

Canon Utilities

- EOS Utility 1.0

Compatible Models

- EOS-1D Mark II N
- EOS-1Ds Mark II
- EOS-1D Mark II
- EOS-1Ds
- EOS-1D
- EOS 5D
- EOS 30D
- EOS 20D
- EOS 10D
- EOS DIGITAL REBEL XT/350D DIGITAL
- EOS DIGITAL REBEL/300D DIGITAL
- EOS D60
- EOS D30

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Introduction

This chapter includes information on the precautions to be read before using EOS Utility, how to use this Instruction Manual, the system requirements and the supported image types. It also explains the software features and configuration.

About This Manual

Thank you for purchasing this Canon product.

Precautions for using this product safely and icons to help you with procedures, etc. are described at the beginning of this Instruction Manual. Please be sure to read these first before proceeding to the information in the other chapters.

- It is prohibited to reproduce, in whole or part, the contents of this Instruction Manual without permission.
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- Click on the item to display its page.

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System Requirements

OS	Windows XP (Professional/Home Edition), Windows 2000
Computer	Computer with one of the above OS preinstalled and a USB port as a standard feature or an OHCI-compliant IEEE1394 port * Upgraded machines not supported.
CPU	750MHz Pentium III or higher
RAM	Minimum 256MB
Interface	USB 1.1 to 2.0 Hi-Speed or IEEE1394
Display	Screen resolution: 1024 x 768 pixels or more Color quality: Medium (16 bit) or more

Compatible Models and Supported Images

This software supports the following cameras and images.

Supported Cameras		Supported Images
EOS-1D Mark II N	EOS 30D	RAW and JPEG images shot with the camera on the left
EOS-1Ds Mark II	EOS 20D	
EOS-1D Mark II	EOS 10D	
EOS-1Ds	EOS DIGITAL REBEL XT/350D DIGITAL	
EOS-1D	EOS DIGITAL REBEL/300D DIGITAL	
EOS 5D	EOS D60	
-	EOS D30	

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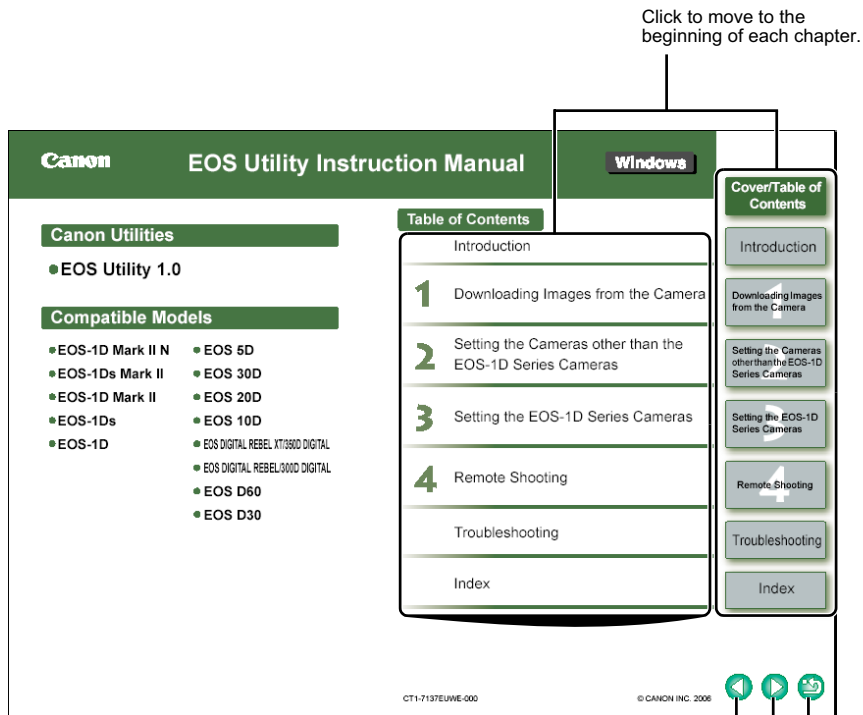
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How to Use This Instruction Manual

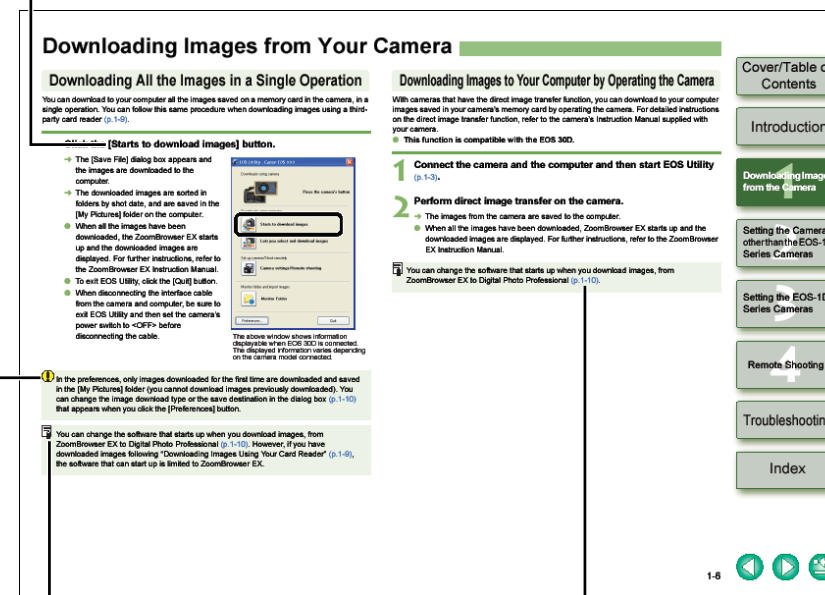


Click to move to the previous page.

Click to move to the next page.

Click to return to previously displayed page.

Square brackets [] are used to indicate items such as menu names, button names and window names that appear on the computer screen.



: Marks information that should be read before use to prevent problems that would interfere with the functioning of software and computer.

: Marks additional information that you will find helpful.

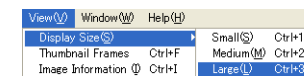
Reference page numbers are indicated in blue either in brackets () or within text. Click on the page number to move to the corresponding page.

- In this manual, Windows XP Professional/Home Edition is referred to as "Windows XP" and Windows 2000 Professional is referred to as "Windows 2000".
- For more information on the restrictions of EOS Utility, refer also to the source listed below.

Readme: Click the [Start] button ► select [All Programs] ([Programs] in Windows 2000) ► [Canon Utilities] ► [EOS Utility] ► [EOS Utility Readme].

- The camera name is shown in the screens as "EOS XXX".
- Descriptions of camera operations assume that the reader is familiar with the information in the camera's Instruction Manual.
- In this manual, the screens used in the examples are from Windows XP.
- Text inside < > in this document indicates the keys on the keyboard and camera button names.
- ► in this document indicates the sequence of operation as shown on the right.

Example: [View] menu ► [Display Size] ► [Large]



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Software Main Features and Configuration

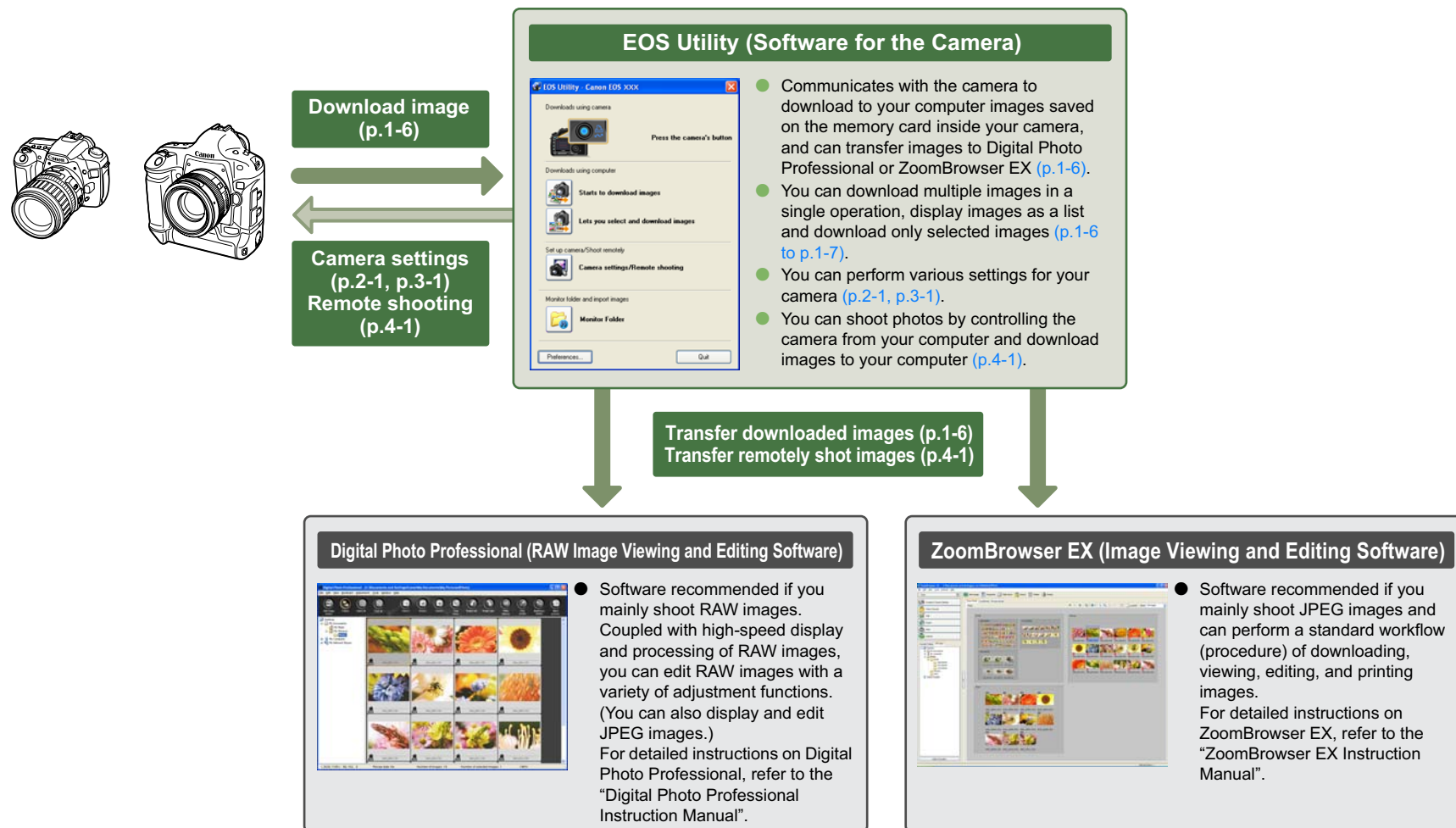
Canon Digital Camera software having the following features and functions is stored on the EOS DIGITAL Solution Disk. Operation is done as shown on this page together with each software application, centered around EOS Utility.

→ : Shows the shot image flow.

→ : Shows the camera control information from the software.

→ : Shows software windows and descriptions of operation explained in this manual.

→ : Shows the Digital Photo Professional and ZoomBrowser EX windows and description of each operation.



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1 Downloading Images from the Camera

This chapter explains preparations necessary to download images from your camera to your computer, and downloading methods. It also explains how to download images using a third-party card reader.

● Click on the item to display its page.

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Prepare to Download Images

Setting a Camera with [Communication] Settings

For a camera with [Communication] included as a menu function, you can communicate with EOS Utility to download images to your computer by selecting a [Communication] setting.

