanned	1
719	Maintenance	Remote-controlled service tentative password		ALL	-	SYS	Maximum 10 letters	11
720	Maintenance	Status of remote-controlled service initial registration (Display only)		ALL	0 <0-1>	SYS	0: Not registered 1: Registered	2
721	Maintenance	Service center call function		ALL	2 <0-2>	SYS	0: OFF 1: Notifies all service calls 2: Notifies all but paper jams	1
723	Maintenance	Service center call HTTP server URL setting		ALL	-	SYS	Maximum 256 letters	11
726	Maintenance	HTTP proxy setting		ALL	1 <0-1>	SYS	0: Valid 1: Invalid	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
727	Maintenance	HTTP proxy IP address setting	ALL	-	SYS	000.000.000.000 - 255.255.255.255 (Default value 000.000.000.000)	11
728	Maintenance	HTTP proxy port number setting	ALL	0 <0-65535>	SYS		1
729	Maintenance	HTTP proxy ID setting	ALL	-	SYS	Maximum 30 letters	11
730	Maintenance	HTTP proxy password setting	ALL	-	SYS	Maximum 30 letters	11
731	Maintenance	HTTP proxy panel display	ALL	1 <0-1>	SYS	0: Valid 1: Invalid	1
732	Maintenance (Remote)	Automatic ordering function of supplies	ALL	3 <0-3>	SYS	0: Ordered by FAX 1: Ordered by E-mail 2: Ordered by HTTP 3: OFF	1
733	Maintenance (Remote)	Automatic ordering function of supplies FAX number	ALL	-	SYS	Maximum 32 digits Enter hyphen with the [Monitor/Pause] button	11
734	Maintenance (Remote)	Automatic ordering function of supplies E-mail address	ALL	-	SYS	Maximum 192 letters List: 256 digits	11
738	Maintenance (Remote)	Automatic ordering function of supplies User's name	ALL		SYS	Maximum 50 letters	11
739	Maintenance (Remote)	Automatic ordering function of supplies User's telephone number	ALL		SYS	Maximum 32 digits Enter hyphen with the [Monitor/Pause] button	11
740	Maintenance (Remote)	Automatic ordering function of supplies User's E-mail address	ALL		SYS	Maximum 192 letters List: 256 digits	11
741	Maintenance (Remote)	Automatic ordering function of supplies User's address	ALL		SYS	Maximum 100 letters	11
742	Maintenance (Remote)	Automatic ordering function of supplies Service number	ALL		SYS	Maximum 5 digits	11
743	Maintenance (Remote)	Automatic ordering function of supplies Service technician's name	ALL		SYS	Maximum 50 letters	11
744	Maintenance (Remote)	Automatic ordering function of supplies Service technician's telephone number	ALL		SYS	Maximum 32 digits Enter hyphen with the [Monitor/Pause] button	11
745	Maintenance (Remote)	Automatic ordering function of supplies Service technician's E-mail address	ALL		SYS	Maximum 192 letters List: 256 digits	11
746	Maintenance (Remote)	Automatic ordering function of supplies Supplier's name	ALL		SYS	Maximum 50 letters	11
747	Maintenance (Remote)	Automatic ordering function of supplies Supplier's address	ALL		SYS	Maximum 100 letters	11

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
748	Maintenance (Remote)	Automatic ordering function of supplies Notes	ALL		SYS	Maximum 128 letters	11
749	Maintenance (Remote)	Information about supplies Part number of toner cartridge C	ALL		SYS	Maximum 20 digits	11
750	Maintenance (Remote)	Information about supplies Order quantity of toner cartridge C	ALL	1 <1-99>	SYS		1
751	Maintenance (Remote)	Information about supplies Condition number of toner cartridge C	ALL	1 <1-99>	SYS		1
752	Maintenance (Remote)	Information about supplies Part number of toner cartridge M	ALL		SYS	Maximum 20 digits	11
753	Maintenance (Remote)	Information about supplies Order quantity of toner cartridge M	ALL	1 <1-99>	SYS		1
754	Maintenance (Remote)	Information about supplies Condition number of toner cartridge M	ALL	1 <1-99>	SYS		1
755	Maintenance (Remote)	Information about supplies Part number of toner cartridge Y	ALL	-	SYS	Maximum 20 digits	11
756	Maintenance (Remote)	Information about supplies Order quantity of toner cartridge Y	ALL	1 <1-99>	SYS		1
757	Maintenance (Remote)	Information about supplies Condition number of toner cartridge Y	ALL	1 <1-99>	SYS		1
758	Maintenance (Remote)	Information about supplies Part number of toner cartridge K	ALL	-	SYS	Maximum 20 digits	11
759	Maintenance (Remote)	Information about supplies Order quantity of toner cartridge K	ALL	1 <1-99>	SYS		1
760	Maintenance (Remote)	Information about supplies Condition number of toner cartridge K	ALL	1 <1-99>	SYS		1
761	Maintenance (Remote)	Information about supplies Part number of toner bag	ALL	-	SYS	Maximum 20 digits	11
762	Maintenance (Remote)	Information about supplies Order quantity of toner bag	ALL	1 <1-99>	SYS		1
763	Maintenance (Remote)	Information about supplies Condition number of toner bag	ALL	1 <1-99>	SYS		1
764	Maintenance (Remote)	Automatic ordering supplies Result table printout	ALL	1 <0-2>	SYS	0: OFF 1: Always 2: ON Error	1
765	Maintenance (Remote)	Automatic ordering supplies Display	ALL	2 <0-2>	SYS	0: Valid (FAX/Internet FAX) 1: Valid (FAX/Internet FAX/HTTP) 2: Invalid	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
767	Maintenance (Remote)	Service Notification setting	ALL	0 <0-2>	SYS	Enables to set up to 3 E-mail addresses to be sent. (08-768, 777, 778) 0: Invalid 1: Valid (E-mail) 2: Valid (FAX)	1
768	Maintenance (Remote)	Destination E-mail address 1	ALL	-	SYS	Maximum 192 letters	11
769	Maintenance (Remote)	Total counter information transmission setting	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
770	Maintenance (Remote)	Total counter transmission date setting	ALL	1 <1-31>	SYS	1 to 31	1
771	Maintenance (Remote)	PM counter notification setting	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
772	Maintenance	Dealer's name	ALL	-	SYS	Maximum 100 letters Needed at initial registration	11
773	Maintenance	Login name	ALL	-	SYS	Maximum 20 letters Needed at initial registration	11
774	Maintenance (Remote)	Display setting of [Service Notification] button	ALL	0 <0-1>	SYS	0: Not displayed 1: Displayed	1
775	Maintenance (Remote)	Sending error contents of equipment	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
776	Maintenance (Remote)	Setting total counter transmission interval (Hour/Minute/Minute)	ALL	-	SYS		1
777	Maintenance (Remote)	Destination E-mail address 2	ALL	-	SYS	Maximum 192 letters	11
778	Maintenance (Remote)	Destination E-mail address 3	ALL	-	SYS	Maximum 192 letters	11
780	Maintenance	Remote-controlled service polling day selection Day-1	ALL	0 <0-31>	SYS	0: OFF 1 to 31: 1st to 31st of a month	1
781	Maintenance	Remote-controlled service polling day selection Day-2	ALL	0 <0-31>	SYS	0: OFF 1 to 31: 1st to 31st of a month	1
782	Maintenance	Remote-controlled service polling day selection Day-3	ALL	0 <0-31>	SYS	0: OFF 1 to 31: 1st to 31st of a month	1
783	Maintenance	Remote-controlled service polling day selection Day-4	ALL	0 <0-31>	SYS	0: OFF 1 to 31: 1st to 31st of a month	1

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
784	Maintenance	Remote-controlled service polling day selection Sunday	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
785	Maintenance	Remote-controlled service polling day selection Monday	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
786	Maintenance	Remote-controlled service polling day selection Tuesday	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
787	Maintenance	Remote-controlled service polling day selection Wednesday	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
788	Maintenance	Remote-controlled service polling day selection Thursday	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
789	Maintenance	Remote-controlled service polling day selection Friday	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
790	Maintenance	Remote-controlled service polling day selection Saturday	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
791	Maintenance	Information of supplies setting of toner cartridge C	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
792	Maintenance	Information of supplies setting of toner cartridge M	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
793	Maintenance	Information of supplies setting of toner cartridge Y	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
794	Maintenance	Information of supplies setting of toner cartridge K	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
795	Maintenance	Information of supplies setting of toner bag	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
796	Maintenance	Remote-controlled service lengthened interval polling (End of month)	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1	
797	Maintenance	Firmware download	ALL	0 <0-1>	SYS	0: Accepted 1: Prohibited	1	
816	Transfer	1st transfer roller bias resistance detection control	ALL	1 <0-1>	M	0: Disabled 1: Enabled	1	
817	Transfer	2nd transfer roller bias temperature detection control	ALL	1 <0-1>	M	0: Disabled 1: Enabled	1	
818	Transfer	Temperature correction factor table setting	ALL	JPN: 1 UC: 0 EUR: 0 Others: 1 <0-1>	M	0: No Damp Heater 1: Damp Heater installed	1	
819-0	Development	Color auto-toner sensor output setting for initial developer material	Y	ALL (color)	256 <0-1023>	M	Sets the target output value of color auto-toner sensor to the sleeve in the auto-toner control. (This is set when performing the automatic adjustment of auto-toner sensor.)	4
819-1			M	ALL (color)	256 <0-1023>	M		4
819-2			C	ALL (color)	256 <0-1023>	M		4

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
820-0	Development	Color auto-toner sensor output display for developer material	Y	ALL (color)	- <0-1023>	M	Displays the output value of the color auto-toner sensor to the sleeve in color printing.	4
820-1			M	ALL (color)	- <0-1023>	M		4
820-2			C	ALL (color)	- <0-1023>	M		4
821	Development	ON/OFF of the mode for developer material stabilization		ALL (color)	0 <0-1>	M	Sets whether or not performing an aging to stabilize the status of developer material when the toner density is uneven or the toner charging amount is lowered. 0: ON 1: OFF	1
822-0	Development	Number of times the mode for developer material stabilization is performed	Y	ALL (color)	0 <0-255>	M	Displays the number of times the developer material stabilization is performed.	4
822-1			M	ALL (color)	0 <0-255>	M		4
822-2			C	ALL (color)	0 <0-255>	M		4
823-0	Development	Color auto-toner sensor/light amount correction voltage abnormal detection	Y	ALL (color)	0 <0-1>	M	Displays "1" when the abnormal output voltage is detected for the color auto-toner sensor light amount correction. ([CF40] error) 0: Normal 1: Abnormality detected	4
823-1			M	ALL (color)	0 <0-1>	M		4
823-2			C	ALL (color)	0 <0-1>	M		4
824-0	Development	Color auto-toner sensor/toner density detection voltage abnormal detection	Y	ALL (color)	0 <0-1>	M	Displays "1" when the abnormal toner density detection voltage is detected. ([CF20] error) 0: Normal 1: Abnormality detected	4
824-1			M	ALL (color)	0 <0-1>	M		4
824-2			C	ALL (color)	0 <0-1>	M		4
849	Fuser	Fusing control switching for TWD and SAD models		ALL	Other than TWD and SAD: 0 TWD and SAD: 1 <0-1>	M		1
858-0	Development	Color toner forced supply level display	Y	ALL (color)	0 <0-1>	M	Becomes "1" when the toner density decreases and it is judged forced toner supply is needed. 0: Normal level 1: Forced supply level	14
858-1			M	ALL (color)	0 <0-1>	M		14
858-2			C	ALL (color)	0 <0-1>	M		14

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
859-0	Development	Toner empty detection	Y	ALL (color)	0 <0-1>	M	Becomes "1" when detecting the toner empty. 0: Normal 1: Empty detected	14
859-1			M	ALL (color)	0 <0-1>	M		14
859-2			C	ALL (color)	0 <0-1>	M		14
860-0	Development	Color auto-toner sensor/ proper range setting of OFF level voltage	Upper limit	ALL (color)	20 <0-1023>	M	Sets the range for judging whether the sensor output value when the sensor light source is OFF is correct or not.	4
860-1			Lower limit	ALL (color)	0 <0-1023>	M		4
861-0	Development	Color auto-toner sensor/ proper range setting of standard light amount voltage	Upper limit	ALL (color)	205 <0-255>	M	Sets the range for judging whether the adjustment result of sensor light amount is correct or not.	4
861-1			Lower limit	ALL (color)	40 <0-255>	M		4
862-0	Development	Color auto-toner sensor/ proper range setting of reference plate output	Upper limit	ALL (color)	950 <0-1023>	M	Sets the range for judging whether the sensor output value for the reference plate is correct or not.	4
862-1			Lower limit	ALL (color)	205 <0-1023>	M		4
863-0	Development	Color auto-toner sensor/ proper range setting of developer output	Upper limit	ALL (color)	450 <0-1023>	M	Sets the range for judging whether the sensor output value for the sleeve is correct or not.	4
863-1			Lower limit	ALL (color)	155 <0-1023>	M		4
864	Development	Color auto-toner sensor/ sensor OFF output value display at power ON		ALL (color)	- <0-1023>	M	Displays the sensor output value when the sensor light source is OFF at power ON.	2
865	Development	Color auto-toner sensor/ reference plate output value display at power ON		ALL (color)	- <0-1023>	M	Displays the sensor output value with the standard light amount for the reference plate at power ON.	2
866-0	Development	Color auto-toner sensor/ abnormal detection potential difference setting of reference plate output	Upper limit	ALL (color)	820 <0-1023>	M	Sets the range for judging whether the difference between the sensor output when the sensor light source is OFF and the sensor output for the reference plate is correct or not.	4
866-1	Development		Lower limit	ALL (color)	205 <0-1023>	M		4
867	Development	Color auto-toner control environment and life light amount correction setting		ALL (color)	0 <0-1>	M	Sets whether the sensor light amount is corrected or not depending on the environment and life. 0: Correction 1: No correction	1

