

VB-M600D FIXED NETWORK DOME CAMERA

Indoor Megapixel Camera

The 1.3 Megapixel VB-M600D is equipped with a generous array of high-tech features designed to meet the needs of end-users and installers alike. It offers a 101.2° wide angle lens which produces high-quality images with minimal aberrations due to advanced Canon lens-coating technology, and brilliant low-light performance with color video down to 0.018 Lux. The VB-M600D is also equipped with On-board Video Analytics including Moving Object Detection, Removed Object Detection, Abandoned Object Detection and alerts for Camera Tampering and Volume Detection. The VB-M600D is installation-friendly as it features Canon's unique Easy Setup PTRZ Tool which utilizes special motors to adjust the Pan/Tilt/Rotation angles and Zoom/Focus after installation, and it conforms to the ONVIF network-interoperability standard for simplified integration. This model also includes Canon's advanced **DiGiC NET** processor for simultaneous transmission of high-quality 1280x960/30fps video in M-JPEG and bandwidth-saving H.264 codec. The VB-M600D is a versatile fixed network dome camera suited for a wide range of IP security applications.



Key Features

- ▶ Genuine Canon 101.2° Wide Angle Lens
- ▶ ONVIF version 1.02 Conformant Product
- ▶ Brilliant Low-light Performance - color video down to 0.018 Lux* and B/W down to 0.001 Lux*
- ▶ 1.3 Megapixel CMOS Sensor
- ▶ Canon's Unique Easy Set-up PTRZ Tool
- ▶ On-board Video Analytics
- ▶ H.264 and JPEG



Abandoned Object Detection - the detection area, sensitivity and duration can be finely tuned allowing for precise, real-time event detection by the camera.

- ▶ **DiGiC NET** Processor
- ▶ Smart Shade Control

Recommended For:

- ▶ Reception Areas
- ▶ Retail Stores
- ▶ Elevators
- ▶ Hotel Lobbies
- ▶ Educational Institutions
- ▶ Airports

VB-M600D

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PRODUCT NAME: VB-M600D ITEM CODE: 4959B001 UPC CODE: 13803134797