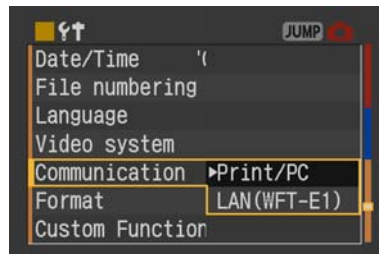
- The setting on this page is necessary for the EOS 5D, EOS 30D, EOS 20D, EOS 10D, EOS DIGITAL REBEL XT/350D DIGITAL and EOS DIGITAL REBEL/300D DIGITAL.
- For cameras other than the above, it is not necessary to perform settings for the camera. Continue with the procedure in “Connect the Camera and the Computer and then Start EOS Utility” (p.1-3).

1 Check that the camera is not connected to the computer and then set the camera’s power switch to <ON>.

2 Set the camera’s [Communication].

- With the EOS 30D, set [⇧⇧ Communication] in menu to [Print/PC].
- Set the [Communication] for other cameras in the same procedure as the EOS 30D, using the following for a reference.

Operation window in the EOS 30D



[Communication] settings for different cameras

Camera model	Menu	Setting
● EOS 5D	[⇧⇧ Communication]	[PC connect.]
● EOS 30D	[⇧⇧ Communication]	[Print/PC]
● EOS 20D	[⇧⇧ Communication]	[Normal]
● EOS 10D	[Communication]	[Normal]
● EOS DIGITAL REBEL XT/350D DIGITAL	[⇧⇧2 Communication]	[PC connection]
● EOS DIGITAL REBEL/300D DIGITAL	[⇧⇧2 Communication]	[Normal]

3 Press the <MENU> button to switch the LCD monitor display off and then set the camera’s power switch to <OFF>.

- ! When setting the [Communication], always ensure that the camera is not connected to the computer beforehand. Setting the [Communication] while the camera is connected to the computer will cause camera and software malfunctions.
- When using the EOS 5D or EOS DIGITAL REBEL XT/350D DIGITAL, the remote shooting function and camera setting function in EOS Utility cannot be used if the camera’s [Communication] is set to [Print/PTP].
- When using the EOS 30D, the camera and EOS Utility cannot communicate if the camera’s [Communication] is set to [LAN (WFT-E1)].
- When using the EOS 20D, EOS 10D or EOS DIGITAL REBEL/300D DIGITAL, the camera and EOS Utility cannot communicate if the camera’s [Communication] is set to [PTP].
- With the EOS 10D, you must change the firmware to version 2.0.0 or later. For details on changing, refer to the Canon’s web site.

About the PTP Setting

When using Windows XP, you can also download JPEG images that use the PTP (Picture Transfer Protocol) function (p.1-8).

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Connect the Camera and the Computer and then Start EOS Utility

Connecting a Camera other than an EOS-1D Series Camera to Your Computer

Connection procedure for the EOS 5D, EOS 30D, EOS 20D, EOS 10D, EOS DIGITAL REBEL XT/350D DIGITAL, EOS DIGITAL REBEL/300D DIGITAL, EOS D60 and EOS D30

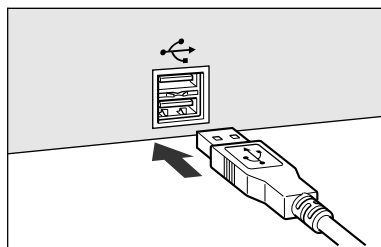
Before downloading images to your computer or specifying the camera settings, you must connect the camera to your computer with the interface cable supplied with the camera.

You can connect the camera while your computer is running.

- For instructions on connecting EOS-1D series cameras and your computer, refer to the [next page](#).

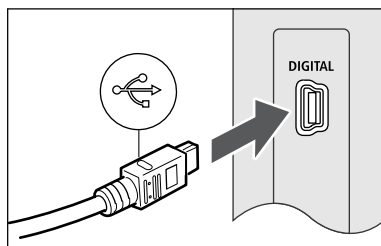
1 Plug the dedicated cable into the computer.

- Plug the cable into the USB port.
- Refer to the computer User's Manual for information on the terminal areas.

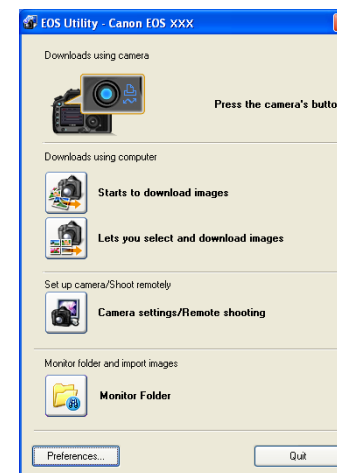
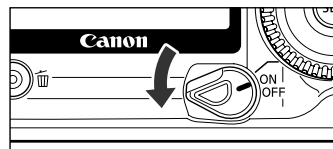


2 Plug the dedicated cable into your camera.

- Face the <USB symbol> mark on the plug to the front of the camera and connect the plug to the camera's <DIGITAL> terminal.



3 Set the camera's power switch to <ON>.

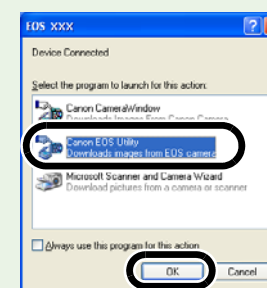


→ [EOS Utility] starts up and main window is displayed, the camera is ready to communicate with your computer.

Proceed to "Downloading Images from Your Camera" (p.1-6) continuously.

- When the camera selection window appears, select the connected camera and then [EOS Utility] will start up.
- The above window shows information displayable when EOS 30D is connected. The displayed information varies depending on the camera model connected.

- ! ● If the dialog box on the right appears, select [Canon EOS Utility Downloads images from EOS camera] and then click the [OK] button to start [EOS Utility].
- If [EOS Utility] does not start, double-click the [EOS Utility] icon on the desktop or click the [Start] button ▶ select [All Programs] ([Programs] in Windows 2000) ▶ [Canon Utilities] ▶ [EOS Utility] ▶ [EOS Utility].



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Connecting an EOS-1D Series Camera to Your Computer

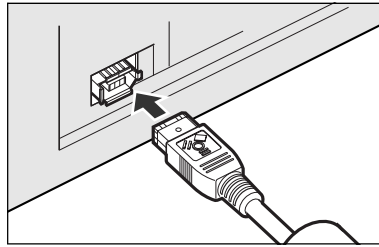
Connection procedure for the EOS-1D Mark II N, EOS-1Ds Mark II, EOS-1D Mark II, EOS-1Ds and EOS-1D

Before downloading images to your computer or specifying the camera settings, you must connect the camera to your computer with the dedicated IEEE1394 interface cable supplied with the camera. You can connect the camera while your computer is running.

- For instructions on connecting cameras other than the EOS-1D series cameras and your computer, refer to the [previous page](#).

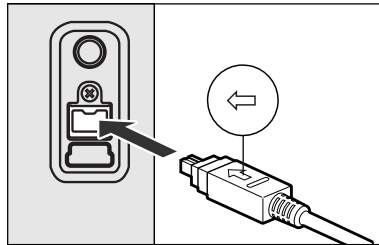
1 Plug the dedicated cable into the computer.

- Plug the cable into the IEEE1394 port.
- Refer to the computer User's Manual for information on the terminal areas.

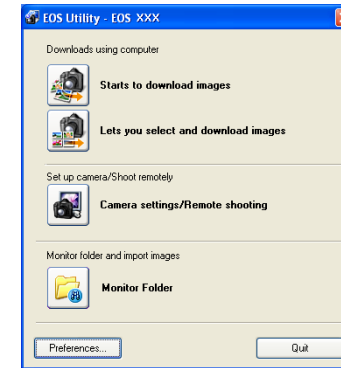
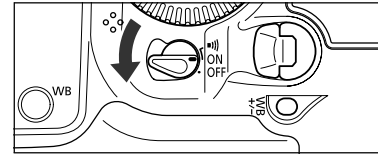


2 Plug the dedicated cable into your camera.

- For cameras supplied with the cable protector, attach the cable protector to the camera, and then follow the procedure below to connect the dedicated cable.
- Make sure the < ⇄ > mark on the plug is facing the top of the camera and then connect the plug to the camera's < DIGITAL > terminal.



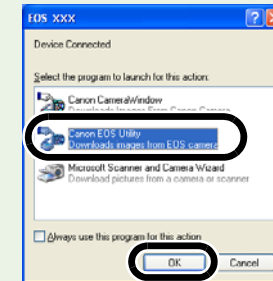
3 Set the camera's power switch to <ON>.



→ [EOS Utility] starts up and main window is displayed, the camera is ready to communicate with your computer. Proceed to "Downloading Images from Your Camera" (p.1-6) continuously.

- When the camera selection window appears, select the connected camera and then [EOS Utility] will start up.
- The above window shows information displayable when EOS-1D Mark II N is connected. The displayed information varies depending on the camera model connected.

- ! ● If the dialog box on the right appears, select [Canon EOS Utility Downloads images from EOS camera] and then click the [OK] button to start [EOS Utility].
- If [EOS Utility] does not start, double-click the [EOS Utility] icon on the desktop or click the [Start] button ▶ select [All Programs] ([Programs] in Windows 2000) ▶ [Canon Utilities] ▶ [EOS Utility] ▶ [EOS Utility].



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Precautions When Connecting the Camera and Computer

- ⚠ You cannot communicate with the camera when you are displaying images through the camera's LCD monitor. Always connect the camera and your computer after turning off the display in the LCD monitor.
- While the camera and your computer are communicating, the camera's LCD panel may blink.
- Use only the dedicated cable.
- With EOS-1D series cameras, if you connect the plug of the dedicated cable into the computer's IEEE1394 port in the reverse direction, the camera or the computer may break down. Confirm that the shape of the plug and the shape of the IEEE1394 port match before connecting.
- With EOS-1D series cameras, you cannot communicate with EOS Utility even if you connect the USB interface cable supplied with the camera.
- Push the plug firmly all the way into the socket. Loose connections can cause faults or malfunctions.
- Do not connect the camera to your computer via a hub. If you do so, the camera may not operate correctly.
- If you connect multiple USB or IEEE1394 devices (excluding mouse and keyboard) to your computer, the camera may not operate correctly. Disconnect from your computer any USB devices and IEEE1394 connection devices other than the camera.
- Operation of the Auto power off function will automatically switch the camera off, disabling to communicate with your computer. Set the Auto power off function to [OFF] in advance. For more details, refer to the camera's Instruction Manual supplied with the camera.
- Do not connect more than one camera to the same computer. The connections may not operate correctly.
- The camera cannot communicate correctly with multiple softwares. Use one software to communicate with the camera.
- When unplugging the dedicated cable, be sure to grip the sides of the plug as you pull it out.
 - * If you are using the EOS D60 or EOS D30, pull the plug while pressing the <PUSH> button on it.
- If you do not perform any operation while the camera and computer are connected, a confirmation message may appear on the computer screen asking whether you wish to continue communicating with the camera for some computer systems. If you do not perform any operation even after this message appears, the communication with the camera is terminated. To re-establish the communication, press the shutter button down halfway or set the camera's power switch to <OFF> and then back to <ON>.
- Do not put your computer to sleep while it is connected to the camera. If your computer goes into the sleep mode, never disconnect the dedicated cable while your computer is still in the sleep mode. Always wake your computer up while it is connected to the camera. On some types of computer, disconnecting the dedicated cable while your computer is in sleep mode could prevent the computer from waking up correctly. Refer to the computer User's Manual for more information on sleep mode.