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
868	Development	Color auto-toner adjustment finishing range setting	ALL (color)	4 <0-255>	M	Sets the difference from the target value for judging whether the color auto-toner adjustment finishes correctly or not.	1	
869	Development	Color auto-toner control environment and life light amount correction/correction finishing range setting	ALL (color)	5 <0-255>	M	Sets the difference from the target value for judging whether the light amount correction finishes correctly or not.	1	
870	Development	Color auto-toner sensor/setting of number of times of error detection at light amount correction	ALL (color)	3 <0-255>	M	Sets the number of times of continuous error detection before the light amount correction abnormality is displayed.	1	
871	Development	Color auto-toner control environment and life light amount correction/display of number of times of reference plate detection error	ALL (color)	0 <0-255>	M	Displays the number of times of the reference plate detection error for the environment and life light amount correction.	2	
872	Development	Color auto-toner control environment and life light amount correction/display of number of times of light amount control voltage adjustment error	ALL (color)	0 <0-255>	M	Displays the number of times of the light amount control voltage adjustment error for the environment and life light amount correction.	2	
873-0	Development	Color auto-toner control/developer initial output setting	Y	ALL (color)	256 <0-1023>	M	Sets the initial developer output target value.	4
873-1	Development		M	ALL (color)	256 <0-1023>	M		4
873-2	Development		C	ALL (color)	256 <0-1023>	M		4
874	Development	Color developer life correction	ALL (color)	0 <0-1>	M	Sets whether the toner density detection voltage correction is performed or not depending on the developer life in the color auto-toner control. 0: Corrected 1: Not corrected	1	
875-0	Development	Color developer life correction value (segment 0)	Y	ALL (color)	0 <-512-511>	M	Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 0-2000 is set as the correction amount.	4
875-1			M	ALL (color)	0 <-512-511>	M		4
875-2			C	ALL (color)	0 <-512-511>	M		4

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
876-0	Development	Color developer life correction value (segment 1)	Y	ALL (color)	-4 <-512-511>	M	Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 2001-5000 is set as the correction amount.	4
876-1			M	ALL (color)	-2 <-512-511>	M		4
876-2			C	ALL (color)	-2 <-512-511>	M		4
877-0	Development	Color developer life correction value (segment 2)	Y	ALL (color)	-6 <-512-511>	M	Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 5001-10000 is set as the correction amount.	4
877-1			M	ALL (color)	-3 <-512-511>	M		4
877-2			C	ALL (color)	-3 <-512-511>	M		4
878-0	Development	Color developer life correction value (segment 3)	Y	ALL (color)	-8 <-512-511>	M	Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 10001-20000 is set as the correction amount.	4
878-1			M	ALL (color)	-4 <-512-511>	M		4
878-2			C	ALL (color)	-4 <-512-511>	M		4
879-0	Development	Color developer life correction value (segment 4)	Y	ALL (color)	-10 <-512-511>	M	Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 20001-30000 is set as the correction amount.	4
879-1			M	ALL (color)	-5 <-512-511>	M		4
879-2			C	ALL (color)	-5 <-512-511>	M		4
880-0	Development	Color developer life correction value (segment 5)	Y	ALL (color)	-12 <-512-511>	M	Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 30001-37500 is set as the correction amount.	4
880-1			M	ALL (color)	-6 <-512-511>	M		4
880-2			C	ALL (color)	-6 <-512-511>	M		4
881-0	Development	Color developer life correction value (segment 6)	Y	ALL (color)	-12 <-512-511>	M	Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count 37501 or more is set as the correction amount.	4
881-1			M	ALL (color)	-6 <-512-511>	M		4
881-2			C	ALL (color)	-6 <-512-511>	M		4