SPECIFICATIONS

CAMERA UNIT	IMAGE SENSOR	1/3" 1.3 MegaPixel CMOS Sensor	
	TOTAL NUMBER OF PIXELS	Approx. 1.3 Million Pixels	
	SCANNING METHOD	Progressive Scan	
	ZOOM	3x Optical Zoom	
	FOCAL LENGTH / F-STOP	F= 2.8 (W) – 8.4 mm (T) / F1.2 - 2.0	
	ANGLE OF VIEW	101.2° (W) / 33.7° (T)	
	ROTATION RANGE	350° (+ / - 175°)	
	PAN ANGLE RANGE	350° (+ / - 175°)	
	TILT ANGLE RANGE	150° (+ / - 75°)	
	MOVING RATE	Pan: 19.2° / Sec, Tilt: 14.2° / Sec, Rotate: 43.7° / Sec	
	DAY / NIGHT MODE	Auto / Manual	
	IR CUT FILTER	Yes	
	MINIMUM ILLUMINATION	Color	0.018*
		B/W	0.001*
	FOCUS	One-shot AF / Manual / Fixed at Infinity	
	FOCUS RANGE	Day Mode: 1 Ft. / Night Mode: 3.3 Ft.	
	AUTO EXPOSURE	Flickerless / Shutter Priority AE / Manual	
	SHUTTER SPEED	1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000 sec.	
	WHITE BALANCE	Auto / Select Light Source (Warm Fluorescent, White Fluorescent, Daylight Fluorescent, Mercury Lamp, Sodium Lamp, Halogen Lamp) / Lock (One-shot WB) / Manual	
	METERING MODE	Center-Weighted / Average / Spot	
EXPOSURE COMPENSATION	7 Levels		
SMART SHADE CONTROL	7 Levels		
CAMERA SERVER	VIDEO COMPRESSION METHOD	H.264 / JPEG	
	OUTPUT IMAGE/VIDEO SIZE	H.264: 1280 x 960, 640 x 480, 320 x 240	
		MJPEG: 1280 x 960, 640 x 480, 320 x 240, 160 x 120	
	VIDEO QUALITY	MJPEG / H.264: 5 Levels	
	FRAME RATE	H.264: 10 / 15 / 30 fps / MJPEG: 0.1 - 30 fps	
	MAXIMUM FRAME RATE	H.264: 30 fps @ 1280 x 960 / MJPEG: 30 fps @ 1280 x 960	
	SIMULTANEOUS CLIENT ACCESS	H.264: 10 clients / JPEG: 30 Clients	
	AUDIO COMPRESSION METHOD	G.711 µ-LAW (64kbps)	
	AUDIO COMMUNICATION	2-Way Full Duplex	
	AUDIO PLAYBACK	Audio files can be played on event detection	
	PROTOCOL	Pv4: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (client), DHCP (client), DNS (client), ARP, ICMP, POP3, NTP, SMTP authentication, WV-HTTP (Canon protocol), ONVIF	
		IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (client), DNS (client), ICMPv6, POP3, NTP, SMTP authentication, WV-HTTP (Canon protocol), ONVIF	
	COMMUNICATION ENCRYPTION	HTTPS, IPsec	
	CAMERA CONTROL USER TYPES	Administrator / Authorized Users / Guests	
	VIEW RESTRICTION	Available	
	PRIVACY MASK	Up to 8 locations	
	CONNECTION RESTRICTION	Username / password, IP address restriction	
	VIDEO ANALYTICS (Intelligent Function)	Motion Detection / Removed Object / Abandoned Object / Camera Tampering / Sound Detection	
		Field of Detection: Max. 15 places	
		Sound: Volume Detection	
IMAGE UPLOAD	JPEG: FTP / HTTP / SMTP		
TEMPORARY STORAGE	Removable SD / SDHC card (up to 32gb), up to 1fps		
EVENT NOTIFICATION	HTTP / SMTP (e-mail)		
INTERFACE	NETWORK	1 RJ-45 (100Base-TX, Negotiation: auto / full / half, IEEE 802.3af)	
	AUDIO TERMINALS	Input: 1 Mini-Jack Connector (Mono), LINE IN / MIC IN	
	(REQUIRES AUDIO INTERFACE CABLE)	Output: 1 Mini-Jack Connector (Mono), LINE OUT	
	EXTERNAL DEVICE I / O TERMINAL	Input x 2 / Output x 2	
OPERATING TEMPERATURE	TEMPERATURE / HUMIDITY	14° - 122° F / -10° - 50° C / 5 - 85%RH (No Condensing)	
POWER SUPPLY	POWER OVER ETHERNET	via LAN Connector (IEEE802.3af compliant)	
	OPTIONAL AC ADAPTER	AC 100V-240V (PA-V17)	
	OPTIONAL EXTERNAL POWER	AC 24V / DC 12V	
POWER CONSUMPTION	WITH POWER OVER ETHERNET	DC Input (DC12V) 9 Watts	
	WITH OPTIONAL AC ADAPTER	AC Input (AC24V) 8.3 Watts	
ENCLOSURE	DIMENSIONS	7.32" x 5.51"	
	WEIGHT	2.65 lbs. (1200g)	
SOFTWARE	BUNDLED SOFTWARE	VB Initial Setting Tool, RM-Lite	

OPTIONAL ACCESSORIES

ITEM CODE NO.	DESCRIPTION
2245B001	PA-V17 AC Adapter
5004B001	PS600-VB Junction Box Mounting Kit
5091B001	SR600-VB Recess Mounting Kit

OPTIONAL SOFTWARE

ITEM CODE NO.	DESCRIPTION
4973B001	RM-Lite-V Additional Installation License

Easy Set-up PTRZ Tool

Motorized Pan/ Tilt/ Rotate/ Zoom for adjusting camera viewing position after installation



Gone is the need to struggle with focus or lens positioning in difficult installation environments. The VB-M600D features Canon's Easy Set-up PTRZ Tool which is a built-in motor that allows the change of its Pan/ Tilt/Rotation angles, as well as Zoom and Focus after the camera is installed. Just plug the camera in and access the camera remotely to position the camera lens and focus.

ONVIF Conformant Product

The VB-M600D is compatible with the ONVIF (Open Network Video Interface Forum) version 1.02 protocol, a standard communication protocol. ONVIF support makes it easy to integrate the VB-M600D with other ONVIF compliant third-party products. The VB-M600D is also backwards compliant with earlier versions of the ONVIF Protocol.



*Ratings based on F1.2, 1/8 second and Smart Shade Control on.

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