- When you connect the camera and your computer, it is recommended that you use the AC Adapter Kit (optional) for the EOS 5D, EOS 30D, EOS 20D, EOS 10D, EOS DIGITAL REBEL XT/350D DIGITAL, EOS DIGITAL REBEL/300D DIGITAL, the DC Coupler supplied with the camera for the EOS D60 and EOS D30, and the DC Coupler Kit supplied with the camera for EOS-1D series cameras.
- When connecting the EOS-1D series camera and a computer with a 4-pin type IEEE1394 port, use the EOS-1D series dedicated Canon interface cable (optional) 4-pin/4-pin type for the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II, and a 4-pin/6-pin type for the EOS-1Ds and EOS-1D.
- When using the dedicated cable supplied with the EOS-1Ds or EOS-1D, either plug (6-pin type) can be connected to the computer or your camera.
- When connecting the dedicated cable to the EOS D60 or EOS D30, insert it with the <▶> mark on the plug matched with the <▶> mark on the DIGITAL terminal.

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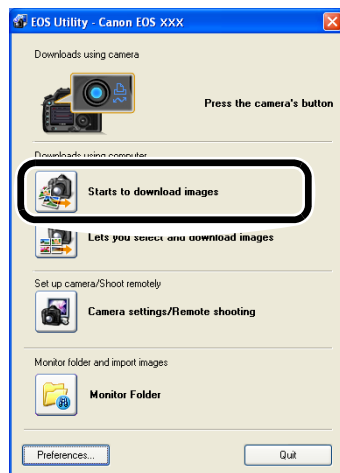
Downloading Images from Your Camera

Downloading All the Images in a Single Operation

You can download to your computer all the images saved on a memory card in the camera, in a single operation. You can follow this same procedure when downloading images using a third-party card reader ([p.1-9](#)).

Click the [Starts to download images] button.

- The [Save File] dialog box appears and the images are downloaded to the computer.
- The downloaded images are sorted in folders by shot date, and are saved in the [My Pictures] folder on the computer.
- When all the images have been downloaded, the ZoomBrowser EX starts up and the downloaded images are displayed. For further instructions, refer to the ZoomBrowser EX Instruction Manual.
- To exit EOS Utility, click the [Quit] button.
- When disconnecting the interface cable from the camera and computer, be sure to exit EOS Utility and then set the camera's power switch to <OFF> before disconnecting the cable.



The above window shows information displayable when EOS 30D is connected. The displayed information varies depending on the camera model connected.

! In the preferences, only images downloaded for the first time are downloaded and saved in the [My Pictures] folder (you cannot download images previously downloaded). You can change the image download type or the save destination in the dialog box ([p.1-10](#)) that appears when you click the [Preferences] button.

i You can change the software that starts up when you download images, from ZoomBrowser EX to Digital Photo Professional ([p.1-10](#)). However, if you have downloaded images following "Downloading Images Using Your Card Reader" ([p.1-9](#)), the software that can start up is limited to ZoomBrowser EX.

Downloading Images to Your Computer by Operating the Camera

With cameras that have the direct image transfer function, you can download to your computer images saved in your camera's memory card by operating the camera. For detailed instructions on the direct image transfer function, refer to the camera's Instruction Manual supplied with your camera.

- This function is compatible with the EOS 30D.

1 Connect the camera and the computer and then start EOS Utility ([p.1-3](#)).

2 Perform direct image transfer on the camera.

- The images from the camera are saved to the computer.
- When all the images have been downloaded, ZoomBrowser EX starts up and the downloaded images are displayed. For further instructions, refer to the ZoomBrowser EX Instruction Manual.

i You can change the software that starts up when you download images, from ZoomBrowser EX to Digital Photo Professional ([p.1-10](#)).

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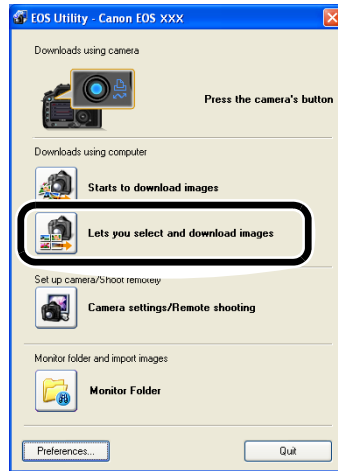


Downloading Selected Images

You can display the images saved on a memory card in the camera, select the images you want and download them to your computer. You can follow this same procedure when downloading images using a third-party card reader (p.1-9).

1 Click the [Lets you select and download images] button.

→ The image download window appears and the images on the memory card are displayed.



The above window shows information displayable when EOS 30D is connected. The displayed information varies depending on the camera model connected.

2 Select the images to download.

- Click the target image.
- To select multiple images, hold down the <Ctrl> key and click the images.
- To select sequential images, click the first image and then hold down the <Shift> key and click the last image.

You can select the folder of the image displayed in the window.

You can select images by condition.

Downloads the images to computer.

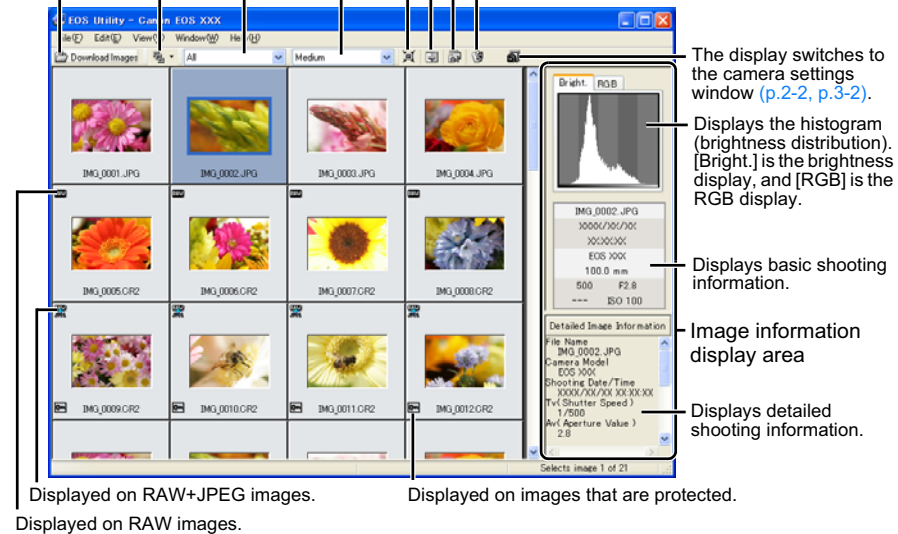
You can select the size of the displayed image.

You can show/hide the image frame.

You can show/hide the image information display area.

Starts the ZoomBrowser EX.

Deletes the image.



Displayed on RAW+JPEG images.

Displayed on images that are protected.

Displayed on RAW images.

3 Click the [Download Images] button.

→ The [Download image] dialog box appears.

4 Specify the save destination and then click the [OK] button.

→ The [Save File] dialog box appears and the images are saved in the specified folder.

- When all the images have been downloaded, the ZoomBrowser EX starts up and the downloaded images are displayed. For further instructions, refer to the ZoomBrowser EX Instruction Manual.
- When switching to the main window, select the [Window] menu ► [Main Window].
- To exit EOS Utility, click the [File] menu ► [Exit].
- When disconnecting the interface cable from the camera and computer, be sure to exit EOS Utility and then set the camera's power switch to <OFF> before disconnecting the cable.

- [📁] is displayed on images previously downloaded to your computer.
- [📷] is displayed on images shot with AEB.
- With the EOS-1D series cameras, a [🔊] is displayed on images with sound recorded.
- You can change the software that starts up when you download images, from ZoomBrowser EX to Digital Photo Professional (p.1-10). However, if you have downloaded images following "Downloading Images Using Your Card Reader" (p.1-9), the software that can start up is limited to ZoomBrowser EX.

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Downloading JPEG Images Using the PTP Function

Downloading for Cameras other than the EOS-1D Series Cameras

Downloading method for the EOS 5D, EOS 30D, EOS 20D, EOS 10D, EOS DIGITAL REBEL XT/350D DIGITAL and EOS DIGITAL REBEL/300D DIGITAL

When using Windows XP, you can use the PTP (Picture Transfer Protocol) function. When you set the camera's [Communication] and use the PTP function, you can download to your computer JPEG images saved in your camera's memory card without having to use EOS Utility.

- This function is compatible with the EOS 5D, EOS 30D, EOS 20D, EOS 10D, EOS DIGITAL REBEL XT/350D DIGITAL and EOS DIGITAL REBEL/300D DIGITAL.

1 Check that the camera and the computer are not connected and then set the camera's power switch to <ON>.

2 Set the camera's [Communication].

- Set the [Communication] for cameras in the same procedure as the "Setting a Camera with [Communication] Settings" (p.1-2), using the following for a reference.

[Communication] settings for different cameras

Camera model	Menu	Setting
● EOS 5D	[↑↑ Communication]	[Print/PTP]
● EOS 30D	[↑↑ Communication]	[Print/PC]
● EOS 20D	[↑↑ Communication]	[PTP]
● EOS 10D	[Communication]	[PTP]
● EOS DIGITAL REBEL XT/350D DIGITAL	[↑↑2 Communication]	[Print/PTP]
● EOS DIGITAL REBEL/300D DIGITAL	[↑↑2 Communication]	[PTP]

3 Press the <MENU> button to switch the LCD monitor display off and then set the camera's power switch to <OFF>.

4 Connect the camera to the computer and set the camera's power switch to <ON> (p.1-3).

- The window for selecting the software to use for downloading the images is displayed.

5 Select [Microsoft Scanner and Camera Wizard] and click the [OK] button.

- The [Scanner and Camera Wizard] dialog box appears.

6 Download images as directed in the [Scanner and Camera Wizard] dialog box.

- ! With the PTP function, you cannot download RAW images.
- With the EOS 10D, you must change the firmware to version 2.0.0 or later. For details on changing, refer to the Canon's web site.

Downloading with EOS-1D Series Cameras

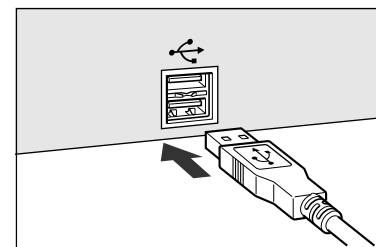
Downloading method for the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II

When using Windows XP, you can use the PTP (Picture Transfer Protocol) function by connecting the supplied USB interface cable to the camera's direct print terminal. By using the PTP function, you can download to your computer JPEG images saved in your camera's memory card without having to use EOS Utility.

- This function is compatible with the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II.

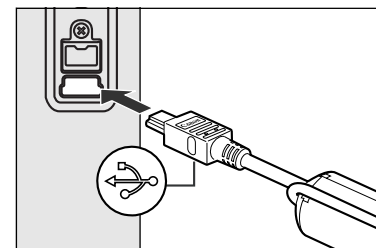
1 Plug the dedicated cable into the computer.

- Plug the cable into the USB port.
- Refer to the computer User's Manual for information on the terminal areas.



2 Plug the dedicated cable into your camera.

- Face the plug's <←→> mark towards the bottom of the camera and then connect the plug to the camera's direct print terminal.



3 Set the camera's power switch to <ON>.

- The window for selecting the software to use for downloading the images is displayed.

4 Select [Microsoft Scanner and Camera Wizard] and click the [OK] button.

- The [Scanner and Camera Wizard] dialog box appears.

5 Download images as directed in the [Scanner and Camera Wizard] dialog box.

- ! If you want to use the PTP function, connect with the USB interface cable supplied with the camera.
- With the PTP function, you cannot download RAW images.