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
900	Version	System firmware ROM version	ALL	-	-	JPN: T410SY0JXXX UC: T410SY0UXXX EUR: T410SY0EXXX Others: T410SY0XXXX	2
903	Version	Engine ROM version	ALL	-	-	410M-XXX	2
905	Version	Scanner ROM version	ALL	-	-	410S-XXX	2
907	Version	RADF ROM version	ALL	-	-	DF-XXXX	2
908	Version	Finisher ROM version	ALL	-	-	SDL-XX FIN-XX	2
911	Version	Finisher punch ROM version	ALL	-	-	PUN-XXX	2
915	Version	FAX board ROM version	FAX	-	-	F562-XXX	2
920	Version	FROM basic section software version	ALL	-	-	VX.XX/X.XX	2
921	Version	FROM internal program	ALL	-	-	VXXX.XXX X	2
922	Version	UI data fixed section version	ALL	-	-	VXXX.XXX X	2
923	Version	UI data common section version	ALL	-	-	VXXX.XXX X	2
924	Version	Version of UI data language 1 in HDD	ALL	-	-	VXXX.XXX X	2
925	Version	Version of UI data language 2 in HDD	ALL	-	-	VXXX.XXX X	2
926	Version	Version of UI data language 3 in HDD	ALL	-	-	VXXX.XXX X	2
927	Version	Version of UI data language 4 in HDD	ALL	-	-	VXXX.XXX X	2
928	Version	Version of UI data language 5 in HDD	ALL	-	-	VXXX.XXX X	2
929	Version	Version of UI data language 6 in HDD	ALL	-	-	VXXX.XXX X	2
930	Version	Version of UI data in FROM displayed at power-ON	ALL	-	-	VXXX.XXX X	2
931	Version	Version of UI data language 7 in HDD	ALL	-	-	VXXX.XXX X	2
933	Version	Web data whole version	ALL	-	-	VXXX.XXX X	2
934	Version	Web UI data in HDD Version: Language 1	ALL	-	-	VXXX.XXX X	2
935	Version	Web UI data in HDD Version: Language 2	ALL	-	-	VXXX.XXX X	2
936	Version	Web UI data in HDD Version: Language 3	ALL	-	-	VXXX.XXX X	2
937	Version	Web UI data in HDD Version: Language 4	ALL	-	-	VXXX.XXX X	2
938	Version	Web UI data in HDD Version: Language 5	ALL	-	-	VXXX.XXX X	2
939	Version	Web UI data in HDD Version: Language 6	ALL	-	-	VXXX.XXX X	2
944	Version	HD version	ALL	-	-	JPN: T410HD0JXXX UC: T410HD0UXXX EUR: T410HD0EXXX Others: T410HD0XXXX	2
945	Network	Two-way setting of Raw-Port 9100	ALL	2 <1-2>	UTY	1: Valid 2: Invalid	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
947	General	Initialization after software version upgrade	ALL	-	-	Perform this code when the software in this equipment has been upgraded.	3
949	General	Automatic interruption page setting during black printing	ALL	0 <0-100>	SYS	Sets the number of pages to interrupt the printing automatically. 0-100: 0 to 100 pages	1
950	Electronic filing	Start-up method of Electronic Filing	ALL	0 <0-2>	SYS	Sets the start-up method of the Electronic Filing. 0: Standard 1: Forced start-up (Not recovered) 2: Forced start-up (Recovered)	1
951	User interface	Image setting for Electronic Filing printing (Only for color image)	ALL	0 <0-3>	SYS	0: General 1: Photograph 2: Presentation 3: Line art	1
953	User interface	Access code entry for Electronic Filing printing	ALL	0 <0-1>	SYS	0: Renewed automatically 1: Enter every time	1
954	User interface	Clearing timing for files and Electronic Filing Agent	ALL	1 <0-1>	SYS	0: Immediately after the completion of scanning 1: Cleared by Auto Clear	1
969	User interface	Error sound	ALL	1 <0-1>	SYS	0: OFF 1: ON	1
970	User interface	Sound setting when switching to Energy Saving Mode	ALL	EUR: 1 UC: 1 JPN: 0 <0-1>	SYS	0: OFF 1: ON	1
973	Network	PCL line feed code setting	PRT	0 <0-3>	SYS	Sets the PCL line feed code. 0: Automatic setting 1: CR=CR, LF=LF 2: CR=CR+LF, LF=LF 3: CR=CR, LF=CR+LF	1
975	General	Job handling when printing is short paid with coin controller	ALL	1 <0-1>	SYS	Sets whether pause or stop the printing job when it is short paid using a coin controller. 0: Pause the job 1: Stop the job	1
976	Scanning	Equipment name and user name setting to a folder when saving files	ALL	0 <0-2>	SYS	Sets whether or not adding the equipment name and user name to the folder when saving files. 0: Not add 1: Add the equipment name 2: Add the user name	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
978	Network	Raw printing job (Paper feeding drawer)	PRT	0 <0-5>	SYS	0: AUTO 1: Upper drawer 2: Lower drawer 3: PFP upper drawer 4: PFP lower drawer 5: LCF	1
979	Network	Raw printing job (PCL symbol set)	PRT	0 <0-39>	SYS	0: Roman-8 1: ISO 8859/1 Latin 1 2: ISO 8859/2 Latin 2 3: ISO 8859/9 Latin 5 4: PC-8, Code Page 437 5: PC-8 D/N, Danish/ Norwegian 6: PC-850, Multilingual 7: PC-852, Latin2 8: PC-8 Turkish 9: Windows 3.1 Latin 1 10: Windows 3.1 Latin 2 11: Windows 3.1 Latin 5 12: DeskTop 13: PS Text 14: Ventura International 15: Ventura US 16: Microsoft Publishing 17: Math-8 18: PS Math 19: Ventura Math 20: Pi Font 21: Legal 22: ISO 4: United Kingdom 23: ISO 6: ASCII 24: ISO 11 25: ISO 15: Italian 26: ISO 17 27: ISO 21: German 28: ISO 60: Danish/Norwegian 29: ISO 69: French 30: Windows 3.0 Latin 1 31: MC Text 32: PC Cyrillic 33: ITC Zapf Dingbats 34: ISO 8859/10 Latin 6 35: PC-775 36: PC-1004 37: Symbol 38: Windows Baltic 39: Wingdings	1
983	User interface	JOB STATUS initial screen setting	ALL	0 <0-1>	SYS	0: Print 1: Private	1
986	General	Copy function setting	PPC	0 <0-1>	SYS	Sets the copy function to be invalid. 0: Valid 1: Invalid	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
988	Paper feeding	Setting of paper size switching to 13" LG	ALL	0 <0-2>	SYS	0: Not switched 1: LG→13"LG 2: FOLIO→13"LG	1
995	Maintenance	Equipment number (serial number) display	ALL	0 <10 digits>	SYS	This code can be also keyed in from the adjustment mode (05-976). 10 digits	11
999	Maintenance	FSMS total counter	ALL	0 <8 digits>	SYS	Refer to values of total counter.	1
1002	Network	Selection of NIC board status information	ALL	1 <1-2>	NIC	1: Not printed out when the copier is restarted 2: Printed out when the copier is restarted	12
1003	Network	Communication speed and settings of Ethernet	ALL	1 <1-5>	NIC	1: Auto 2: 10MBPS Half Duplex 3: 10MBPS Full Duplex 4: 100MBPS Half Duplex 5: 100MBPS Full Duplex	12
1006	Network	Address Mode	ALL	2 <1-3>	NIC	1: Fixed IP address 2: Dynamic IP address 3: Dynamic IP address without AutoIP	12
1007	Network	Domain name	ALL	-	NIC	Maximum 96 letters	12
1008	Network	IP address	ALL	-	NIC	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1009	Network	Subnet mask	ALL	-	NIC	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1010	Network	Gateway	ALL	-	NIC	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1011	Network	Availability of IPX	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1012	Network	Network frame type	ALL	1 <1-5>	NIC	1: Automatic 2: IEEE802.3 3: Ethernet II 4: IEEE802.3 SNAP 5: IEEE802.2	12
1014	Network	Availability of AppleTalk	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1015	Network	Zone setting of AppleTalk	ALL	*	NIC	Maximum 32 letters *: Wildcard character	12
1016	Network	Availability of LDAP	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1017	Network	Availability of DNS	ALL	1 <1-2>	NIC	1: Available 2: Not available	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1018	Network	IP address to DNS server (Primary)	ALL	-	NIC	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1019	Network	IP address to DNS server (Secondary)	ALL	-	NIC	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1020	Network	DDNS Desired level	ALL	1 <1-5>	NIC	1: Invalid 2: Via DHCP 3: Insecure DDNS 4: Secure DDNS 5: Multi-secure DDNS	12
1022	Network	From Name Creation setting in SMTP authentication	ALL	0 <0-1>	SYS	0: Not edited 1: Account name of From Address +Device name	1
1023	Network	NetBios name	ALL	MFP_serial	UTY	Maximum 15 letters The network-related serial number of the equipment appears at "serial"	12
1024	Network	Name of WINS server or IP address (Primary)	ALL	-	UTY	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1025	Network	Name of WINS server or IP address (Secondary)	ALL	-	UTY	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1026	Network	Availability of Bindery	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1027	Network	Availability of NDS	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1028	Network	Directory service context	ALL	-	NIC	Maximum 127 letters	12
1029	Network	Directory service tree	ALL	-	NIC	Maximum 47 letters	12
1030	Network	Availability of HTTP server	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1031	Network	Port number to NIC HTTP server	ALL	80 <1-65535>	NIC		12
1032	Network	Port number to system HTTP server	ALL	8080 <1-65535>	NIC		12
1037	Network	Availability of SMTP client	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1038	Network	FQDN or IP address to SMTP server	ALL	-	NIC	Maximum 128 Bytes	12
1039	Network	TCP port number of SMTP client	ALL	25 <1-65535>	NIC		12
1040	Network	Availability of SMTP server	ALL	1 <1-2>	UTY	1: Available 2: Not available	12
1041	Network	TCP port number of SMTP server	ALL	25 <1-65535>	UTY		12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1042	Network	E-mail box name to SMTP server	ALL	-	UTY	Maximum 192 letters	12
1043	Network	Availability of Offramp	ALL	2 <1-2>	UTY	1: Available 2: Not available	12
1044	Network	Offramp security	ALL	1 <1-2>	UTY	1: Available 2: Not available	12
1045	Network	Printing at Offramp	ALL	1 <1-2>	UTY	1: Available 2: Not available	12
1046	Network	Availability of POP3 clients	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1047	Network	FQDN or IP address to POP3 server	ALL	-	NIC	Maximum 128 Bytes	12
1048	Network	Types of POP3 server	ALL	1 <1-3>	NIC	1: Automatic 2: POP3 3: APOP	12
1049	Network	Login name to POP3 server	ALL	-	NIC	Maximum 96 letters	12
1050	Network	Login password to POP3	ALL	-	NIC	Maximum 96 letters	12
1051	Network	E-mail reception interval	ALL	5 <0-4096>	NIC	Unit: Minute	12
1052	Network	TCP port number of POP3 client	ALL	110 <1-65535>	NIC		12
1055	Network	TCP port number of FTP client	ALL	21 <1-65535>	UTY		12
1059	Network	Availability of FTP server	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1060	Network	TCP port number of FTP server	ALL	21 <1-65535>	UTY		12
1063	Network	MIB function	ALL	1 <1-2>	NIC	1: Valid 2: Invalid	12
1065	Network	Setting of read Community	ALL	public	NIC	Maximum 31 letters	12
1066	Network	Setting of read/Write Community	ALL	private	NIC	Maximum 31 letters	12
1069	Network	TRAP destination IP address	ALL	-	UTY	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12
1070	Network	Community setting of TRAP (via IP)	ALL	public	NIC	Maximum 31 letters	12
1073	Network	Availability of Raw/TCP	ALL	1 <1-2>	NIC	1: Valid 2: Invalid	12
1074	Network	TCP port number of Raw	ALL	9100 <1-65535>	NIC		12
1075	Network	Availability of LPD client	ALL	1 <1-2>	NIC	1: Valid 2: Invalid	12
1076	Network	TCP port number of LPD	ALL	515 <1-65535>	NIC		12
1077	Network	LPD queue name	ALL	-	NIC	Maximum 31 letters	12
1078	Network	Availability of IPP	ALL	1 <1-2>	NIC	1: Valid 2: Invalid	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1079	Network	Availability of IPP port number "80"	ALL	1 <1-2>	NIC	1: Valid 2: Invalid	12
1080	Network	TCP port number of IPP	ALL	631 <1-65535>	NIC		12
1081	Network	IPP printer name	ALL	MFP_ serial	NIC	Maximum 127 letters The network-related serial number of the equipment appears at "serial"	12
1082	Network	IPP printer location	ALL	-	NIC	Maximum 127 letters	12
1083	Network	IPP printer information	ALL	-	NIC	Maximum 127 letters	12
1084	Network	IPP printer information (more)	ALL	-	NIC	Maximum 127 letters	12
1085	Network	Installer of IPP printer driver	ALL	-	NIC	Maximum 127 letters	12
1086	Network	IPP printer "Make and Model"	ALL	-	NIC	Maximum 127 letters	12
1087	Network	IPP printer information (more) MFGR	ALL	-	NIC	Maximum 127 letters	12
1088	Network	IPP message from operator	ALL	-	NIC	Maximum 127 letters	12
1089	Network	Availability of FTP print	ALL	1 <1-2>	NIC	1: Available 2: Not available	12
1090	Network	Printer user name of FTP	ALL	print	NIC	Maximum 31 letters	12
1091	Network	Printer user password of FTP	ALL	-	NIC	Maximum 31 letters	12
1092	Network	TCP port number to FTP print server	ALL	21 <1-65535>	NIC		12
1093	Network	Login name to Novell print server	ALL	MFP_ serial	NIC	Maximum 47 letters The network-related serial number of the equipment appears at "serial"	12
1094	Network	Login password to Novell print server	ALL	-	NIC	Maximum 31 letters	12
1095	Network	Name of SearchRoot server	ALL	-	NIC	Maximum 31 letters	12
1096	Network	Scan rate setting of print queue	ALL	5 <1-255>	NIC	Unit: Second	12
1097	Network	Page number limitation for printing text of received Email	ALL	5 <1-99>	UTY		12
1098	Network	MDN return mail setting when receiving E-mail	ALL	2 <1-2>	UTY	1: Valid 2: Invalid	12
1099	Network	Trap destination of IPX	ALL	-	UTY	24 letters (Valid from 0 to 9 and from A to F)	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1100	Network	Method of SMTP server authentication	ALL	1 <1-7,10>	NIC	1: Disable 2: Plain 3: Login 4: Cram-MD5 5: Digest MD5 6: Kerberos 7: NTLM 10: Auto	12
1101	Network	Login name for SMTP server authentication	ALL	-	NIC	Maximum 64 letters	12
1102	Network	Login password for SMTP server authentication	ALL	-	NIC	Maximum 64 letters	12
1103	Network	Rendezvous setting	ALL	1 <1-2>	NIC	1: Valid 2: Invalid	12
1104	Network	Link local host name	ALL	MFP_serial	NIC	Maximum 127 letters The network-related serial number of the equipment appears at "serial"	12
1105	Network	Service name setting	ALL	Refer to contents	NIC	Maximum 63 letters The network-related serial number of the equipment appears at "serial" <Default value> e-STUDIO281C: TOSHIBA e-STUDIO281C_serial e-STUDIO351C: TOSHIBA e-STUDIO351C_serial e-STUDIO451C: TOSHIBA e-STUDIO451C_serial	12
1111	Network	POP Before SMTP setting	ALL	2 <1-2>	NIC	1: Valid 2: Invalid	12
1112	Network	Host name	ALL	MFP_serial	NIC	Maximum 63 letters The network-related serial number of the equipment appears at "serial"	12
1113	Network	Windows domain No.1 of user authentication	ALL	-	UTY	Maximum 128 letters	12
1114	Network	Sending mail text of InternetFAX	ALL	1 <0-1>	SYS	0: Invalid 1: Valid	1
1117	Network	SMB time-out period	ALL	300 <1-9999>	SYS	Unit: Second	1
1118	General	Clearing of TAT partition	ALL	-	SYS		3
1119	Network	Initialization of NIC information	ALL	-	-	Initializes only the information of the Network setting items.	3
1121	Network	PDC (Primary Domain Controller) name No.1 of authentication	ALL	-	UTY	Maximum 128 letters	12
1122	Network	BDC (Backup Domain Controller) name No.1 of authentication	ALL	-	UTY	Maximum 128 letters	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1123	Network	Windows domain of device authentication	ALL	4 <3-4>	UTY	3: ON (Domain selected) 4: OFF (Work group selected)	12
1124	Network	Workgroup name	ALL	work- group	UTY	Maximum 15 letters	12
1125	General	Data writing of address book data import (overwriting method)	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
1126	Counter	Validity of interrupt copying when external counters are installed	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
1128	Network	NetwareUserAuthTree Name1	ALL	-	UTY	Maximum 47 letters	12
1129	Network	NetwareUserAuthContext Name1	ALL	-	UTY	Maximum 127 letters	12
1130	User interface	Job Build Function	ALL	1 <0-1>	SYS	Sets the Job Build Function. 0: Invalid 1: Valid	1
1131	User interface	Maximum number of time job build performed	ALL	1000 <5-1000>	SYS	Sets the maximum number of time a job build has been performed. 5-1000: 5 to 1000 times	1
1132	General	Default screen selection of the User Function menu	ALL	1 <0-1>	SYS	Selects the default screen when entering the User Function menu by pressing the [USER FUNCTIONS] button. 0: ADDRESS 1: COUNTER	1
1134	Network	NetwareUserAuthTree Name2	ALL	-	UTY	Maximum 47 letters	12
1135	Paper feeding	Default setting of drawers (Printer/BOX)	ALL	1 <1-5>	SYS	1: LCF 2: Upper drawer 3: Lower drawer 4: PFP upper drawer 5: PFP lower drawer	1
1138	Network	LDAP search method setting	ALL	0 <0-3>	SYS	Sets the search method when performing a LDAP search. 0: Partial match 1: Prefix match 2: Suffix match 3: Full match	1
1139	Network	LDAP authentication setting	ALL	0 <0-1>	SYS	0: Not authenticated 1: Authenticated	1
1140	User interface	Restriction of the template function with the administrator privilege	ALL	0 <0-1>	SYS	Selects the restriction of the template function usage setting. 0: No restriction 1: Only available with the administrator privilege.	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1141	Network	Display of MAC address	ALL	-	SYS	(**.*.*.*.*.*.**) The address is displayed as above (6-byte data is divided by a colon at every 2 bytes).	2
1143	Network	NetwareUserAuthContext Name2	ALL	-	UTY	Maximum 127 letters	12
1144	Network	NetwareUserAuthTree Name3	ALL	-	UTY	Maximum 47 letters	12
1145	Maintenance (Remote)	Counter notification Remote FAX setting	ALL	-	SYS	Maximum 32 digits Enter a hyphen with the [MONITOR/PAUSE] button.	11
1148	Network	NetwareUserAuthContext Name3	ALL	-	UTY	Maximum 127 letters	12
1370	Image processing	Image quality control time accumulating counter	ALL	0 <8 digits>	M	Counts driving count of the drum (image quality control time). Counts up when drum motor and image quality control are ON.	1
1371	Image processing	Accumulated counter of output pages since the performing of image quality control	ALL	0 <4 digits>	M	Cleared to "0" by the image quality closed-loop control. Counts up with the number of printing job received after this control.	2
1372	Image processing	Heater and energizing time accumulating counter Display/0 clearing	ALL	0 <8 digits>	M	Counts up the heater control time accumulated (when power of the copier is ON) but does not count at the Sleep Mode. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	1
1378	Image processing	Fuser roller ready temperature time accumulating counter	ALL	0 <8 digits>	M	Counts up the heater control time accumulated (on standby). When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	2
1380	Image processing	Fuser roller printing temperature time accumulating counter	ALL	0 <8 digits>	M	Counts up the heater control time accumulated (during printing). When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1382	Image processing	Fuser roller energy saving temperature time accumulating counter Display/0 clearing	ALL	0 <8 digits>	M	Counts up the heater control time accumulated (at energy saving mode). When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	2
1385	Image processing	Number of output pages (Thick paper 1)	ALL	0 <8 digits>	M	Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	1
1386	Image processing	Number of output pages (Thick paper 2)	ALL	0 <8 digits>	M	Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	1
1387	Image processing	Number of output pages (Thick paper 3)	ALL	0 <8 digits>	M	Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	1
1388	Image processing	Number of output pages (OHP film)	ALL	0 <8 digits>	M	Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.	1
1389	Main charger	Main charger wire cleaning counter display/0 clearing	ALL	0 <5 digits>	M	Does not count up when cleaning is not effective.	1
1390	Paper feeding	Feeding retry counter (upper drawer)	ALL	0 <8 digits>	M	Counts the number of times of the feeding retry from the upper drawer.	1
1391	Paper feeding	Feeding retry counter (lower drawer)	ALL	0 <8 digits>	M	Counts the number of times of the feeding retry from the lower drawer.	1
1392	Paper feeding	Feeding retry counter (PFP upper drawer)	ALL	0 <8 digits>	M	Counts the number of times of the feeding retry from the PFP upper drawer.	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1393	Paper feeding	Feeding retry counter (PFP lower drawer)	ALL	0 <8 digits>	M	Counts the number of times of the feeding retry from the PFP lower drawer.	1
1394	Paper feeding	Feeding retry counter (bypass feed)	ALL	0 <8 digits>	M	Counts the number of times of the feeding retry from the bypass tray.	1
1395	Paper feeding	Feeding retry counter (LCF)	ALL	0 <8 digits>	M	Counts the number of times of the feeding retry from the LCF.	1
1396	Paper feeding	Feeding retry counter upper limit value (upper drawer)	ALL	10 <8 digits>	M	When the number of feeding retry (08-1390 to 08-1395) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. Refer to (Note 1).	1
1397	Paper feeding	Feeding retry counter upper limit value (lower drawer)	ALL	10 <8 digits>	M		1
1398	Paper feeding	Feeding retry counter upper limit value (PFP upper drawer)	ALL	10 <8 digits>	M		1
1399	Paper feeding	Feeding retry counter upper limit value (PFP lower drawer)	ALL	10 <8 digits>	M		1
1400	Paper feeding	Feeding retry counter upper limit value (bypass feed)	ALL	10 <8 digits>	M		1
1401	Paper feeding	Feeding retry counter upper limit value (LCF)	ALL	10 <8 digits>	M		1
1410	Counter	Black toner cartridge drive counts/0 clearing	ALL	0 <8 digits>	M		1
1412	Counter	Counter for tab paper	ALL	0 <8 digits>	M	Counts up when the registration sensor is ON. When the counter value of the fuser roller is reset, this counter is reset in sync at the PM support mode.	1
1414	Image processing	Toner cartridge wrong installation detection ON/OFF setting	ALL	0 <0-1>	M	0: ON 1: OFF	1
1415	Image processing	Detection/control that the toner cartridge is nearly empty	ALL	0 <0-2>	M	Sets ON or OFF of the detection/control that the toner cartridge is nearly empty. 0: All colors (Y/M/C/K) OFF 1: Black (K) ON 2: All colors (Y/M/C/K) ON	1
1416	Image processing	Threshold for detecting that black toner cartridge is nearly empty	ALL	322500 <8 digits>	M		1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1422	Data over-write kit	HDD data overwriting type setting	ALL	0 <0-2>	SYS	Select the type of the overwriting level; LOW, MEDIUM, or HIGH for deleting HDD data. (This setting is enabled only when the GP-1060 is installed.) 0: LOW 1: MEDIUM 2: HIGH	1
1424	Data over-write kit	HDD data clearing type setting (forcible clearing)	ALL	0 <0-2>	SYS	Select the type of the overwriting level; LOW, MEDIUM, or HIGH for deleting HDD data. (This setting is enabled only when the GP-1060 is installed.) 0: LOW 1: MEDIUM 2: HIGH	1
1426	Data over-write kit	Forcible HDD data clearing	ALL	-	-	HDD data is cleared in the procedure set in 08-1424. * This setting is enabled only when the GP-1060 is installed.	3
1427	Data over-write kit	Forcible NVRAM data all clearing	ALL	-	-	When this code is performed, the equipment cannot be started up. * This setting is enabled only when the GP-1060 is installed.	3
1428	Data over-write kit	Forcible SRAM backup data all clearing	ALL	-	-	When this code is performed, the equipment cannot be started up. * This setting is enabled only when the GP-1060 is installed.	3
1429	User interface	Margin width (Top/Bottom, Left/Right)	ALL	Front: 7/ Back: 7 <2-100/- 100-100>	SYS	This setting is not reflected in "Right", even if the value less than 2 is set for "Back".	10
1430	User interface	Margin width (Bookbinding margin)	ALL	14 <2-30>	SYS		1
1431	Network	ACC (AT_CASSETTE_CHANGE) for Printer/Box printing	ALL	1 <0-2>	SYS	0: ACC prohibited 1: Only in the same paper direction 2: In both same direction and different directions	1
1432	Network	Private-print-only mode	ALL	0 <0-1>	SYS	0: Normal 1: Private-print-only mode	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1435	Network	"Disable private and proof print save" function	ALL	0 <0-1>	SYS	0: Function OFF (no restriction on data saving or other operations) 1: Function ON (Data saving or other operations are restricted)	1
1436	Network	"Disable fax save" function	ALL	0 <0-1>	SYS	0: Function OFF (no restriction on data saving or other operations) 1: Function ON (Data saving or other operations are restricted)	1
1440	Network	IP Conflict Detect	ALL	1 <1-2>	-	OFF/ON 1: Valid 2: Invalid	12
1441	Network	SNTP Enable	ALL	2 <1-2>	-	OFF/ON 1: Valid 2: Invalid	12
1442	Network	SNTP Polling rate	ALL	24 <1-168>	-	Data obtaining interval (Unit: Hour)	12
1444	Network	Primary SNTP Address	ALL	-	-	SNTP server IP Address (Primary)	12
1445	Network	Secondary SNTP Address	ALL	-	-	SNTP server IP Address (Secondary)	12
1446	Network	Port number to SNTP	ALL	123 <1-65535>	-		12
1447	Network	IPP administrator name	ALL	-	-	This should be an account which can control all IPP jobs.	12
1448	Network	IPP administrator password	ALL	-	-	This should be the password of an account which can control all IPP jobs.	12
1449	Network	IPP authentication method	ALL	1 <1-4>	-	1: Disabled 2: Basic 3: Digest 4: Basic Digest	12
1450	Network	User name for IPP authentication	ALL	-	-	This should be the account at the time IPP authentication was performed.	12
1451	Network	Password for IPP authentication	ALL	-	-	This should be the password of the account at the time IPP authentication was performed.	12
1464	Network	Samba server ON/OFF setting	ALL	1 <1-4>	NIC	1: Samba enabled 2: Samba disabled 3: Print Share disabled 4: File Share disabled	12
1468	General	User data management limitation setting	ALL (color)	0 <0-1>	SYS	0: Disabled 1: Enabled	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1469	General	User data management limitation Setting by number of printouts	ALL (color)	0 <7 digits>	SYS	0-9,999,999: 0-9,999,999 sheets	1
1470	General	Device authentication function setting	ALL	0 <0-1>	SYS	0: OFF 1: ON	1
1471	General	User authentication method	ALL	0 <0-5>	SYS	0: Local 1: NTLM (NT Domain) 2: LDAP 3: Kerberos (Active Directory) 4: Netware	1
1472	General	User data management automatic registration function setting	ALL	0 <0-1>	SYS	0: Disabled 1: Enabled	1
1473	General	User data management limitation setting	ALL (black)	0 <0-1>	SYS	0: Disabled 1: Enabled	1
1474	General	User data management limitation Setting by number of printouts	ALL (black)	0 <7 digits>	SYS	0-9,999,999: 0-9,999,999 sheets	1
1476	Network	Restriction on Address book operation by administrator	ALL	0 <0-1>	SYS	Some restrictions can be given on the administrator for operating the Address book. 0: No restriction 1: Can be operated only under the administrator's authorization	1
1477	Network	Restriction on "To" ("cc") address	ALL	0 <0-3>	SYS	0: No restriction 1: Can be set from both of the Address book and LDAP server 2: Can be set only from the Address book 3: Can be set only from the LDAP server	1
1478	User interface	Display of paper size setting by installation operation of drawers	ALL	JPN: 0 UC: 1 <0-1>	SYS	0: Not displayed 1: Displayed	1
1479	User interface	Default setting of sharpness	ALL	5 <1-9>	SYS	1: -4 2: -3 3: -2 4: -1 5: 0 6: +1 7: +2 8: +3 9: +4	1
1481	General	User data management clearing	ALL	-	-	All the user data in the database and backup files can be deleted.	3
1482	General	User data department management	ALL	0 <0-1>	SYS	0: Disabled 1: Enabled	1
1483	General	User data recovery	ALL	-	-	The data in the database is overwritten with the data in the backup file.	3