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Precautions for the PTP Function

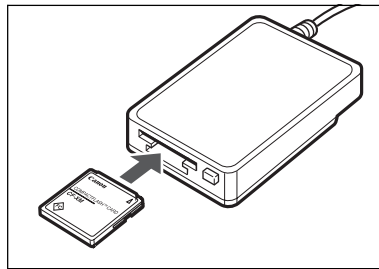
- !** Due to Windows XP specifications, you may experience the following restrictions with the PTP function. We recommend downloading shot images using EOS Utility (p.1-6).
- RAW images cannot be downloaded. (Even if RAW images are displayed, they cannot be downloaded.)
 - When a memory card in the camera contains both RAW images and JPEG images, you may not be able to download the JPEG images.
 - Shooting information for downloaded images may be altered or deleted.
 - Images cannot be downloaded if there is a large quantity of images in the camera (approximately 1,000 images).
 - It may take several minutes after connecting the camera and your computer until the PTP function is operational.
 - Vertically shot images become horizontal when downloaded, or an image does not rotate even if you use the Rotate command.
- In addition to the above restrictions, you may not be able to download images correctly depending on your OS version and computer environment.

Downloading Images Using Your Card Reader

You can also download images to the computer using a third-party card reader.

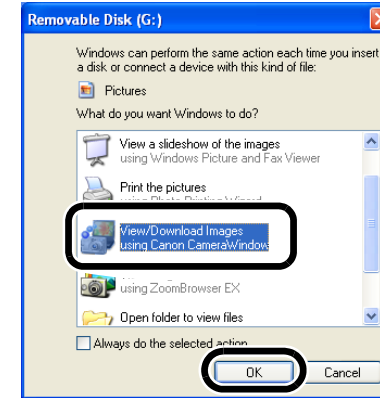
1 Load the card into the card reader.

- The dialog box in step 2 appears.
- If the dialog box in step 2 does not appear, click the [Start] button ► select [All Programs] ([Programs] in Windows 2000) ► [Canon Utilities] ► [CameraWindow] ► [CameraWindowMC] ► [CameraWindow].



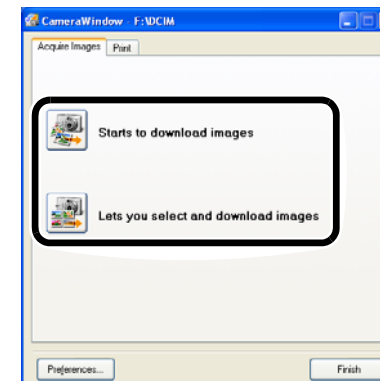
2 Select [View/Download Images using Canon CameraWindow] and then click the [OK] button.


- CameraWindow MC (Image downloading software for card readers) starts up.



3 Click the [Starts to download images] button or [Lets you select and download images] button.

- To continue, you can download images using the same procedure as in "Downloading All the Images in a Single Operation" (p.1-6) and "Downloading Selected Images" (p.1-7).



- !** Depending on the card reader you are using, you may not be able to download images.
 - When downloading images using your card reader, the software that can start up is limited to ZoomBrowser EX.
-  ● For information on connecting the card reader to your computer, refer to the card reader User's Manual.
- When downloading images to your computer using a third-party card reader without using Canon software such as EOS Utility or CameraWindow, refer to "Folder Structure and File Names" (p.5-4) and copy to your computer the folder with the shot images.

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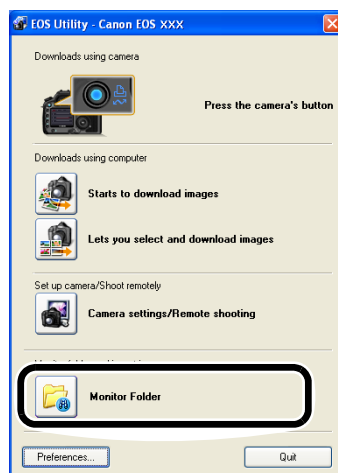


Transferring the Images in a Specified Folder

By inserting images in a transfer origin folder, the images can be transferred to the transfer destination folder and displayed in Digital Photo Professional or ZoomBrowser EX. In addition, when using the EOS dedicated Wireless Transmitter WFT-E1/E1A (optional), by specifying the folder where the shot images will be saved, you can check the shot images in Digital Photo Professional or ZoomBrowser EX in real time.

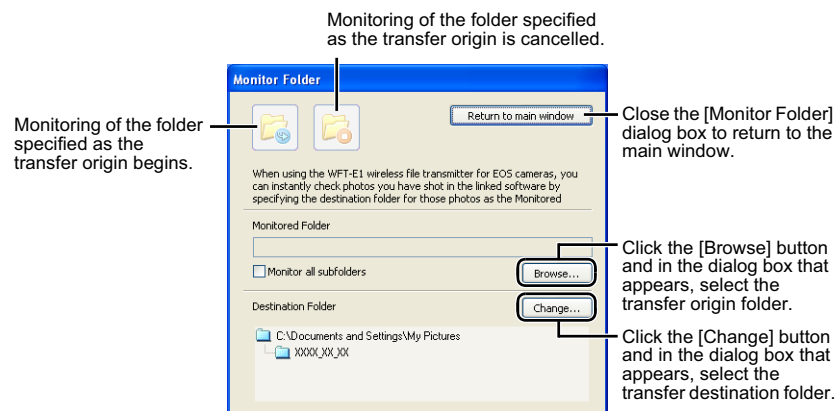
1 Click the [Monitor Folder] button.

→ The [Monitor Folder] dialog box appears.



The above window shows information displayable when EOS 30D is connected. The displayed information varies depending on the camera model connected.

2 Set the transfer origin folder and the transfer destination folder.



3 Click the [] button.

→ Image transfer preparation is complete.

4 Insert images in the transfer origin folder.

→ Images are transferred to the transfer destination folder, and ZoomBrowser EX starts up.

! You cannot make the transfer origin folder and the transfer destination folder the same folder.

📄 You can change the software that starts up when images are transferred, from ZoomBrowser EX to Digital Photo Professional, in the [Preferences] as described next.

Specifying Preferences

You can perform various EOS Utility settings.

1 Click the [Preferences] button in the main window (p.1-6).

→ The [Preferences] dialog box appears.

2 Specify desired settings and click the [OK] button.

→ The settings are applied to the EOS Utility.

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2 Setting the Cameras other than the EOS-1D Series Cameras

This chapter explains the functions that can be set in the EOS 5D, EOS 30D, EOS 20D, EOS 10D, EOS DIGITAL REBEL XT/350D DIGITAL, EOS DIGITAL REBEL/300D DIGITAL, EOS D60 and EOS D30.

For instructions on connecting your camera and computer, and for how to start EOS Utility, refer to Chapter 1 (p.1-3).

● Click on the item to display its page.

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White Balance Adjustment.....	2-5

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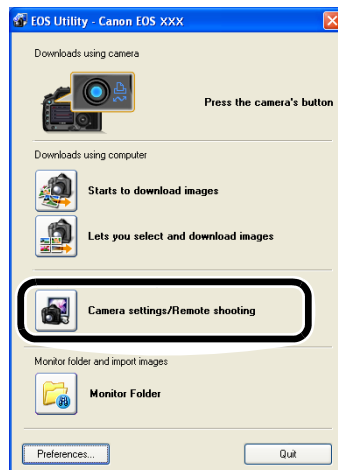


Basic Settings

You can perform settings on the camera, such as setting the camera owner's name and setting the date and time.

1 Click the [Camera settings/Remote shooting] button.

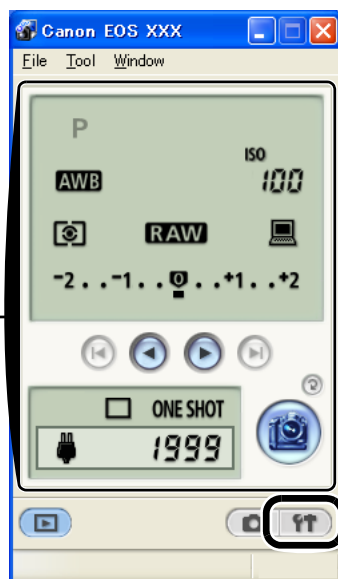
→ The camera settings window appears.



The above window shows information displayable when EOS 30D is connected. The displayed information varies depending on the camera model connected.

2 Click [⏏].

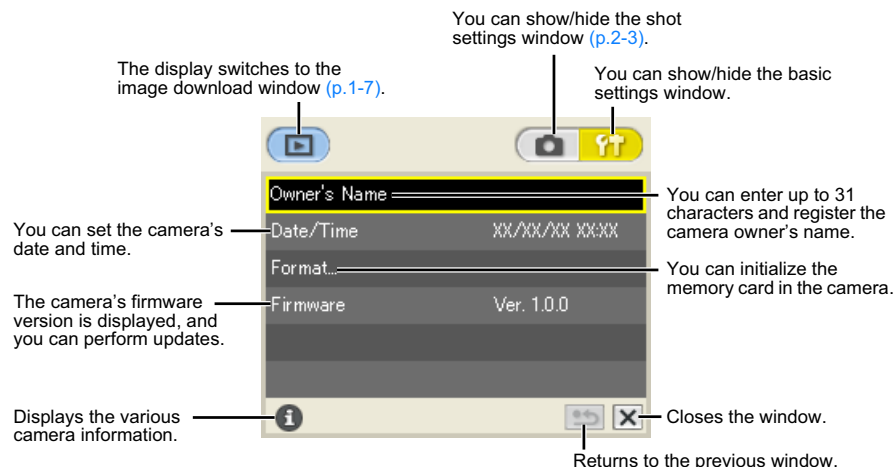
→ The basic settings window appears.
 ● Click again to close the basic settings window.



You can shoot photos remotely. For remote shooting, refer to [Chapter 4](#).

3 Select the item to be set and specify the settings.

→ The settings are applied to the camera.



- When switching to the main window, select the [Window] menu ► [Main Window].
- If you select the [File] menu ► [Exit], EOS Utility exits, including the camera settings window.
- The above window shows information displayable when the EOS 30D is connected. The displayed information varies depending on the camera model connected.

! Initializing a memory card deletes all the data and the data cannot be recovered. Check carefully before initializing.

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Shot Settings

You can apply various shot settings to the camera.

1 Click the [Camera settings/Remote shooting] button.

→ The camera settings window appears.

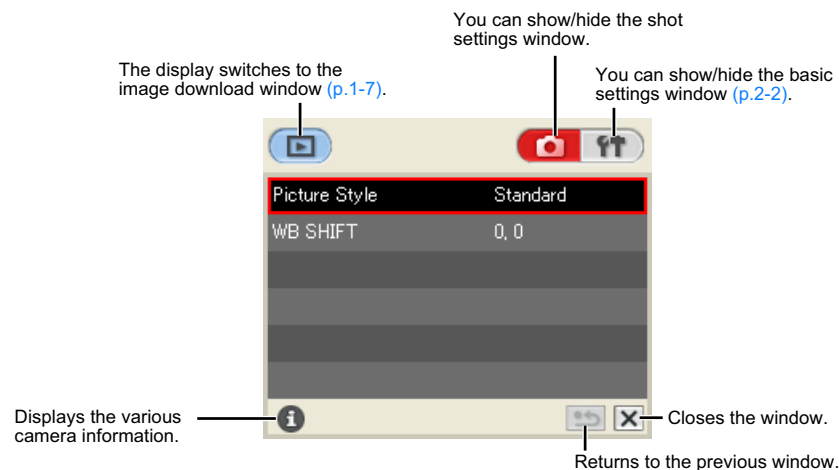
2 Click [].

→ The shot settings window appears.

● Click again to close the shot settings window.

3 Select the item to be set and specify the settings (p.2-3 to p.2-5).

→ The settings are applied to the camera.



- When switching to the main window, select the [Window] menu ► [Main Window].
- If you select the [File] menu ► [Exit], EOS Utility exits, including the camera settings window.
- The above window shows information displayable when the EOS 30D is connected. The displayed information varies depending on the camera model connected.

Picture Style

You can select a Picture Style and set it to the camera, or register a Picture Style file, downloaded from Canon's web site and saved on your computer, as a user setting in the camera.

- This function is compatible with the EOS 5D and EOS 30D.

Selecting a Picture Style

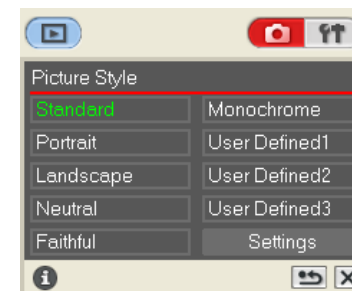
1 Click [Picture Style].

→ The [Picture Style] window appears.



2 Click the Picture Style to be set in the camera.

→ The settings are applied to the camera, and the display returns to the shot settings window.



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Detailed Settings

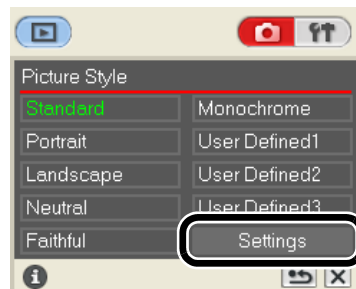
1 Click [Picture Style].

→ The [Picture Style] window appears.

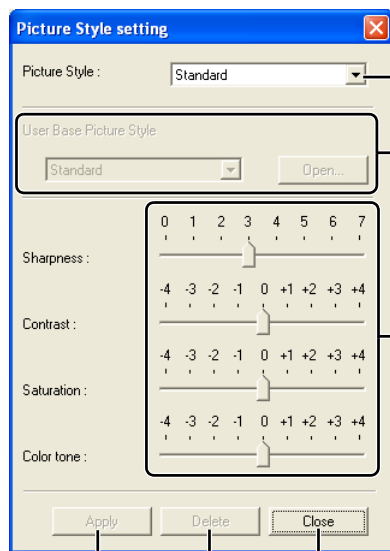


2 Click [Settings].

→ The [Picture Style setting] dialog box appears.



3 Specify desired settings.



Select the Picture Style to be set.

If you have selected [User Defined1] to [User Defined3] in the [Picture Style] list box, you can click the [Open] button and load a Picture Style file saved on your computer. You can also select from the list box the Picture Style that will become the base style.

Drag the slider for each item left or right to set.

Cancels all the settings and closes the dialog box.

Deletes the selected Picture Style from the camera.

Applies the settings to the camera.

- You can register up to 3 user settings in your camera.
- When you select [Monochrome] in the [Picture Style] list box, the [Filter effect] and [Toning effect] list boxes appear.
- Refer to "Registering the Picture Style" in the camera's Instruction Manual for information about using the Picture Style registered in the camera.

4 Click the [Apply] button.

→ The [Confirm settings] dialog box appears.

5 Confirm the settings and click the [OK] button.

→ The settings are registered in the camera.

6 Click the [Close] button.

→ The [Picture Style setting] dialog box closes.

7 Select the specified user setting.

- Following the "Selecting a Picture Style" procedure (p.2-3), select the specified Picture Style.
- The settings are applied to the camera, and the display returns to the shot settings window.

A Picture Style file is a file that expands the Picture Style function. For detailed information on Picture Style file, refer to the Canon's web site.

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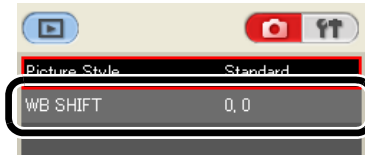
White Balance Adjustment

You can compensate the white balance and apply it to the camera.

- This function is compatible with the EOS 5D, EOS 30D, EOS 20D and EOS DIGITAL REBEL XT/350D DIGITAL.

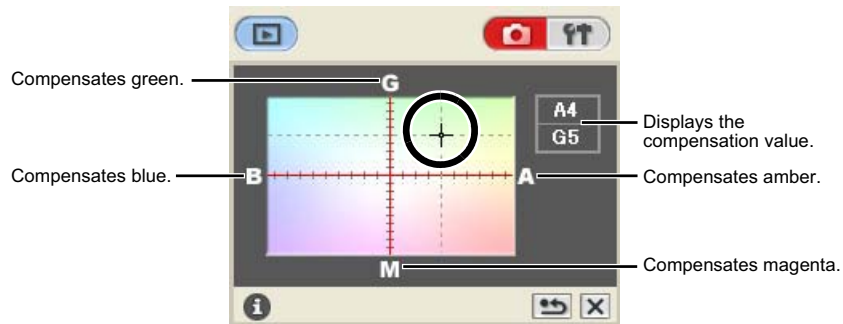
1 Click [WB SHIFT].

→ The white balance adjustment window appears.



2 Click the compensation position.

→ The settings are applied to the camera.



3 Click [↶].

→ The display returns to the shot settings window.

- To revert the corrected values to the original values, follow the procedure in step 2.

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3

Setting the EOS-1D Series Cameras

This chapter explains the functions that can be set in the EOS-1D Mark II N, EOS-1Ds Mark II, EOS-1D Mark II, EOS-1Ds and EOS-1D.

For instructions on connecting your camera and computer, and for how to start EOS Utility, refer to Chapter 1 (p.1-4).

● Click on the item to display its page.

Basic Settings	3-2
Shot Settings	3-3
Picture Style.....	3-3
Specifying the Personal White Balance.....	3-5
Specifying the JPEG Quality.....	3-6
White Balance Adjustment.....	3-6
Specifying the Parameters.....	3-7
Specifying the Color Matrix.....	3-8
Personal Function Settings	3-8
Description of Personal Functions	3-9
Checking Personal Function Settings.....	3-14
Saving and Loading Personal Function Settings	3-15

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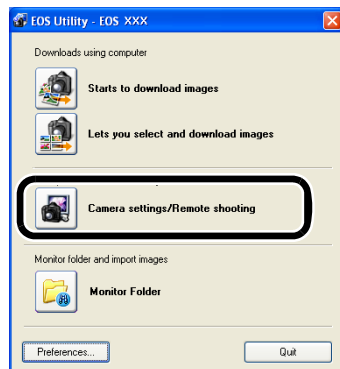


Basic Settings

You can perform settings on the camera, such as setting the camera owner's name and setting the date and time.

1 Click the [Camera settings/Remote shooting] button.

→ The camera settings window appears.

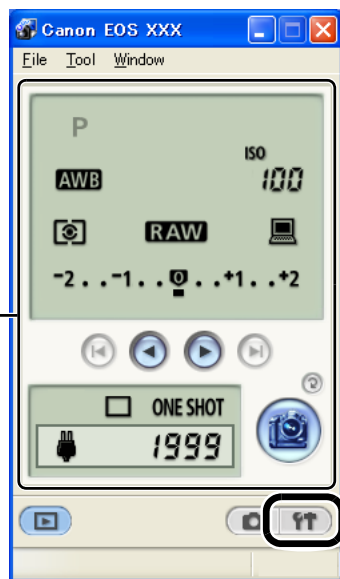


The above window shows information displayable when EOS-1D Mark II N is connected. The displayed information varies depending on the camera model connected.

2 Click [⏏].

→ The basic settings window appears.

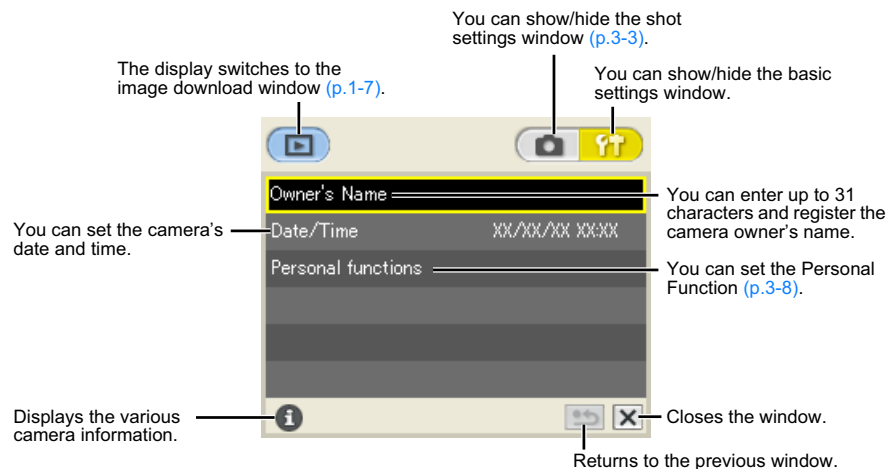
- Click again to close the basic settings window.



You can shoot photos remotely. For remote shooting, refer to [Chapter 4](#).

3 Select the item to be set and specify the settings.

→ The settings are applied to the camera.



- When switching to the main window, select the [Window] menu ► [Main Window].
- If you select the [File] menu ► [Exit], EOS Utility exits, including the camera settings window.
- The above window shows information displayable when the EOS-1D Mark II N is connected. The displayed information varies depending on the camera model connected.

! With the EOS-1Ds and EOS-1D, the [Format] item is displayed and you can initialize the memory card. Initializing a memory card deletes all the data and the data cannot be recovered. Check carefully before initializing.

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Shot Settings

You can apply various shot settings to the camera.

1 Click the [Camera settings/Remote shooting] button.

→ The camera settings window appears.

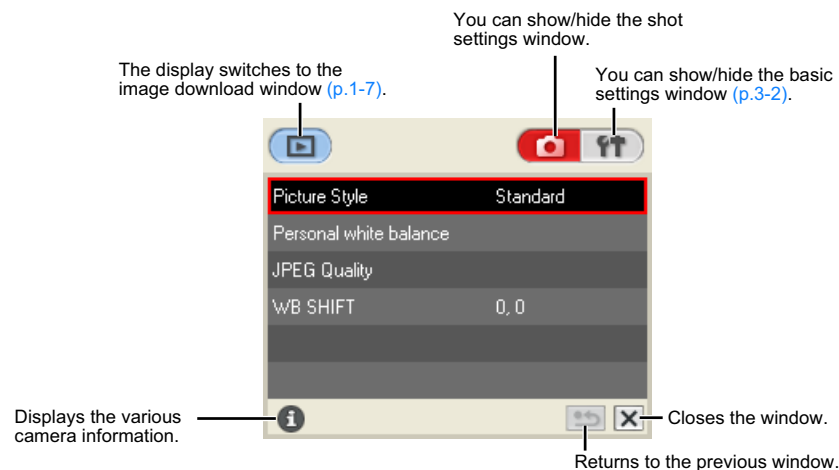
2 Click [].

→ The shot settings window appears.

● Click again to close the shot settings window.

3 Select the item to be set and specify the settings (p.3-3 to p.3-8).

→ The settings are applied to the camera.



- When switching to the main window, select the [Window] menu ► [Main Window].
- If you select the [File] menu ► [Exit], EOS Utility exits, including the camera settings window.
- The above window shows information displayable when the EOS-1D Mark II N is connected. The displayed information varies depending on the camera model connected.

Picture Style

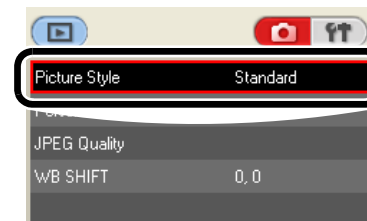
You can select a Picture Style and set it to the camera, or register a Picture Style file, downloaded from Canon's web site and saved on your computer, as a user setting in the camera.

- This function is compatible with the EOS-1D Mark II N.

Selecting a Picture Style

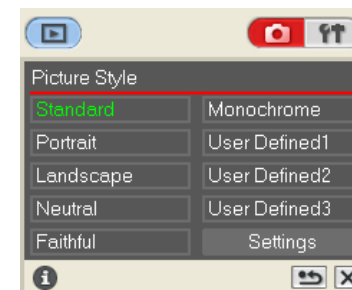
1 Click [Picture Style].

→ The [Picture Style] window appears.



2 Click the Picture Style to be set in the camera.

→ The settings are applied to the camera, and the display returns to the shot settings window.