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1484	Network	Authentication method of "Scan to Email"	ALL	0 <0-2>	SYS	0: Disabled 1: SMTP authentication 2: LDAP authentication	1
1485	Network	Setting whether use of the Internet FAX is permitted at the time of authentication	ALL	0 <0-1>	SYS	0: Not permitted 1: Permitted	1
1487	Network	"From" address assignment method at the time of authentication	ALL	0 <0-2>	SYS	0: User name + @ + Domain name 1: LDAP searching 2: Use the address registered at "From" field of E-mail setting	1
1489	Network	Setting for "From" address edit at "Scan to Email"	ALL	0 <0-1>	SYS	0: Not permitted 1: Permitted	1
1491	Network	E-mail domain name	ALL	-	SYS	96 + 2 (delimiter) character * ASCII sequence only	11
1492	Paper feeding	Detection method of 13" LG for single-size document	ALL	0 <0-1>	SYS	0: Disabled 1: Enabled	1
1493	Network	Role Base Access Function	ALL	0 <0-1>	SYS	0: Function off (No restriction on data saving and other operations) 1: Function on (Data saving and other operations have some restrictions)	1
1494	General	Limitation check method	ALL	0 <0-1>	SYS	0: Checked at every page printed 1: Checked at every job printed	1
1495	Maintenance	Service call checking period setting	ALL	6 <0-12>	-	0: No checking period specified (= Calls service technician immediately) 0: 10 minutes 1: 30 minutes 3: 1 hour 4: 6 hours 5: 12 hours 6: 24 hours 7: 48 hours 8: 7 days 9: 1 month 10: 1 year 11: 5 years 12: Not limited (= Calls service technician if such error has occurred in the past even once or more)	1

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1496	General	Operation setting for User authentication/registration	ALL	1 <0-1>	SYS	0 : Disables operation setting for User authentication/registration 1 : Enables operation setting for User authentication/registration	1	
1497	Electronic Filing	e-Filing Access Mode (for Client)	ALL	0 <0-2>	SYS	0: Mode 1 1: Mode 2 2: Mode 3	1	
1498	FAX	Inbound FAX function (Forwarding by TSI)	FAX	1 <0-1>	SYS	0: OFF (Function disabled) 1: ON (Function enabled)	1	
1530-0	Counter	Number of output pages in black mode	1-UP / Duplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of output pages printed only in the black mode.	4
1530-1			2-UP / Duplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [2IN1] or [MAGAZINE SORT].	4
1530-2			2-UP / Simplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [2IN1] or [MAGAZINE SORT].	4
1530-3			4-UP / Duplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [4IN1].	4
1530-4			4-UP / Simplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [4IN1].	4
1530-7			1-UP / Simplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of sheets printed only in the black mode.	4

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1531-0	Counter	Number of output pages in full color mode	1-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages printed only in the full color mode.	4
1531-1			2-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [2IN1] or [MAGAZINE SORT].	4
1531-2			2-UP / Simplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [2IN1] or [MAGAZINE SORT].	4
1531-3			4-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [4IN1].	4
1531-4			4-UP / Simplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [4IN1].	4
1531-7			1-UP / Simplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of sheets printed only in the full color mode.	4
1532-0			Counter	Number of output pages in twin color mode	1-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS
1532-1	2-UP / Duplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of output pages printed in the twin color mode using [2IN1] or [MAGAZINE SORT].	4
1532-2	2-UP / Simplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of sheets printed in the twin color mode using [2IN1] or [MAGAZINE SORT].	4
1532-3	4-UP / Duplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of output pages printed in the twin color mode using [4IN1].	4
1532-4	4-UP / Simplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of sheets printed in the twin color mode using [4IN1].	4
1532-7	1-UP / Simplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of sheets printed only in the twin color mode.	4

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1533-0	Counter	Number of output pages of the printer or BOX	1-UP / Duplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode.	4
1533-1			2-UP / Duplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [2IN1] or [MAGAZINE SORT]. * When printing is performed using a Windows driver, the 1-UP image will be output.	4
1533-2			2-UP / Simplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [2IN1] or [MAGAZINE SORT].	4
1533-3			4-UP / Duplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [4IN1].	4
1533-4			4-UP / Simplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [4IN1].	4
1533-5			N-UP / Duplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [N IN1].	4
1533-6			N-UP / Simplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [N IN1].	4
1533-7			1-UP / Simplex printing	PRT (black)	0 <8 digits>	SYS	Counts the number of sheets printed only in the black mode.	4

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1534-0	Counter	Number of output pages of the printer or BOX (Full color)	1-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed only in the full color mode.	4
1534-1			2-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [2IN1] or [MAGAZINE SORT]. * When printing is performed using a Windows driver, the 1-UP image will be output.	4
1534-2			2-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [2IN1] or [MAGAZINE SORT].	4
1534-3			4-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [4IN1].	4
1534-4			4-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [4IN1].	4
1534-5			N-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [N IN1].	4
1534-6			N-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [N IN1].	4
1534-7			1-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed only in the full color mode.	4
1535-0			Counter	Number of output pages of the FAX printing (1-UP / Duplex printing)	1-UP / Duplex printing	FAX (black)	0 <8 digits>	SYS
1535-7	1-UP / Simplex printing	FAX (black)			0 <8 digits>	SYS	4	
1661	Wireless LAN	Wireless LAN driver SSID		ALL	-	-	Maximum 32 letters	12
1662	Wireless LAN	Wireless LAN driver Network type		ALL	1 <1-2>	-	1: Infrared wireless LAN 2: Ad-hoc network	12
1663	Wireless LAN	Wireless LAN driver Security		ALL	4 <1-7>	-	1: 802.1x 2: WPA-PSK 3: WEP 4: NONE 5: WPA 6: WPA2 7: WPA2PSK	12
1664	Wireless LAN	Wireless LAN driver Encryption system		ALL	1 <1-3>	-	1: TKIP 2: AES 3: Dynamic WEP	12
1665	Wireless LAN	Wireless LAN driver Transmission output power		ALL	1 <1-5>	-	1: 100% 2: 50% 3: 25% 4: 12.5% 5: min	12