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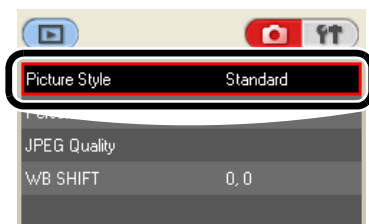
Index



Detailed Settings

1 Click [Picture Style].

→ The [Picture Style] window appears.

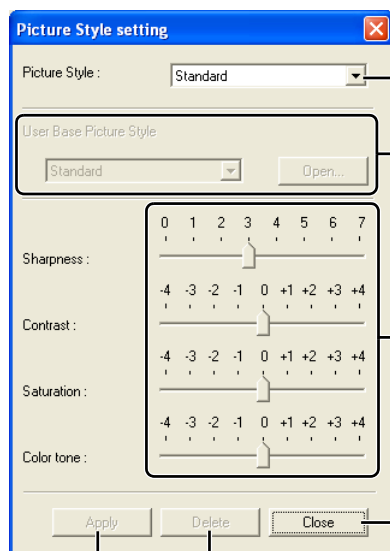


2 Click [Settings].

→ The [Picture Style setting] dialog box appears.



3 Specify desired settings.



Select the Picture Style to be set.

If you have selected [User Defined1] to [User Defined3] in the [Picture Style] list box, you can click the [Open] button and load a Picture Style file saved on your computer. You can also select from the list box the Picture Style that will become the base style.

Drag the slider for each item left or right to set.

Applies the settings to the camera.

Deletes the selected Picture Style from the camera.

- You can register up to 3 user settings in your camera.
- When you select [Monochrome] in the [Picture Style] list box, the [Filter effect] and [Toning effect] list boxes appear.
- Refer to "Registering the Picture Style" in the camera's Instruction Manual for information about using the Picture Style registered in the camera.

4 Click the [Apply] button.

→ The [Confirm settings] dialog box appears.

5 Confirm the settings and click the [OK] button.

→ The settings are registered in the camera.

6 Click the [Close] button.

→ The [Picture Style setting] dialog box closes.

7 Select the specified user setting.

- Following the "Selecting a Picture Style" procedure (p.3-3), select the specified Picture Style.
- The settings are applied to the camera, and the display returns to the shot settings window.

A Picture Style file is a file that expands the Picture Style function. For detailed information on Picture Style file, refer to the Canon's web site.

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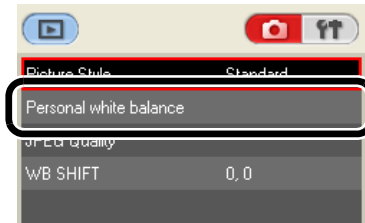
Specifying the Personal White Balance

Up to 3 white balance files saved with RAW Image Task can be registered in the camera as personal white balance.

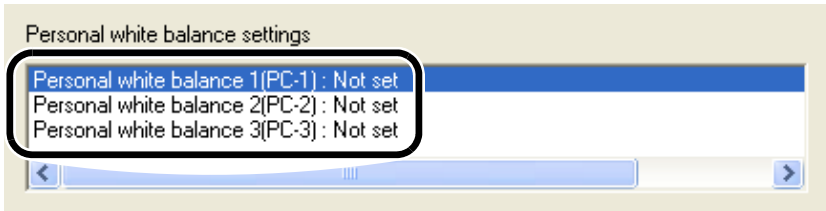
- These functions are compatible with all EOS-1D series cameras.
- For how to save a white balance file with RAW Image Task, refer to “Processing RAW Images” in the ZoomBrowser EX Instruction Manual.
- When you register a personal white balance file to the camera, < PC - 1 > to < PC - 3 > is displayed on the rear LCD display panel of the camera.
- For more information on setting the personal white balance on the camera, refer to “Selecting the White Balance” in the camera’s Instruction Manual.

1 Click [Personal white balance].

→ The [Personal white balance settings] dialog box appears.

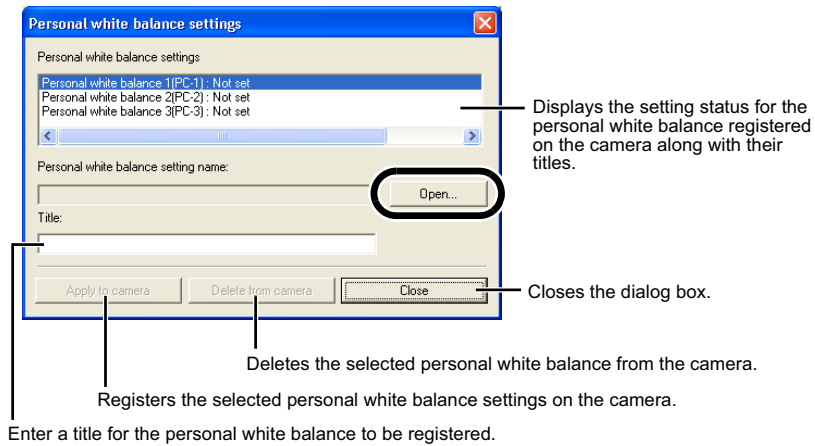


2 Select the personal white balance to be registered.



3 Click the [Open] button.

→ The [Open] dialog box appears.



4 Open the folder containing the saved white balance file, select the file, and then click the [Open] button.

→ The white balance file is loaded.

5 Enter a title in the [Title] input box.

6 Click the [Apply to camera] button.

→ The personal white balance file is registered on the camera.

- To register another setting, repeat steps 2 to 6. You can register up to 3 settings (PC-1, PC-2 and PC-3).

7 Click the [Close] button.

→ The [Personal white balance settings] dialog box closes, and the display returns to the shot settings window.

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Specifying the JPEG Quality

You can specify the JPEG quality and register the settings on the camera.

- This function is compatible with the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II.

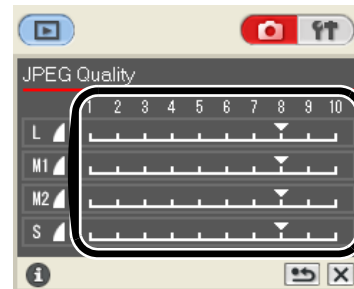
1 Click [JPEG Quality].

→ The [JPEG Quality] window appears.



2 Click the setting position.

→ The settings are applied to the camera.
● Higher values give a lower compression ratio and higher image quality for any size.



3 Click [].

→ The display returns to the shot settings window.

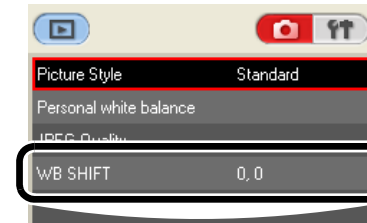
White Balance Adjustment

You can compensate the white balance and apply it to the camera.

- This function is compatible with the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II.

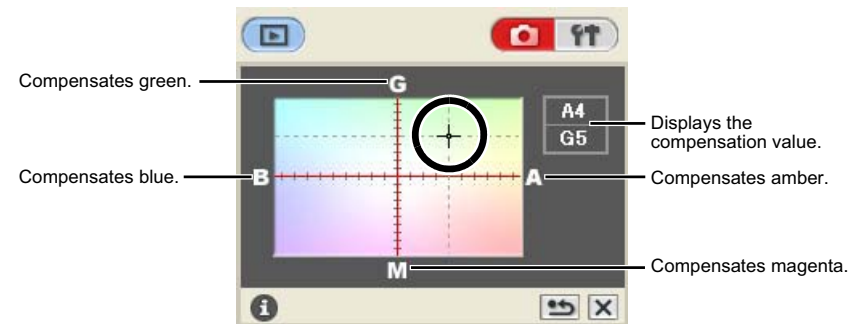
1 Click [WB SHIFT].

→ The white balance adjustment window appears.



2 Click the compensation position.

→ The settings are applied to the camera.



3 Click [].

→ The display returns to the shot settings window.
● To revert the corrected values to the original values, follow the procedure in step 2.

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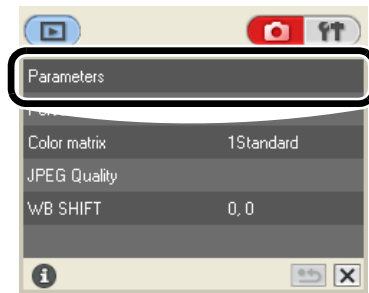
Specifying the Parameters

You can upload sharpness and contrast settings as well as a tone curve file saved with RAW Image Task and register up to 3 of these in the camera as processing parameters.

- This function is compatible with the EOS-1Ds Mark II, EOS-1D Mark II, EOS-1Ds and EOS-1D.
- For how to save a tone curve file with RAW Image Task, refer to “Processing RAW Images” in the ZoomBrowser EX Instruction Manual.
- For more information on setting the processing parameters on the camera, refer to “Setting the Processing Parameters” in the camera’s Instruction Manual.

1 Click [Parameters].

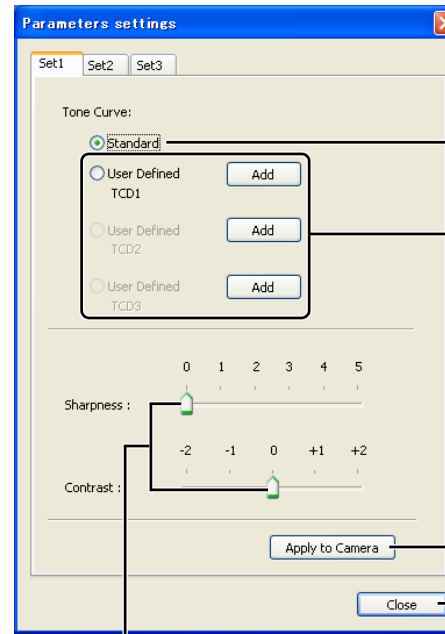
→ The [Parameters settings] dialog box appears.



2 Select a tab to be set.



3 Specify desired settings.



[Standard]:
The standard tone curve is set.

[User Defined TCD1] to [User Defined TCD3]:
You can apply the tone curve file saved in RAW Image Task. With the EOS-1Ds and EOS-1D, [User Defined] is displayed and you can select one tone curve file. Click the [Add] button and in the dialog box that appears, select the tone curve file saved on your computer.

Applies the settings to the camera.

Closes the dialog box.

Drag the slider left or right to specify the sharpness and contrast. With the EOS-1Ds and EOS-1D, [Sharpness] and [JPEG Quality] are displayed. Select the item to be set from the list box.

4 Click the [Apply to Camera] button.

→ The [Confirm settings] dialog box appears.

5 Confirm the settings and click the [OK] button.

→ The processing parameter is registered on the camera.

6 Click the [Close] button.

→ The [Parameters settings] dialog box closes, and the display returns to the shot settings window.

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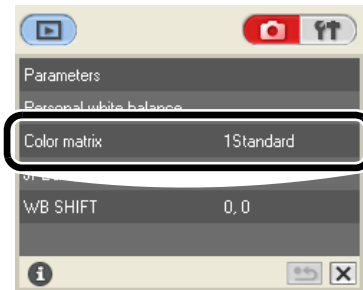
Specifying the Color Matrix

You can set the color matrix. You can also set in the camera up to 2 color matrix ([6CM set1] and [7CM set2]) that have color space, color saturation and color tone set optionally.

- This function is compatible with the EOS-1Ds Mark II and EOS-1D Mark II.
- For more information on setting the color matrix on the camera, refer to “Selecting the Color Matrix” in the camera’s Instruction Manual.

1 Click [Color matrix].

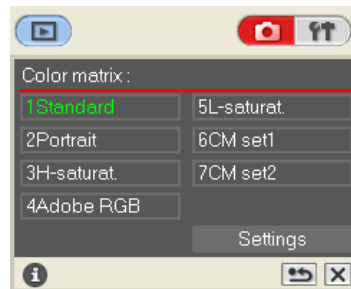
→ The [Color matrix] window appears.



2 Click the color matrix to be set in the camera.

→ The settings are applied to the camera, and the display returns to the shot settings window.

- For the color space, color saturation and color tone of [6CM set1] or [7CM set2], click the [Settings] button and set in the [Color matrix settings] dialog box that appears.



! The optional settings [Color space], [Saturation] and [Color tone] in the [Color matrix settings] dialog box can only be set when [6CM set1] or [7CM set2] is selected in the [Color matrix] list box.

Personal Function Settings

You can set detailed settings for each function and apply them to the camera. You can also save the specified settings on your computer and load the saved settings.

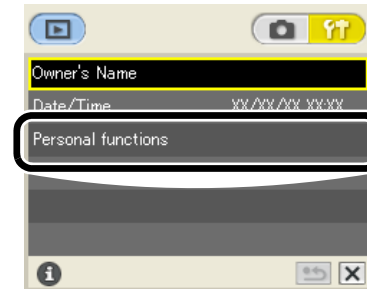
- These functions are compatible with all EOS-1D series cameras.

1 Click the [P.F.] button.

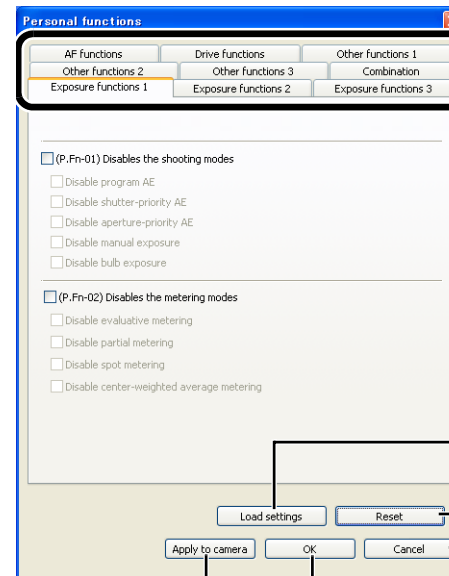
→ The basic settings window appears.

2 Click [Personal functions].

→ The [Personal functions] dialog box appears.



3 Select a tab to be set.



Loads the details of the Personal Functions that have been specified on the camera.

All data set in each window is cancelled.

Applies the settings to the camera.

Applies the settings to the camera and closes the dialog box.

Applies the settings to the camera and closes the dialog box.

→ The selected window appears.

- In the [Combination] tab sheet, you can check the specified Personal Function settings and the status of whether or not the settings are applied to the camera. You can also save and load the Personal Function settings (p.3-14, p.3-15).

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4 Checkmark the box [☑] and specify desired settings (p.3-9 to p.3-14).

(P.Fn-01) Disables the shooting modes

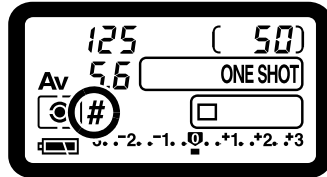
- Disable program AE
- Disable shutter-priority AE
- Disable aperture-priority AE
- Disable manual exposure
- Disable bulb exposure

- If you enter a numerical value, values outside the valid range of settings are ignored.

5 Check the settings and save them on your computer if necessary (p.3-14, p.3-15).

6 Click the [OK] button.

- The settings are applied to the camera, the [Personal functions] dialog box closes, and the display returns to the basic settings window.
- When a Personal Function is applied to the camera, <#> appears on the LCD panel.



Description of Personal Functions

- The **CFn** shown in this section provides brief descriptions of the Custom Function Settings for the respective camera functions. For more details, refer to “Custom Function Settings” in the camera’s Instruction Manual supplied with the camera.

P.Fn-01 Disables the shooting modes

- Checkmark the shooting modes you do not want to use.
- Unwanted shooting modes can be skipped while you are selecting the shooting mode.
- This makes selecting the desired shooting mode faster.
- **With the EOS-1Ds and EOS-1D, [Disable depth-of-field AE] is also displayed.**

⚠ At least one checkbox must be left unchecked.

P.Fn-02 Disables the metering modes

- Checkmark the metering modes you do not want to use.
- Unwanted metering modes can be skipped while you are selecting the metering mode.
- This makes selecting the desired metering mode faster.

⚠ At least one checkbox must be left unchecked.

P.Fn-03 Specifies the metering mode for manual exposure

- Select the metering mode to be specified.
- You can specify the metering mode to be used in the manual exposure mode.
- When you set the manual exposure mode, the metering mode selected here will be set automatically. In the manual exposure mode, this enables you to use a metering mode different from the one used in the AE modes.

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P.Fn-04 Sets the maximum and minimum shutter speeds to be used


- Select the maximum and minimum shutter speeds from the list box.
For example, if you set 1/2000 sec. as the fastest shutter speed and 1/60 sec. as the slowest, the shutter speed range will be 1/2000 to 1/60 sec.
- This makes shutter speed selection faster and prevents a slow-speed sync. in aperture-priority AE mode with the flash.

- ! ● If you set the maximum and/or minimum shutter speed to one that is not a full-stop increment (such as 1/750 sec.), the controllable and settable shutter speed range might not be as exact as you set it (A slight deviation may occur.). This applies if you also set Custom Function C.Fn-6-1 and C.Fn-6-2 and set the maximum and/or minimum shutter speed to one that is not a full-stop increment (such as 1/3200 sec.).
- To ensure that a proper flash sync speed is set in the Program AE mode, a shutter speed range of 1/200 sec. to 1/80 sec. cannot be set with the EOS-1D Mark II N, EOS-1Ds Mark II, EOS-1D Mark II and EOS-1Ds, and the range of 1/400 sec. to 1/80 sec. cannot be set with the EOS-1D.
- If safety shift has been enabled (with C.Fn-16), it will override P.Fn-04's shutter speed range.

P.Fn-05 Sets the maximum and minimum apertures to be used

- Select the maximum and minimum apertures from the list box.
For example, if you set 1.4 for the largest aperture (minimum f/number) and 8.0 for the smallest aperture (maximum f/number), the usable aperture range will be f/1.4 to f/8.0.
- You can better control the apertures used by setting the range of usable apertures.
- ! ● Specify a minimum aperture value that is smaller than the maximum aperture setting.
If you select a minimum aperture value that is larger than the maximum aperture, a warning message appears and the setting reverts to the default value.
- If you set the maximum and/or minimum aperture to one that is not a full-stop increment (such as f/4.5), the controllable and settable aperture range might not be as exact as you set it (A slight deviation may occur.). This applies if you also set Custom Function C.Fn-6-1 or C.Fn-6-2 and set the maximum and/or minimum aperture to one that is not a full-stop increment (such as f/6.3).
- If the largest aperture of the attached lens is smaller than the largest aperture you set with P.Fn-05, the largest aperture will be set to the lens' largest aperture. And if the largest aperture of the attached lens is smaller than the smallest aperture you set with P.Fn-05, the aperture will be set and fixed to the lens' largest aperture.
- If safety shift has been enabled (with C.Fn-16), it will override P.Fn-05's aperture range.

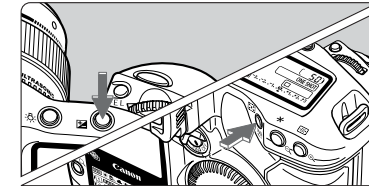
P.Fn-06 Registers and switches the shooting mode and metering mode


- Only while you press the <  > button, you can switch to the preset shooting mode, exposure setting (such as the aperture for aperture-priority AE), metering mode, and exposure compensation amount.
- Select settings that are appropriate for each shooting mode.
- The modes and settings are preset with the camera.
- Convenient when you want to instantly select the preset modes and settings to suit a particular shooting situation such as backlit or front-lit conditions.

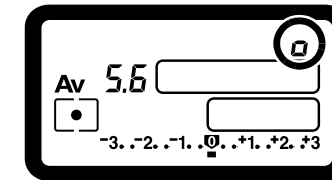
P.Fn-06 Registering the Modes and Settings with the Camera





- 1 Set the shooting mode and shooting mode settings (for example, aperture setting for aperture-priority AE mode). Then set the metering mode and exposure compensation amount.
- 2 Register the modes and settings.

- First press the <  > button, then press the <  > button.




- <  > appears in the LCD panel, indicating that the modes and settings have registered.
- The registered modes and settings can be modified any number of times.



- ! ● To register the modes and settings, first press the <  > button before the <  > button. If you press the <  > button first, the camera will only select the registered modes and settings instead.
 - Bulb cannot be preset.
 - You cannot select the registered modes and settings during continuous shooting.
- ! ● If P.Fn-03 has been set to specify the metering mode for manual exposure, and P.Fn-06 is used to register the manual exposure mode and a metering mode different from the one specified with P.Fn-03, you can select the metering mode specified with P.Fn-03 by pressing the <  > button.
 - If P.Fn-04 and/or P.Fn-05 has been set, set the shutter speed and aperture within the range specified with P.Fn-04 and/or P.Fn-05.
 - If the shooting and metering modes you want to set are excluded by the restrictions in P.Fn-01 and P.Fn-02, those Personal Functions must be disabled. For information on clearing and resetting Personal Functions, refer to "Clearing and Resetting Personal Functions" in the camera's Instruction Manual supplied with the camera.
 - Even if the shooting and metering modes selected by P.Fn-06 are excluded by the restrictions in P.Fn-01 and P.Fn-02, they are still valid for P.Fn-06.

C.Fn

- If C.Fn-4-1 or C.Fn-4-3 has been set, AF and AE will also take effect when you press the <  > button.
- When C.Fn-18 is set, P.Fn-06 is disabled.

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P.Fn-07 Repeats bracketing during continuous shooting

- While you hold down the shutter button, bracketing repeats continuously in the currently selected drive mode.
- This function is useful when you want to continuously repeat the bracketing sequence.

P.Fn-08 Sets the number of shots to be bracketed

- Select the number of shots from the list box.
- The usual 3-shot bracketing is changed to 2-, 3-, 5-, or 7-shot bracketing.
- In bracketing shots, if you select 5-shot bracketing with 1-stop increment, the bracketing for the shots is -2, -1, 0, +1 and +2.
- This function is useful for adjusting the range of bracketing.

- Even when the setting is outside the bracketing level display range, the exposure is compensated as specified.
- This function can be used in combination with C.Fn-09-2/3 and P.Fn-09.

P.Fn-09 Changes the bracketing sequence for C.Fn-09-2/3 to increased exposure, standard exposure, and decreased exposure

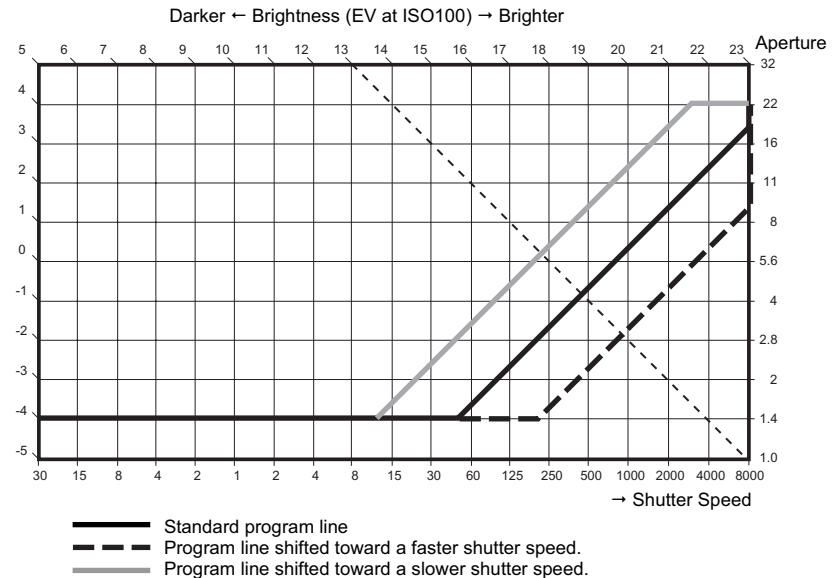
- The bracketing sequence when C.Fn-09-2/3 is selected (decreased exposure → standard exposure → increased exposure) changes to increased exposure → standard exposure → decreased exposure.
- This function is useful when you want to start the bracketing sequence with a increased exposure.