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents		Procedure
1666	Wireless LAN	Wireless LAN driver Transmission rate	ALL	1 <1-2>	-	1: Auto	2: Manual	12
1667	Wireless LAN	Wireless LAN driver Transmission rate value	ALL	1 <1-12>	-	1: 1 3: 5.5 5: 6 7: 12 9: 24 10: 36 11: 48 12: 54	2: 2 4: 11 6: 9 8: 18	12
1668	Wireless LAN	Wireless LAN driver Operation channel	ALL	1 <1-2>	-	1: Auto	2: Manual	12
1669	Wireless LAN	Wireless LAN driver Operation channel value	ALL	1 <1-11>	-			12
1670	Wireless LAN	Wireless LAN driver WEP bit number	ALL	1 <1-3>	-	1: 64 3: 152	2: 128	12
1671	Wireless LAN	Wireless LAN driver WEP key entry system	ALL	2 <1-2>	-	1: Hex	2: ASCII	12
1672	Wireless LAN	Wireless LAN driver WEP key value	ALL	-	-	Maximum 32 letters		12
1673	Wireless LAN	Wireless LAN driver WPA-PSK passphrase	ALL	-	-	Maximum 64 letters		12
1674	Wireless LAN	Wireless LAN driver Sleep mode setting	ALL	1 <1-3>	-	1: Off 3: Normal	2: Max	12
1675	Wireless LAN	Wireless LAN driver Slot-time limitation	ALL	1 <1-2>	-	1: Long	2: Short	12
1676	Wireless LAN	Wireless LAN driver Number of times of software retry	ALL	5 <0-1000>	-			12
1677	Wireless LAN	Wireless LAN driver Preamble	ALL	1 <1-2>	-	1: Long	2: Longshort	12
1678	Wireless LAN	Wireless LAN driver Operation mode	ALL	1 <1-3>	-	1: All 3: 11g	2: 11b	12
1679	Wireless LAN	Wireless LAN supplicant Wireless LAN setting	ALL	1 <1-3>	-	This setting is whether the wireless LAN connection is enabled or disabled. 1: Unset 2: Enabled 3: Disabled		12
1681	Wireless LAN	Wireless LAN supplicant Path name for client certificate	ALL	-	-	This should be the path name in full where the client certificate is located. (Maximum 255 letters)		12
1682	Wireless LAN	Wireless LAN supplicant Path name for secret key of client certificate	ALL	-	-	This should be the path name in full where the client certificate is located. (Maximum 255 letters)		12
1684	Wireless LAN	Wireless LAN supplicant Path name for CA self-certificate	ALL	-	-	This should be the path name in full where the CA self-certificate is located. (Maximum 255 letters)		12
1685	Wireless LAN	Wireless LAN supplicant EAP user name	ALL	-	-	This should be the user name when the EAP-TLS is used.		12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1686	Wireless LAN	Wireless LAN supplicant EAP user name	ALL	-	-	This should be the user name when the PEAP is used.	12
1689	Wireless LAN	Wireless LAN supplicant Authentication interval	ALL	30 <30-65535>	-	This should be the time-out interval between EAP responses. 30: 30 seconds	12
1690	Wireless LAN	Wireless LAN supplicant Holding interval	ALL	60 <60-65535>	M	The EAP authentication will start after having been waited in this period when an EAP failure was received. 60: 60 seconds	12
1691	Wireless LAN	Wireless LAN supplicant EAPOL-Start Number of times of packet retry	ALL	3 <1-65535>	M	When an EAPOL-Start packet has been sent and the request ID cannot be received, this EAPOL-Start packet will be re-sent for the number of times set in this code. 3: 3 times	12
1692	Wireless LAN	Wireless LAN supplicant Session resume	ALL	2 <1-2>	-	This setting is whether the pre-master key should be updated or not upon a TLS re-negotiation. 1: Session is resumed 2: Session is not resumed	12
1693	Wireless LAN	Wireless LAN supplicant MAC Frame size	ALL	1398 <1-1398>	-	This is a MAC frame size used in the wireless LAN connection. The data is fragmented into this size. 1398: 1398 bytes	12
1696	Wireless LAN	Wireless LAN supplicant Device file setting for obtaining random number	ALL	/dev/urandom	-	This should be the device file name which can obtain a seed to initialize the WEP PRNG for xsupplicant. (Maximum 255 letters)	12
1697	Wireless LAN	Wireless LAN supplicant CRL directory designation	ALL	-	-	This should be the path name of the directory in full where the CRL file is located. (Maximum 255 letters)	12
1699	Wireless LAN	Wireless LAN supplicant EAP authentication type	ALL	1 <1-3>	-	This setting is for the EAP authentication type which xsupplicant can authenticate. 1: EAP-TLS 2: PEAP 3: EAP-TLS and PEAP	12
1700	Wireless LAN	Wireless LAN supplicant CN name	ALL	-	-	This should be an authentication server name (basically a domain name in full). (Maximum 255 letters)	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1701	Wireless LAN	Wireless LAN supplicant CN name check	ALL	1 <1-2>	-	1: NO 2: YES	12
1704	Wireless LAN	Wireless LAN supplicant Update interval of PTK (Pairwise Transient Key)	ALL	0 <0-720>	-	The update interval of a secret key across AP (Access Point) and STA (Station) can be set. This interval is for updating the secret key from STA. 0: Not updated 1-720: 1-720 minutes of interval	12
1705	Wireless LAN	Wireless LAN supplicant Strict packet check	ALL	1 <1-2>	-	The Ack bit and request bit of EAPOL-Key is checked. 1: Not checked 2: Checked	12
1706	Wireless LAN	Wireless LAN supplicant Priority change at 4-way handshake	ALL	1 <1-2>	-	A higher priority is given to the xsupplicant task when a 4-way handshake is started. 1: Priority not changed 2: Priority changed	12
1707	Wireless LAN	Wireless LAN supplicant Security level	ALL	1 <1-3>	-	The encryption capability output in TLS clientHello message can be selected. 1: LOW 2: MIDDLE 3: HIGH	12
1708		Selectable security level (EAP-TLS)	ALL	1 <1-3>	-	These are the security level which can be selected from the user interface. This setting is not applied in case of PEAP. ("LOW" and "MIDDLE" is mandatory for PEAP) 1: LOW + MIDDLE + HIGH 2: MIDDLE + HIGH 3: HIGH	12
1710	Bluetooth	Bluetooth ON/OFF setting	ALL	1 <0-1>	SYS	0: OFF 1: ON	1
1711	Bluetooth	Bluetooth Device name	ALL	MFP	SYS	Maximum 32 letters	11
1712	Bluetooth	Bluetooth Discovery	ALL	1 <0-1>	SYS	0: Not allowed 1: Allowed	1
1713	Bluetooth	Bluetooth Security	ALL	1 <0-1>	SYS	0: Security function OFF 1: Security function ON	1
1714	Bluetooth	Bluetooth PIN	ALL	0000	SYS	Maximum 8 digits (8-digit sequence) This setting is valid only when the bluetooth security function is ON.	11

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1715	Bluetooth	Bluetooth Data encryption	ALL	1 <0-1>	SYS	0: Not encrypted 1: Encrypted This setting is valid only when the bluetooth security function is ON.	1
1719	Bluetooth	Bluetooth BIP Paper type	ALL	0 <0-3>	SYS	0: Fit page 1: 1/2 size 2: 1/4 size 3: 1/8 size	1
1720	Network	IP address range for IP filter (Minimum area 1)	ALL	-	-	IP filter minimum area 1 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1721	Network	IP address range for IP filter (Maximum area 1)	ALL	-	-	IP filter maximum area 1 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1722	Network	IP address range for IP filter I (Minimum area 2)	ALL	-	-	IP filter minimum area 2 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1723	Network	IP address range for IP filter (Maximum area 2)	ALL	-	-	IP filter maximum area 2 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1724	Network	IP address range for IP filter (Minimum area 3)	ALL	-	-	IP filter minimum area 3 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1725	Network	IP address range for IP filter (Maximum area 3)	ALL	-	-	IP filter maximum area 3 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1726	Network	IP address range for IP filter (Minimum area 4)	ALL	-	-	IP filter minimum area 4 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1727	Network	IP address range for IP filter (Maximum area 4)	ALL	-	-	IP filter maximum area 4 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1728	Network	IP address range for IP filter (Minimum area 5)	ALL	-	-	IP filter minimum area 5 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1729	Network	IP address range for IP filter (Maximum area 5)	ALL	-	-	IP filter maximum area 5 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1730	Network	IP address range for IP filter (Minimum area 6)	ALL	-	-	IP filter minimum area 6 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1731	Network	IP address range for IP filter (Maximum area 6)	ALL	-	-	IP filter maximum area 6 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1732	Network	IP address range for IP filter (Minimum area 7)	ALL	-	-	IP filter minimum area 7 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1733	Network	IP address range for IP filter (Maximum area 7)	ALL	-	-	IP filter maximum area 7 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1734	Network	IP address range for IP filter (Minimum area 8)	ALL	-	-	IP filter minimum area 8 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1735	Network	IP address range for IP filter (Maximum area 8)	ALL	-	-	IP filter maximum area 8 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1736	Network	IP address range for IP filter (Minimum area 9)	ALL	-	-	IP filter minimum area 9 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1737	Network	IP address range for IP filter (Maximum area 9)	ALL	-	-	IP filter maximum area 9 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12
1738	Network	IP address range for IP filter (Minimum area 10)	ALL	-	-	IP filter minimum area 10 000.000.000.000- 255.255.255.255 (Default value: 000.000.000.000)	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1739	Network	IP address range for IP filter (Maximum area 10)	ALL	-	-	IP filter maximum area 10 000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12
1740	Network	SSL setting SSL ftp server OFF/ON	ALL	2 <1-2>	-	1: Enabled 2: Disabled	12
1741	Network	SSL setting HTTP server port number	ALL	10443 <1-65535>	-	SSL HTTP server port number	12
1742	Network	SSL setting IPP server OFF/ON setting	ALL	2 <1-2>	-	1: Enabled 2: Disabled	12
1743	Network	SSL setting IPP server port number	ALL	443 <1-65535>	-	SSL IPP server port number	12
1744	Network	SSL setting SSL ftp server OFF/ON	ALL	2 <1-2>	-	OFF/ON 1: Valid 2: Invalid	12
1745	Network	SSL setting SSL ftp server Port	ALL	990 <1-65535>	-	Port number to FTP Server	12
1746	Network	SSL setting SSL LDAP Client OFF/ON	ALL	2 <1-3>	-	OFF/ON 1: Valid 2: Invalid 3: Use imported certificate	12
1747	Network	SSL setting SSL LDAP Client Port	ALL	636 <1-65535>	-	Port number to LDAP Server	12
1748	Network	SSL setting SSL POP3 Client OFF/ON	ALL	2 <1-3>	-	OFF/ON 1: Valid 2: Invalid 3: Use imported certificate	12
1749	Network	SSL setting SSL POP3 Client Port	ALL	995 <1-65535>	-	Port number to POP3 Server	12
1750	Network	SSL setting SSL SMTP Client OFF/ON	ALL	2 <2-6>	-	2: Invalid 3: Accept all certificates of SMTP with TLS (STARTTLS) server 4: Accept all certificates of SMTPS (SMTP OverSSL) server 5: Use imported certificates of SMTP with TLS (STARTTLS) server 6: Use imported certificates of SMTPS (SMTP OverSSL) server	12
1751	Network	SSL setting SSL SMTP Client Port	ALL	465 <1-65535>	-	Port number to SMTP Server	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1755	Network	Enabling server's IP address acquired by DHCP	ALL	2 <1-2>	-	Domain Name Server option (6) 1: Enabled 2: Disabled * This value is used only when DHCP is enabled.	12
1756	Network	Enabling server's IP address acquired by DHCP	ALL	2 <1-2>	-	NetBIOS over TCP/IP Name Server option (44) = Primary and Secondary Wins NAME 1: Enabled 2: Disabled * This value is used only when DHCP is enabled.	12
1757	Network	Enabling server's IP address acquired by DHCP	ALL	1 <1-2>	-	The Host Name Vendor Extension option (12) 1: Enabled 2: Disabled This value is used only when DHCP is enabled.	12
1762	Network	Enabling server's IP address acquired by DHCP	ALL	2 <1-2>	-	SNTP Server Option (42) NTP Server Address 1: Enabled 2: Disabled * This value is used only when DHCP is enabled.	12
1764	Wireless LAN	Wireless LAN supplicant Control sequence setting of "Cipher Suite"	ALL	-	-	Maximum 255 letters	12
1765	Wireless LAN	Wireless LAN supplicant Path name for user certificate	ALL	-	-	Maximum 63 letters	12
1766	Wireless LAN	Wireless LAN supplicant Path name entered for CA self-certificate	ALL	-	-	Maximum 63 letters	12
1767	Network	Enabling server's IP address acquired by DHCP	ALL	2 <1-2>	SYS	DNS domain name Option (15) DNS domain name of the client 1: Enabled 2: Disabled * This value is used only when DHCP is enabled.	12
1768	Network	Previous IP address	ALL	-	-	000.000.000.000-255.255.255.255 (Default value: 000.000.000.000)	12

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1778	General	Hang-up period of control panel at the 3rd misentry of administrator's password		ALL	1 <0-7>	SYS	0: No hang-up 1: 0.5 minutes (= 30 seconds) 2: 1 minute 3: 3 minutes 4: 5 minutes 5: 10 minutes 6: 15 minutes 7: 30 minutes	1
1779	Network	Default data saving directory of "Scan to File"		ALL	0 <0-2>	SYS	0: Local directory 1: REMOTE 1 2: REMOTE 2	1
1781-0	Network	Notification of scan job	When job completed	ALL	0 <0-1>	SYS	Sets the notification method of scan job completion. 0: Invalid 1: Valid	4
1781-1			On error	ALL	0 <0-1>	SYS		4
1782	Network	File name format of "Save as file" and Email transmission		ALL	0 <0-6>	SYS	Sets the naming method of the file of "Save as file" and Email transmission. 0: [FileName]-[Data]-[Page] 1: [FileName]-[Page]-[Data] 2: [Data]-[FileName]-[Page] 3: [Data]-[Page]-[FileName] 4: [Page]-[FileName]-[Data] 5: [Page]-[Data]-[FileName] 6: [HostName]_[Data]-[Page]	1
1783	Network	Date display format of the file name of "Save as file" and Email transmission		ALL	0 <0-5>	SYS	Sets the data display format of the file of "Save as file" and Email transmission. 0: [YYYY][MM][DD][HH][mm][SS] 1: [YY][MM][DD][HH][mm][SS] 2: [YYYY][MM][DD] 3: [YY][MM][DD] 4: [HH][mm][SS] 5: [YYYY][MM][DD][HH][mm][SS][mm0] The order of [YY], [MM] and [DD] varies depending on the setting of the code 08-640 (Data display format).	1

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1784	Network	Single page data saving directory at "Save as file"		ALL	0 <0-1>	SYS	Sets the directory where the file of "Save as file" is saved. 0: Save it under a subfolder 1: Save it without creating a subfolder	1
1785	Network	Page number display format of the file of "Save as file" and Email transmission		ALL	4 <3-6>	SYS	Sets the digit of a page number attached on the file. 3-6: 3-6 digits	1
1786	Network	Extension (suffix) format of the file of "Save as file"		ALL	3 <3-6>	SYS	Sets the extension digits of the file to be saved. 3: Auto 4: 4 digits 5: 5 digits 6: 6 digits	1
1800-0	Image processing	Color toner forced supply time setting	Y	ALL (color)	70 <0-255>	M	Sets the motor driving time of the developer unit at the time of the color toner forced supply. 0-255: Setting value x 0.1 seconds	4
1800-1			M	ALL (color)	70 <0-255>	M		4
1800-2			C	ALL (color)	70 <0-255>	M		4
1801	Image processing	Color toner forced supply count setting		ALL (color)	7 <1-10>	M	Sets the number of times of the color toner forced supply.	1
1802-0	Image processing	Start up setting of the developer material stabilizing mode.	Level	ALL	3 <2-8>	M	Sets the performing level of the developer material stabilizing operation.	4
1802-1			Pattern interval	ALL	50 <0-100>	M	Set the interval time between performances of developer material stabilizing operation.	4
1802-2			Number of repeating time	ALL	10 <0-20>	M	Set the number of repeating times of the developer material stabilizing operation.	4
1911	Finisher	Manual stapling time-out period		ALL	15 <3-30>	M	3-30sec. (In increments of 1sec.)	1
1912	Finisher	Finisher model switching setting value		ALL	0 <0-1>	M	0: MJ-1023 1: MJ-1101	1
1913	General	Page number addition on multipage file names of "File/Email"		ALL	0 <0-1>	SYS		1
1914	General	Maximum number of decimals in extension fields		ALL	2 <0-255>	SYS		1
1915	Network	Filing size for Network scanning function		ALL	0 <0-1>	SYS	0: Eliminates 2 mm from circumference (Void: 2 mm) 1: No space eliminated (Void: 0 mm)	1
1916	General	Default saving/attachment files of "File/Email"		ALL	0 <0-1>	SYS		1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1920	Network	Device domain name of device authentication	ALL	-	UTY	Maximum 128 letters	12
1921	Network	Windows domain No. 2 of user authentication	ALL	-	UTY	Maximum 128 letters	12
1922	Network	Windows domain No. 3 of user authentication	ALL	-	UTY	Maximum 128 letters	12
1923	Network	LDAP authentication Server type	ALL	1 <1-2>	NIC	1: Windows Server 2: Not Windows Server	12
1924	Network	LDAP authentication User attribute	ALL	-	NIC	Sets a user attribute name.	12
1925	Network	Execution of user authentication when the user ID is not entered	ALL	2 <0-2>	SYS	0: Forcible execution 1: Execution impossible (pooled in the invalid queue) 2: Forcible deletion	1
1926	FAX	Tab/cover sheet printing at FAX reception Printing stop function	ALL	0 <0-1>	SYS	Sets on or off of the printing function of special sheets such as tab or cover sheet of FAX, Email or list print. 0: Function off 1: Function on	1
1928	Network	Role Based Access LDAP search index	ALL	0 <0-4294967295>	SYS		5
1929	User interface	Key arrangement for language 1	ALL	0 <0-2>	SYS	0: QWERTY layout (for EUR) 1: QWERTZ layout 2: AZERTY layout	1
1930	User interface	Key arrangement for language 2	ALL	1 <0-2>	SYS	0: QWERTY layout (for EUR) 1: QWERTZ layout 2: AZERTY layout	1
1931	User interface	Key arrangement for language 3	ALL	EUR: 2 UC: 0 JPN: 0 <0-2>	SYS	0: QWERTY layout (for EUR) 1: QWERTZ layout 2: AZERTY layout	1
1932	User interface	Key arrangement for language 4	ALL	0 <0-2>	SYS	0: QWERTY layout (for EUR) 1: QWERTZ layout 2: AZERTY layout	1
1933	User interface	Key arrangement for language 5	ALL	0 <0-2>	SYS	0: QWERTY layout (for EUR) 1: QWERTZ layout 2: AZERTY layout	1
1934	User interface	Key arrangement for language 6	ALL	0 <0-2>	SYS	0: QWERTY layout (for EUR) 1: QWERTZ layout 2: AZERTY layout	1
1935	User interface	Key arrangement for language 7	ALL	0 <0-2>	SYS	0: QWERTY layout (for EUR) 1: QWERTZ layout 2: AZERTY layout	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1936	Network	AppleTalk device name	ALL	MFP- serial	UTY	Maximum 32 letters The Network-related serial number of the equipment appears at "serial".	12
1937	Network	User name and password at user authentication or "Save as file"	ALL	0 <0-2>	SYS	0: User name and password of the device 1: User name and password at the user authentication (Template registra- tion information comes first when a template is retrieved.) 2: User name and password at the user authentication (User information of the authentication comes first when a template is retrieved.)	1
1938	General	Reformatting process due to a version change of SYS ROM	ALL	- <0-2>	-	Use this setting to reformat the specific parti- tion whose file system has been changed in Ver.2, at the version up/ downgrade of the SYS ROM. No reformatting pro- cess shall be used in any cases other than this version change. 0: Waiting (No refor- mating) 1: dosFs to catFs (Ver- sion upgrade from Ver.1 to Ver.2 or later) 2: catFs to dosFs (Ver- sion downgrade from Ver.2 or later to Ver.1)	7
1941	Blue- tooth	Bluetooth BIP Paper size	ALL	EUR: 6 UC: 2 JPN: 6 <0-13>	SYS	0: Ledger 1: Legal 2: Letter 3: Computer 4: Statement 5: A3 6: A4 7: A5 8: A6 9: B4 10: B5 11: Folio 12: Legal13" 13: LetterSquare	
1950	Network	SMB signature for SMB server	ALL	1 <0-3>	UTY	1: Auto 2: Valid 3: Invalid	12
1951	Network	SMB signature for SMB cli- ent	ALL	1 <0-3>	UTY	1: Auto 2: Valid 3: Invalid	12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1952	Network	Device name for device authentication	ALL	-	UTY	Maximum 128 letters	12
1953	Network	Password for the device name used for device authentication	ALL	-	UTY	Maximum 128 letters	12
1954	Network	PDC2 of user authentication	ALL	-	UTY	Maximum 128 letters	12
1955	Network	BDC2 of user authentication	ALL	-	UTY	Maximum 128 letters	12
1956	Network	PDC3 of user authentication	ALL	-	UTY	Maximum 128 letters	12
1957	Network	BDC3 of user authentication	ALL	-	UTY	Maximum 128 letters	12
1958	Network	PDC of device authentication	ALL	-	UTY	Maximum 128 letters	12
1959	Network	BDC of device authentication	ALL	-	UTY	Maximum 128 letters	12
1960	General	KS Filter operation mode	ALL	0 <0-1>	SYS	0: Disabled 1: Enabled	1
1961	General	KS/KSSM setting all clearing	ALL	-	-	Does not reset the value of the code 08-1960 but resets those of the codes 08-1963 to 1994.	3
1963	General	KS Filter Emulation Mode	ALL	0 <0-2>	SYS	0: Auto 1: KS 2: KSSM	1
1964	General	KS Filter Paper Size	ALL	1 <0-5>	SYS	0: A3 1: A4 2: B4 3: B5 4: Letter 5: Legal	1
1965	General	KS Filter Orientation	ALL	0 <0-1>	SYS	0: Portrait 1: Landscape	1
1966	General	KS Filter Copies	ALL	1 <1-999>	SYS		1
1967	General	KS Paper Source	ALL	0 <0-1>	SYS		1
1968	General	KS Duplex Mode	ALL	0 <0-2>	SYS		1
1970	General	KS CPI (English CPI/ Hangle CPI)	ALL	1 <0-10>	SYS	0: (5/10) 1: (6/12) 2: (6.7/13.3) 3: (6.9/13.8) 4: (7.5/15) 5: (8.3/16.7) 6: (9/18) 7: (10/10) 8: (10/20) 9: (12/24) 10: (15/30)	1
1971	General	KS LPI	ALL	60 <30-160>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "45" for a font size 4.5.)	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1972	General	KS Type Face	ALL	0 <0-5>	SYS	0: MYUNGJO 1: GOTHIC 2: GUNGSEO 3: GULLIM 4: GRAPH 5: SAMMUL	1
1973	General	KS Font Size	ALL	96 <96-160>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "100" for a font size 10.0.)	1
1974	General	KS Zoom	ALL	100 <20-400>	SYS		1
1975	General	KS CR/LF Mode	ALL	2 <0-3>	SYS	0: CR->CR, LF->LF 1: CR->CR+LF, LF->LF 2: CR->CR, LF->CR+LF 3: CR->CR+LF, LF->CR+LF	1
1976	General	KS Top Margin	ALL	0 <0-50>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "40" for a font size 4.0.)	1
1977	General	KS Left Margin	ALL	0 <0-50>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "40" for a font size 4.0.)	1
1978	General	KS Auto Wrap	ALL	0 <0-1>	SYS	0: OFF 1: ON	1
1979	General	KS Han Mode	ALL	1 <0-1>	SYS	0: OFF 1: ON	1
1980	General	KS Han Code	ALL	0 <0-1>	SYS	0: Wansung 1: Johap	1
1984	General	KSSM CPI (English CPI/ Hangle CPI)	ALL	1 <0-10>	SYS	0: (5/10) 1: (6/12) 2: (6.7/13.3) 3: (6.9/13.8) 4: (7.5/15) 5: (8.3/16.7) 6: (9/18) 7: (10/10) 8: (10/20) 9: (12/24) 10: (15/30)	1
1985	General	KSSM LPI	ALL	60 <30-160>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "45" for a font size 4.5.)	1

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1986	General	KSSM Type Face	ALL	0 <0-5>	SYS	0: MYUNGJO 1: GOTHIC 2: GUNGSEO 3: GULLIM 4: GRAPH 5: SAMMUL	1
1987	General	KSSM Font Size	ALL	96 <96-160>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "100" for a font size 10.0.)	1
1988	General	KSSM Zoom	ALL	100 <20-400>	SYS		1
1989	General	KSSM CR/LF Mode	ALL	2 <0-3>	SYS	0: CR->CR, LF->LF 1: CR->CR+LF, LF->LF 2: CR->CR, LF->CR+LF 3: CR->CR+LF, LF->CR+LF	1
1990	General	KSSM Top Margin	ALL	0 <0-50>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "40" for a font size 4.0.)	1
1991	General	KSSM Left Margin	ALL	0 <0-50>	SYS	Key in the value 10 times as the desired font size. (e.g.: Key in "40" for a font size 4.0.)	1
1992	General	KSSM Auto Wrap	ALL	0 <0-1>	SYS	0: OFF 1: ON	1
1993	General	KSSM Han Mode	ALL	1 <0-1>	SYS	0: OFF 1: ON	1
1994	General	KSSM Han Code	ALL	0 <0-1>	SYS	0: Wansung 1: Johap	1
3722	Network	Device authentication PDC/BDC time-out period (Unit: Seconds)	ALL	60 <1-180>	NIC	Applied to the device authentication	12
3723	Network	User authentication PDC/BDC time-out period (Unit: Seconds)	ALL	30 <1-180>	NIC	Applied to the user authentication	12
3724	Network	Windows domain authentication of device/user authentication	ALL	1 <1-3>	NIC	1: Auto 2: Kerberos 3: NTLMv2	12
3725	Network	IPP max connection	ALL	16 <1-16>	NIC		12
3726	Network	IPP active connection	ALL	10 <1-16>	NIC		12
3727	Network	LPD max connection	ALL	10 <1-16>	NIC		12
3728	Network	LPD active connection	ALL	10 <1-16>	NIC		12
3729	Network	ATalk PS max Connection	ALL	10 <1-16>	NIC		12

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
3730	Network	ATalk PS active Connection	ALL	10 <1-16>	NIC		12
3731	Network	Raw TCP max connection	ALL	10 <1-16>	NIC		12
3732	Network	Raw TCP active connection	ALL	10 <1-16>	NIC		12
3736	Network	DNS Client Time Out	ALL	60 <1-180>	NIC	Use when a timeout occurred at DNS client connection	12
3737	Network	DDNS Client Time Out	ALL	60 <1-180>	NIC	Use when a timeout occurred at DDNS client connection	12
3738	Network	HTTP Client Time Out	ALL	60 <1-180>	NIC	Use when a timeout occurred at HTTP client connection	12
3739	Network	FTP Client Time Out (SCAN)	ALL	30 <1-180>	NIC	Use when a timeout occurred at FTP client connection	12
3740	Network	SNTP Client Time Out	ALL	30 <1-180>	NIC	Use when a timeout occurred at SNTP client connection	12
3741	Network	SMTP Client Time Out	ALL	30 <1-180>	NIC	Use when a timeout occurred at SMTP client connection	12
3742	Network	POP3 Client Time Out	ALL	30 <1-180>	NIC	Use when a timeout occurred at POP3 client connection	12
3743	Network	LDAP Client Time Out	ALL	30 <1-180>	NIC	Use when a timeout occurred at LDAP client connection	12
3744	Network	POP3 Authentication method	ALL	1 <1-3>	NIC	POP3 authentication method setting 1: Disable (Default) 2: NTLM 3: Kerberos	12

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
6810-0	Counter	Number of output pages in black mode / Large size	1-UP / Duplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of output pages printed only in the black mode.	4
6810-1			2-UP / Duplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [2IN1] or [MAGAZINE SORT].	4
6810-2			2-UP / Simplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [2IN1] or [MAGAZINE SORT].	4
6810-3			4-UP / Duplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [4IN1].	4
6810-4			4-UP / Simplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [4IN1].	4
6810-7			1-UP / Simplex printing	PPC (black)	0 <8 digits>	SYS	Counts the number of sheets printed only in the black mode.	4
6811-0			Counter	Number of output pages in full color mode / Large	1-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS
6811-1	2-UP / Duplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [2IN1] or [MAGAZINE SORT].	4
6811-2	2-UP / Simplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [2IN1] or [MAGAZINE SORT].	4
6811-3	4-UP / Duplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [4IN1].	4
6811-4	4-UP / Simplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [4IN1].	4
6811-7	1-UP / Simplex printing	PPC (color)			0 <8 digits>	SYS	Counts the number of sheets printed only in the full color mode.	4

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
6812-0	Counter	Number of output pages in twin color mode / Large	1-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages printed only in the twin color mode.	4
6812-1			2-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the twin color mode using [2IN1] or [MAGAZINE SORT].	4
6812-2			2-UP / Simplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the twin color mode using [2IN1] or [MAGAZINE SORT].	4
6812-3			4-UP / Duplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the twin color mode using [4IN1].	4
6812-4			4-UP / Simplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the twin color mode using [4IN1].	4
6812-7			1-UP / Simplex printing	PPC (color)	0 <8 digits>	SYS	Counts the number of sheets printed only in the twin color mode.	4
6813-0			Counter	Number of output pages of the printer or BOX / Large	1-UP / Duplex printing	PRT (black)	0 <8 digits>	SYS
6813-1	2-UP / Duplex printing	PRT (black)			0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [2IN1] or [MAGAZINE SORT].	4
6813-2	2-UP / Simplex printing	PRT (black)			0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [2IN1] or [MAGAZINE SORT].	4
6813-3	4-UP / Duplex printing	PRT (black)			0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [4IN1].	4
6813-4	4-UP / Simplex printing	PRT (black)			0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [4IN1].	4
6813-5	N-UP / Duplex printing	PRT (black)			0 <8 digits>	SYS	Counts the number of output pages printed in the black mode using [N IN1].	4
6813-6	N-UP / Simplex printing	PRT (black)			0 <8 digits>	SYS	Counts the number of sheets printed in the black mode using [N IN1].	4
6813-7	1-UP / Simplex printing	PRT (black)			0 <8 digits>	SYS	Counts the number of sheets printed only in the black mode.	4

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
6814-0	Counter	Number of output pages of the printer or BOX / Large (Full color)	1-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed only in the full color mode.	4
6814-1			2-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [2IN1] or [MAGAZINE SORT].	4
6814-2			2-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [2IN1] or [MAGAZINE SORT].	4
6814-3			4-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [4IN1].	4
6814-4			4-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [4IN1].	4
6814-5			N-UP / Duplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of output pages printed in the full color mode using [N IN1].	4
6814-6			N-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed in the full color mode using [N IN1].	4
6814-7			1-UP / Simplex printing	PRT (color)	0 <8 digits>	SYS	Counts the number of sheets printed only in the full color mode.	4
6815-0	Counter	Number of output pages of the FAX printing / Large	1-UP / Simplex printing	FAX	0 <8 digits>	SYS	Counts the number of output pages in the default settings.	4
6815-7			1-UP / Duplex printing	FAX	0 <8 digits>	SYS		4
9047	General	Process control flag setting of easy setup (manual unpacking adjustment)		ALL	0 <0-2>	SYS	0: No change of manual unpacking adjustment 1: OFF status of manual unpacking adjustment flag 2: Returns to the initial unpacking mode	1
9117	Network	Raw printing job (Blank page will not be printed)		PRT	0 <0-1>	SYS	0: OFF 1: ON	1
9359	User interface	Printing resume after jam releasing		ALL	0 <0-1>	SYS	0: Auto resume 1: Resume by users	1
9394	Network	Single-page option for storing File and sending Email		ALL	0 <0-1>	SYS	0: Sets 1 page as 1 file 1: Makes a file based on the original	1
9629	Network	Attribute name for LDAP Role Based Access		ALL	eBMUserR <->	SYS		11

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
9739	Maintenance	Remote service Toner-end notification	ALL	0 <0-2>	SYS	0: RDMS toner empty notified immediately 1: RDMS toner empty notified once a day 2: RDMS toner empty not notified	1
9828	General	Remote scanning mode	ALL	0 <0-1>	SYS	0: Batch 1: Sequential	1
9829	General	Department management limitation setting	ALL	0 <0-3>	SYS	Decide the default limitation setting when the new department code is created. 0: No limit 1: Limited only in the black mode 2: Limited in the color mode 3: Limited in the black/ color mode	1
9847	Finisher	Hole punching setting	ALL	0 <0-1>	SYS	0: Invalid 1: Valid	1
9880	General	Total counter transmission date setting (2)	ALL	1 <1-31>	SYS	1 to 31	1
9881	General	Day of total counter data transmission	ALL	0 <0-127>	-	1 byte 00000000(0)- 01111111(127) From the 2nd bit - Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday	1
9882	General	Display mode of the used capacity on the e-Filing administrator page	ALL	1 <0-1>	SYS	0: All files search mode 1: Performance priority mode	1
9885	General	New/Old FROM identifica- tion	ALL	- <-1-1>	-	0: Old FROM 1: New FROM -1: Error	2
9886	Scanner	Decimal point indication for Enhanced Scan Template	SCN	EUR: 0 UC: 1 JPN: 1 <0-1>	SYS	0: Comma 1: Period	1
9888	Scanner	Permission setting for changing the scan parame- ter when recalling an extension	SCN	0 <0-1>	SYS	0: Prohibited 1: Accepted	1
9891	User interface	Warning message on the touch panel when PM (Periodic Maintenance) time has come	ALL	1 <0-1>	SYS	0: No warning notifica- tion 1: Warning notification	1

Note:

In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process.

After that, the toner image formation is retried while the paper is waited.

In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed.

Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as "0" (no limit).

The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.

<<Pixel counter related code>>(Chap. 2.2.6)

Note:

In the pixel counter function, the twin color copy mode is regarded as the full color mode.

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1500	Pixel counter	Standard paper size setting	ALL	EUR: 0 UC: 1 JPN: 0 <0-1>	SYS	Selects the standard paper size to convert it into the pixel count (%). 0: A4 1: LT	1
1501	Pixel counter	Pixel counter all clearing	ALL	-	SYS	Clears all information related to the pixel counter.	3
1502	Pixel counter	Service technician reference counter clearing	ALL	-	SYS	Clears all information related to the service technician reference pixel counter.	3
1503	Pixel counter	Toner cartridge reference counter clearing	ALL	-	SYS	Clears all information related to the toner cartridge reference pixel counter.	3
1504	Pixel counter	Pixel counter display setting	ALL	1 <0-1>	SYS	Selects whether or not to display the pixel counter on the LCD screen. 0: Displayed 1: Not displayed	1
1505	Pixel counter	Displayed reference setting	ALL	0 <0-1>	SYS	Selects the reference when displaying the pixel counter on the LCD screen. 0: Service technician reference 1: Toner cartridge reference	1
1506	Pixel counter	Toner empty determination counter setting	ALL	0 <0-1>	SYS	Selects the counter to determine toner empty. 0: Output pages 1: Pixel counter	1
1507	Pixel counter	Threshold setting for toner empty determination (Output pages)	ALL	500 <0-999>	SYS	Sets the number of output pages to determine toner empty. This setting is valid when "0" is set at 08-1506.	1
1508	Pixel counter	Threshold setting for toner empty determination (Pixel counter)	ALL	21500 <0-60000>	SYS	Sets the number of output pages to determine toner empty. This setting is valid when "1" is set at 08-1506.	1
1509	Pixel counter	Pixel counter clear flag/Service technician reference	ALL	0 <0-1>	SYS	Becomes "1" when 08-1502 is performed.	2
1510	Pixel counter	Service technician reference cleared date	ALL	-	SYS	Displays the date on which 08-1502 was performed.	2
1511	Pixel counter	Toner cartridge reference cleared date (Y)	ALL (color)	-	SYS	Displays the date on which 08-1503 was performed.	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1512	Pixel counter	Toner cartridge reference cleared date (M)	ALL (color)	-	SYS	Displays the date on which 08-1503 was performed.	2
1513	Pixel counter	Toner cartridge reference cleared date (C)	ALL (color)	-	SYS	Displays the date on which 08-1503 was performed.	2
1514	Pixel counter	Toner cartridge reference cleared date (K)	ALL	-	SYS	Displays the date on which 08-1503 was performed.	2
1515	Pixel counter	Toner cartridge reference count started date (Y)	ALL (color)	-	SYS	Displays the date on which 08-1503 was performed.	2
1516	Pixel counter	Toner cartridge reference count started date (M)	ALL (color)	-	SYS	Displays the date on which 08-1503 was performed.	2
1517	Pixel counter	Toner cartridge reference count started date (C)	ALL (color)	-	SYS	Displays the date on which 08-1503 was performed.	2
1518	Pixel counter	Toner cartridge reference count started date (K)	ALL	-	SYS	Displays the date on which 08-1503 was performed.	2
1547	Pixel counter	Number of output pages/fullcolor (Service technician reference)	PPC (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode and service technician reference. [Unit. page]	2
1548	Pixel counter	Number of output pages/black (Service technician reference)	PPC (black)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the copy function, black mode and service technician reference. [Unit. page]	2
1549	Pixel counter	Number of output pages/fullcolor (Service technician reference)	PRT (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode and service technician reference. [Unit. page]	2
1550	Pixel counter	Number of output pages/black (Service technician reference)	PRT (black)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the printer function, black mode and service technician reference. [Unit. page]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1551	Pixel counter	Number of output pages/ black (Service technician reference)	FAX (black)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the FAX function, black mode and service technician reference. [Unit. page]	2
1552	Pixel counter	Number of output pages/ full color (K) (Toner cartridge reference)	PPC (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner K and toner cartridge reference. [Unit. page]	2
1553	Pixel counter	Number of output pages/ black (Toner cartridge reference)	PPC (black)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the copy function, black mode and toner cartridge reference. [Unit. page]	2
1554	Pixel counter	Number of output pages/ full color (K) (Toner cartridge reference)	PRT (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner K and toner cartridge reference. [Unit. page]	2
1555	Pixel counter	Number of output pages/ black (Toner cartridge reference)	PRT (black)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the printer function, black mode and toner cartridge reference. [Unit. page]	2
1556	Pixel counter	Number of output pages/ black (Toner cartridge reference)	FAX (black)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the FAX function, black mode and toner cartridge reference. [Unit. page]	2
1557	Pixel counter	Number of output pages/ full color (Y) (Toner cartridge reference)	PPC (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner Y and toner cartridge reference. [Unit. page]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1558	Pixel counter	Number of output pages/ full color (Y) (Toner cartridge reference)	PRT (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner Y and toner cartridge reference. [Unit. page]	2
1559	Pixel counter	Number of output pages/ full color (M) (Toner cartridge reference)	PPC (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner M and toner cartridge reference. [Unit. page]	2
1560	Pixel counter	Number of output pages/ full color (M) (Toner cartridge reference)	PRT (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner M and toner cartridge reference. [Unit. page]	2
1561	Pixel counter	Number of output pages/ full color (C) (Toner cartridge reference)	PPC (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner C and toner cartridge reference. [Unit. page]	2
1562	Pixel counter	Number of output pages/ full color (C) (Toner cartridge reference)	ALL (color)	<8 digits>	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner C and toner cartridge reference. [Unit. page]	2
1563	Pixel counter	Toner cartridge Y replacement counter	ALL (color)	<3 digits>	SYS	Counts the number of time of the toner cartridge Y replacement.	2
1564	Pixel counter	Toner cartridge M replacement counter	ALL (color)	<3 digits>	SYS	Counts the number of time of the toner cartridge M replacement.	2
1565	Pixel counter	Toner cartridge C replacement counter	ALL (color)	<3 digits>	SYS	Counts the number of time of the toner cartridge C replacement.	2
1566	Pixel counter	Toner cartridge K replacement counter	ALL	<3 digits>	SYS	Counts the number of time of the toner cartridge K replacement.	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1577	Pixel counter	Average pixel count/full color (Y+M+C+K) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2
1578	Pixel counter	Average pixel count/full color (Y) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2
1579	Pixel counter	Average pixel count/full color (M) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2
1580	Pixel counter	Average pixel count/full color (C) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2
1581	Pixel counter	Average pixel count/full color (K) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2
1582	Pixel counter	Average pixel count/full color (Y+M+C+K) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2
1583	Pixel counter	Average pixel count/full color (Y) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2
1584	Pixel counter	Average pixel count/full color (M) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1585	Pixel counter	Average pixel count/full color (C) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2
1586	Pixel counter	Average pixel count/full color (K) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2
1587	Pixel counter	Average pixel count/full color (Y+M+C+K) (Service technician reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2
1588	Pixel counter	Average pixel count/full color (Y) (Service technician reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2
1589	Pixel counter	Average pixel count/full color (M) (Service technician reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2
1590	Pixel counter	Average pixel count/full color (C) (Service technician reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2
1591	Pixel counter	Average pixel count/full color (K) (Service technician reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2
1592	Pixel counter	Average pixel count/black (Service technician reference)	PPC (black)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, black mode and service technician reference. [Unit: 0.01%]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1593	Pixel counter	Average pixel count/black (Service technician reference)	PRT (black)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, black mode and service technician reference. [Unit: 0.01%]	2
1594	Pixel counter	Average pixel count/black (Service technician reference)	FAX (black)	0 <0-10000>	SYS	Displays the average pixel count in the FAX function, black mode and service technician reference. [Unit: 0.01%]	2
1595	Pixel counter	Average pixel count/black (Service technician reference)	PPC/PRT/FAX (black)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer/FAX function, black mode and service technician reference. [Unit: 0.01%]	2
1596	Pixel counter	Latest pixel count/full color (Y+M+C+K) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2
1597	Pixel counter	Latest pixel count/full color (Y) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2
1598	Pixel counter	Latest pixel count/full color (M) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2
1599	Pixel counter	Latest pixel count/full color (C) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2
1600	Pixel counter	Latest pixel count/full color (K) (Service technician reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2
1601	Pixel counter	Latest pixel count/full color (Y+M+C+K) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1602	Pixel counter	Latest pixel count/full color (Y) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2
1603	Pixel counter	Latest pixel count/full color (M) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2
1604	Pixel counter	Latest pixel count/full color (C) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2
1605	Pixel counter	Latest pixel count/full color (K) (Service technician reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2
1606	Pixel counter	Latest pixel count/black (Service technician reference)	PPC (black)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, black mode and service technician reference. [Unit: 0.01%]	2
1607	Pixel counter	Latest pixel count/black (Service technician reference)	PRT (black)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, black mode and service technician reference. [Unit: 0.01%]	2
1608	Pixel counter	Latest pixel count/black (Service technician reference)	FAX (black)	0 <0-10000>	SYS	Displays the latest pixel count in the FAX function, black mode and service technician reference. [Unit: 0.01%]	2
1609	Pixel counter	Average pixel count/full color (Y) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1610	Pixel counter	Average pixel count/full color (M) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2
1611	Pixel counter	Average pixel count/full color (C) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2
1612	Pixel counter	Average pixel count/full color (K) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2
1613	Pixel counter	Average pixel count/black (Toner cartridge reference)	PPC (black)	0 <0-10000>	SYS	Displays the average pixel count in the copy function, black mode and toner cartridge reference. [Unit: 0.01%]	2
1614	Pixel counter	Average pixel count/full color (K)+black (Toner cartridge reference)	PPC	0 <0-10000>	SYS	Displays the average pixel count in the copy function, full color/black mode, toner K and toner cartridge reference. [Unit: 0.01%]	2
1615	Pixel counter	Average pixel count/full color (Y) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2
1616	Pixel counter	Average pixel count/full color (M) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2
1617	Pixel counter	Average pixel count/full color (C) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1618	Pixel counter	Average pixel count/full color (K) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2
1619	Pixel counter	Average pixel count/black (Toner cartridge reference)	PRT (black)	0 <0-10000>	SYS	Displays the average pixel count in the printer function, black mode and toner cartridge reference. [Unit: 0.01%]	2
1620	Pixel counter	Average pixel count/full color (K)+black (Toner cartridge reference)	PRT	0 <0-10000>	SYS	Displays the average pixel count in the printer function, full color/black mode, toner K and toner cartridge reference. [Unit: 0.01%]	2
1621	Pixel counter	Average pixel count/full color (Y) (Toner cartridge reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2
1622	Pixel counter	Average pixel count/full color (M) (Toner cartridge reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2
1623	Pixel counter	Average pixel count/full color (C) (Toner cartridge reference)	PPC/PRT (color)	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2
1624	Pixel counter	Average pixel count/full color (K)+black (Toner cartridge reference)	PPC/PRT/FAX	0 <0-10000>	SYS	Displays the average pixel count in the copy/printer/FAX function, black mode, toner K and toner cartridge reference. [Unit: 0.01%]	2
1625	Pixel counter	Average pixel count/black (Toner cartridge reference)	FAX (black)	0 <0-10000>	SYS	Displays the average pixel count in the FAX function, black mode and toner cartridge reference. [Unit: 0.01%]	2

Setting mode (08)							
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure
1626	Pixel counter	Latest pixel count/full color (Y) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner Y and toner cartridge reference. [Unit:0.01%]	2
1627	Pixel counter	Latest pixel count/full color (M) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2
1628	Pixel counter	Latest pixel count/full color (C) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2
1629	Pixel counter	Latest pixel count/full color (K) (Toner cartridge reference)	PPC (color)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2
1630	Pixel counter	Latest pixel count/full color (Y) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2
1631	Pixel counter	Latest pixel count/full color (M) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2
1632	Pixel counter	Latest pixel count/full color (C) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2
1633	Pixel counter	Latest pixel count/full color (K) (Toner cartridge reference)	PRT (color)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2
1634	Pixel counter	Latest pixel count/black (Toner cartridge reference)	FAX (black)	0 <0-10000>	SYS	Displays the latest pixel count in the FAX function, black mode and toner cartridge reference. [Unit: 0.01%]	2

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1639	Pixel counter	Latest pixel count/black (Toner cartridge reference)		PPC (black)	0 <0-10000>	SYS	Displays the latest pixel count in the copy function, black mode and toner cartridge reference. [Unit: 0.01%]	2
1640	Pixel counter	Latest pixel count/black (Toner cartridge reference)		PRT (black)	0 <0-10000>	SYS	Displays the latest pixel count in the printer function, black mode and toner cartridge reference. [Unit: 0.01%]	2
1641-0	Pixel counter	Pixel count distribution/ full color (Y)	0-5%	PPC (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14
1641-1			5.1-10%	PPC (color)	<8 digits>	SYS		14
1641-2			10.1-15%	PPC (color)	<8 digits>	SYS		14
1641-3			15.1-20%	PPC (color)	<8 digits>	SYS		14
1641-4			20.1-25%	PPC (color)	<8 digits>	SYS		14
1641-5			25.1-30%	PPC (color)	<8 digits>	SYS		14
1641-6			30.1-40%	PPC (color)	<8 digits>	SYS		14
1641-7			40.1-60%	PPC (color)	<8 digits>	SYS		14
1641-8			60.1-80%	PPC (color)	<8 digits>	SYS		14
1641-9			80.1-100%	PPC (color)	<8 digits>	SYS		14
1642-0	Pixel counter	Pixel count distribution/ full color (M)	0-5%	PPC (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14
1642-1			5.1-10%	PPC (color)	<8 digits>	SYS		14
1642-2			10.1-15%	PPC (color)	<8 digits>	SYS		14
1642-3			15.1-20%	PPC (color)	<8 digits>	SYS		14
1642-4			20.1-25%	PPC (color)	<8 digits>	SYS		14
1642-5			25.1-30%	PPC (color)	<8 digits>	SYS		14
1642-6			30.1-40%	PPC (color)	<8 digits>	SYS		14
1642-7			40.1-60%	PPC (color)	<8 digits>	SYS		14
1642-8			60.1-80%	PPC (color)	<8 digits>	SYS		14
1642-9			80.1-100%	PPC (color)	<8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1643-0	Pixel counter	Pixel count distribution/ full color (C)	0-5%	PPC (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14
1643-1			5.1-10%	PPC (color)	<8 digits>	SYS		14
1643-2			10.1-15%	PPC (color)	<8 digits>	SYS		14
1643-3			15.1-20%	PPC (color)	<8 digits>	SYS		14
1643-4			20.1-25%	PPC (color)	<8 digits>	SYS		14
1643-5			25.1-30%	PPC (color)	<8 digits>	SYS		14
1643-6			30.1-40%	PPC (color)	<8 digits>	SYS		14
1643-7			40.1-60%	PPC (color)	<8 digits>	SYS		14
1643-8			60.1-80%	PPC (color)	<8 digits>	SYS		14
1643-9			80.1-100%	PPC (color)	<8 digits>	SYS		14
1644-0	Pixel counter	Pixel count distribution/ full color (K)	0-5%	PPC (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14
1644-1			5.1-10%	PPC (color)	<8 digits>	SYS		14
1644-2			10.1-15%	PPC (color)	<8 digits>	SYS		14
1644-3			15.1-20%	PPC (color)	<8 digits>	SYS		14
1644-4			20.1-25%	PPC (color)	<8 digits>	SYS		14
1644-5			25.1-30%	PPC (color)	<8 digits>	SYS		14
1644-6			30.1-40%	PPC (color)	<8 digits>	SYS		14
1644-7			40.1-60%	PPC (color)	<8 digits>	SYS		14
1644-8			60.1-80%	PPC (color)	<8 digits>	SYS		14
1644-9			80.1-100%	PPC (color)	<8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1645-0	Pixel counter	Pixel count distribution/ full color (Y)	0-5%	PRT (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14
1645-1			5.1-10%	PRT (color)	<8 digits>	SYS		14
1645-2			10.1-15%	PRT (color)	<8 digits>	SYS		14
1645-3			15.1-20%	PRT (color)	<8 digits>	SYS		14
1645-4			20.1-25%	PRT (color)	<8 digits>	SYS		14
1645-5			25.1-30%	PRT (color)	<8 digits>	SYS		14
1645-6			30.1-40%	PRT (color)	<8 digits>	SYS		14
1645-7			40.1-60%	PRT (color)	<8 digits>	SYS		14
1645-8			60.1-80%	PRT (color)	<8 digits>	SYS		14
1645-9			80.1-100%	PRT (color)	<8 digits>	SYS		14
1646-0	Pixel counter	Pixel count distribution/ full color (M)	0-5%	PRT (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14
1646-1			5.1-10%	PRT (color)	<8 digits>	SYS		14
1646-2			10.1-15%	PRT (color)	<8 digits>	SYS		14
1646-3			15.1-20%	PRT (color)	<8 digits>	SYS		14
1646-4			20.1-25%	PRT (color)	<8 digits>	SYS		14
1646-5			25.1-30%	PRT (color)	<8 digits>	SYS		14
1646-6			30.1-40%	PRT (color)	<8 digits>	SYS		14
1646-7			40.1-60%	PRT (color)	<8 digits>	SYS		14
1646-8			60.1-80%	PRT (color)	<8 digits>	SYS		14
1646-9			80.1-100%	PRT (color)	<8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items	Function	Default <Acceptable value>	RAM	Contents	Procedure	
1647-0	Pixel counter	Pixel count distribution/ full color (C)	0-5%	PRT (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14
1647-1			5.1-10%	PRT (color)	<8 digits>	SYS		14
1647-2			10.1-15%	PRT (color)	<8 digits>	SYS		14
1647-3			15.1-20%	PRT (color)	<8 digits>	SYS		14
1647-4			20.1-25%	PRT (color)	<8 digits>	SYS		14
1647-5			25.1-30%	PRT (color)	<8 digits>	SYS		14
1647-6			30.1-40%	PRT (color)	<8 digits>	SYS		14
1647-7			40.1-60%	PRT (color)	<8 digits>	SYS		14
1647-8			60.1-80%	PRT (color)	<8 digits>	SYS		14
1647-9			80.1-100%	PRT (color)	<8 digits>	SYS		14
1648-0	Pixel counter	Pixel count distribution/ full color (K)	0-5%	PRT (color)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14
1648-1			5.1-10%	PRT (color)	<8 digits>	SYS		14
1648-2			10.1-15%	PRT (color)	<8 digits>	SYS		14
1648-3			15.1-20%	PRT (color)	<8 digits>	SYS		14
1648-4			20.1-25%	PRT (color)	<8 digits>	SYS		14
1648-5			25.1-30%	PRT (color)	<8 digits>	SYS		14
1648-6			30.1-40%	PRT (color)	<8 digits>	SYS		14
1648-7			40.1-60%	PRT (color)	<8 digits>	SYS		14
1648-8			60.1-80%	PRT (color)	<8 digits>	SYS		14
1648-9			80.1-100%	PRT (color)	<8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1649-0	Pixel counter	Pixel count distribution/black	0-5%	PPC (black)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14
1649-1			5.1-10%	PPC (black)	<8 digits>	SYS		14
1649-2			10.1-15%	PPC (black)	<8 digits>	SYS		14
1649-3			15.1-20%	PPC (black)	<8 digits>	SYS		14
1649-4			20.1-25%	PPC (black)	<8 digits>	SYS		14
1649-5			25.1-30%	PPC (black)	<8 digits>	SYS		14
1649-6			30.1-40%	PPC (black)	<8 digits>	SYS		14
1649-7			40.1-60%	PPC (black)	<8 digits>	SYS		14
1649-8			60.1-80%	PPC (black)	<8 digits>	SYS		14
1649-9			80.1-100%	PPC (black)	<8 digits>	SYS		14
1650-0	Pixel counter	Pixel count distribution/black	0-5%	PRT (black)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14
1650-1			5.1-10%	PRT (black)	<8 digits>	SYS		14
1650-2			10.1-15%	PRT (black)	<8 digits>	SYS		14
1650-3			15.1-20%	PRT (black)	<8 digits>	SYS		14
1650-4			20.1-25%	PRT (black)	<8 digits>	SYS		14
1650-5			25.1-30%	PRT (black)	<8 digits>	SYS		14
1650-6			30.1-40%	PRT (black)	<8 digits>	SYS		14
1650-7			40.1-60%	PRT (black)	<8 digits>	SYS		14
1650-8			60.1-80%	PRT (black)	<8 digits>	SYS		14
1650-9			80.1-100%	PRT (black)	<8 digits>	SYS		14

Setting mode (08)								
Code	Classification	Items		Function	Default <Acceptable value>	RAM	Contents	Procedure
1651-0	Pixel counter	Pixel count distribution/ black	0-5%	FAX (black)	<8 digits>	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14
1651-1			5.1-10%	FAX (black)	<8 digits>	SYS		14
1651-2			10.1-15%	FAX (black)	<8 digits>	SYS		14
1651-3			15.1-20%	FAX (black)	<8 digits>	SYS		14
1651-4			20.1-25%	FAX (black)	<8 digits>	SYS		14
1651-5			25.1-30%	FAX (black)	<8 digits>	SYS		14
1651-6			30.1-40%	FAX (black)	<8 digits>	SYS		14
1651-7			40.1-60%	FAX (black)	<8 digits>	SYS		14
1651-8			60.1-80%	FAX (black)	<8 digits>	SYS		14
1651-9			80.1-100%	FAX (black)	<8 digits>	SYS		14

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