- This function can be used in combination with P.Fn-08.

P.Fn-10 Retains the shift amount for program shift

- Normally, any program shift amount is canceled after you take the picture. This Personal Function retains the program shift amount.
- This function is useful when you want to shift the standard program line so that priority is given to the shutter speed or to the aperture.

By shifting the program, you can change the shutter speed or aperture and still retain the same exposure level. Under the same brightness, you can shift the program line toward the right to set a faster shutter speed and a larger aperture (lower f/number). Or you can shift the program line toward the left to set a slower shutter speed and a smaller aperture (higher f/number). P.Fn-10 retains the amount of program shift. Select the appropriate amount of shift for the level of priority you want to give to the shutter speed or aperture setting.



With EF50mm f/1.4 USM

- The program shift amount remains in effect until you set it back to the standard program manually or replace the battery or press the <CLEAR> button.
- The shift amount is retained even after you change the lens.

P.Fn-13 Executes AI Servo AF continuous shooting giving priority to the drive speed

- This function is compatible with the EOS-1D only.
- During continuous shooting, shutter release-priority takes effect instead of focus-priority.
- Effective when it is more important to capture an image even though it might be slightly out of focus.

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P.Fn-14 Disables focus detection (search driving) by the lens drive

- Normally, when you press the shutter button halfway and focus cannot be achieved, the lens is driven to search the correct focus. This lens driving operation can be turned off.
- When focus has been achieved once and refocusing fails, the subsequent lens driving operation can result in grossly out of focus. This subsequent lens driving operation is turned off. P.Fn-14 is especially suited for super telephoto lenses.


 If autofocus is attempted while the lens is way out of focus, the lens may stop operating. Focus manually until the subject outline becomes discernable, then autofocus.

P.Fn-15 Disables the AF-assist beam from being emitted

- This disables the external Speedlite's built-in AF-assist beam.
- At a joint photo session, etc., this prevents the AF-assist beam's pattern projected on the subject from being photographed by other photographers.

P.Fn-16 Enables automatic shooting when focus is achieved at the fixed point of focus while the shutter button is pressed fully


- This takes the picture automatically when the subject comes to the preset focusing distance. Focusing detection is performed using the selected AF point.
- Set the lens focus mode switch to <MF> and focus manually at the desired point of focus.
- Keep pressing the shutter button fully.
- Using an accessory such as Remote Controller RS-80N3 which can lock the shutter button relieves you from holding down the shutter button while you wait for the subject.

-  ● Because the camera remains on standby while the shutter button is fully pressed, battery power is used up more quickly. For long periods of photography, use the DC Coupler Kit supplied with the camera.
- When this function is used in combination with a flash, the flash remains on standby at full charge. Consequently, the flash batteries are used up more quickly. (The Speedlite's SE mode is disabled.)
 - When you use a flash with this function, set the drive mode to single shooting. If you select continuous shooting, the flash will be unable to charge in time for successive shots and will not fire at full charge.
 - If you set the drive mode to continuous shooting, set the number of shots in P.Fn-20. If you do not use P.Fn-20, once the camera focuses on the subject, continuous shooting will continue until the capacity of the memory card is reached.
 - P.Fn-16 cannot be used with manual focus lenses or with lenses that are too slow to be used with autofocus.
 - Do not use this function when C.Fn-4-1/3 is set as shots will be taken regardless of whether the image is in focus.

 Using an accessory such as Remote Controller RS-80N3 which can lock the shutter button is recommended.


P.Fn-17 Disables automatic AF point selection

- When you select beyond the peripheral AF point, the selection stops there. It makes selecting a peripheral AF point faster.

-  ● If C.Fn-11-2 has been set, you can switch to automatic AF point selection by pressing the < [AF] > button during autofocusing. For more details, refer to "Selecting the AF Point" in the camera's Instruction Manual supplied with the camera.
- If automatic AF point selection has been preset at [AF frame registration] setting, the preset setting remains valid. For more details, refer to "Registering and Switching the AF Point" in the camera's Instruction Manual supplied with the camera.


P.Fn-18 Enables automatic AF point selection when C.Fn-11-2 has been set

- Enables the standard horizontal AF point selection together with automatic AF point selection with C.Fn-11-2.
- Convenient when you want to use automatic AF point selection while C.Fn-11-2 has been set.

 If P.Fn-17 [Disables automatic AF point selection] has also been set, P.Fn-17 will override P.Fn-18 to disable automatic AF point selection.

P.Fn-19 Sets the continuous shooting speed

- In the list box, select the speed of continuous shots during continuous shooting.
- By reducing the maximum continuous shooting speed, AI Servo AF continuous shooting can be more stable.
- **With the EOS-1Ds Mark II and EOS-1Ds, only [Continuous Shooting] is displayed.**

 In AI Servo AF, it may not be possible to complete the selected speed of continuous shots.

P.Fn-20 Limits the number of shots during continuous shooting

- This enables you to enter the maximum number of shots to be exposed during continuous shooting while the shutter button is pressed fully.
- Convenient when you do not want to shoot an unwanted scene that follows.

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P.Fn-21 Enables quiet operation when the shutter button is OFF after picture-taking

- When single shooting is selected, this function selects quiet camera operation when you release the shutter button from the fully pressed position to the half way position.
- This is useful when the camera operation noise would be disturbing after you take the picture.


 If you select continuous shooting, the camera operates normally.



C.Fn Setting mirror lockup with C.Fn-12 will further reduce the shooting noise.

P.Fn-23 Changes the timer's time length

- After you press and release a button, the respective function remains active for a specific number of seconds. You can change this number of seconds as necessary.
- The function's activation time can be set from 0 to 3600 sec. (1 hour).
- If the standard activation time is too short or too long, you can adjust it.


6 sec. timer	● AE lock time after you press the shutter button halfway or the < * > button.
16 sec. timer	● FE lock time after you press the < FEL > button.
Post-shutter release timer (2 sec. timer)	● Exposure setting retaining time after the picture is taken. Setting this to a longer time can make it easier to shoot in the same exposure with AE lock. ● LCD panel illumination time after the picture is taken.

 Note that if you set a longer activation time, the battery become exhausted more quickly and the number of possible shots will be reduced.

 To turn off the function's activation time midway, press the < MODE > button, < AF > button or <  > button.

P.Fn-24 Illuminates the LCD panel during bulb exposures

- After the bulb exposure starts, press the <LCD panel illumination> button to illuminate the LCD panel until the bulb exposure ends.
- Convenient when you want to monitor the elapsed bulb exposure time.


 Note that if you take bulb shots for long periods, the battery becomes exhausted more quickly and the number of possible shots will be reduced.

P.Fn-25 Sets the default settings when the <CLEAR> button is ON

- You can use this function to select the default settings when you press the <CLEAR> button.
- Convenient when you want to instantly switch to frequently-used settings.


P.Fn-26 Shortened release time lag

- This function is compatible with the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II.
- Normally, the shutter-release time lag is controlled for stability. This Personal Function eliminates this control. As a result, the shutter-release time lag can be reduced by as much as about 20 percent when the aperture needs to be stopped down by no more than 3 stops.
- This is effective when a shorter shutter-release time lag is more important than a stable shutter-release time lag.

 Since the difference is in 10-millisecond increments, the time lag may not feel any shorter.

P.Fn-27 Enables the electronic dial's function to be used in the reverse direction

- The electronic dial's rotational function can be reversed for selecting the AF point and setting the shutter speed and aperture.
- By matching the dial's rotation direction to the particular operation, the operation can feel more intuitive.

 When the Main Dial's rotational function is reversed, the horizontal AF point selection direction does not change.

P.Fn-28 Prevents exposure compensation with the Quick Control Dial

- The Quick Control Dial cannot be used to set exposure compensation.
- This prevents exposure compensation from being set accidentally while the AF point is being selected.

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P.Fn-30 Enables Quick Control Dial switch to turn on/off Main Dial, too

- This function is compatible with the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II.
- Setting the Quick Control Dial switch to <OFF> disables the Main and Quick Control Dials.

P.Fn-30 Enlargement mode

- This function is compatible with the EOS-1Ds only.
- Select which part of an image is enlarged.
- If you take the shot on the camera with this function [ON], you can enlarge an image.
- For more information on using this function on the camera, refer to “P.Fn-30 Enlarging the image” in the EOS-1Ds Instruction Manual.

- ! ● If you wish to enlarge an image, set P.Fn-30 to [ON] during shooting and playback. The image shot on the camera without setting P.Fn-30 to [ON] cannot be enlarged.
 - The image shot on any camera other than the EOS-1Ds cannot be enlarged.

P.Fn-31 Add original decision data

- This function is compatible with the EOS-1D Mark II N, EOS-1Ds Mark II, EOS-1D Mark II and EOS-1Ds.
- The data that shows whether or not the image is the original one can be added to the image. When selecting the display format of Shooting information (INFO), the [] icon showing the captured image with Original image verification data is displayed. For more details, refer to “Shooting Information Display” in the camera’s Instruction Manual.
- To verify whether the image is the original, you will need the EOS dedicated accessory Data Verification Kit DVK-E2 (optional).

- ! The original decision data cannot be added to the JPEG or TIFF image converted from the RAW image.

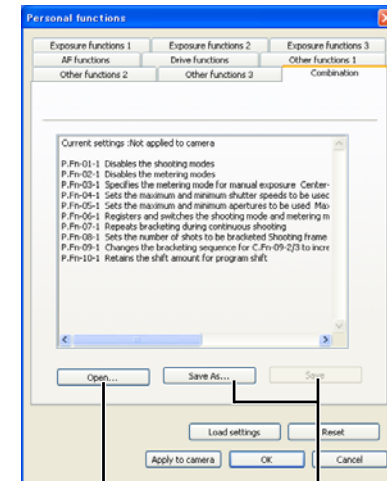
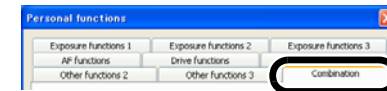
Checking Personal Function Settings

You can check the specified Personal Functions and the status of whether or not the settings are applied to the camera.

1 Specify the Personal Functions (p.3-8 to p.3-14).

2 Select the [Combination] tab.
→ The [Combination] tab sheet appears.

3 Check the settings.
● You can check the Personal Function settings and check if these settings are applied on the camera.



You can load the Personal Function settings saved on your computer (p.3-15).

You can save the specified Personal Function settings (p.3-15).

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Saving and Loading Personal Function Settings

You can save the specified Personal Function settings on your computer as a Personal Function settings file and then load the saved Personal Function settings file and apply the settings to the camera.

Saving the Settings on Your Computer

1 Click the [Save as] button.

→ The [Save As] dialog box appears.

2 Select the destination folder, enter the file name, and then click the [Save] button.

→ The specified Personal Function settings are saved to the computer as a Personal Function settings file.

! The Personal Function settings file is not compatible with a camera other than the one the function was set.

- To update an existing Personal Function settings file, click the [Save] button.
- Personal Function settings file saved in your computer is compatible with both Windows and Macintosh.

Loading the Settings Saved on Your Computer

1 Click the [Open] button.

→ The [Open] dialog box appears.

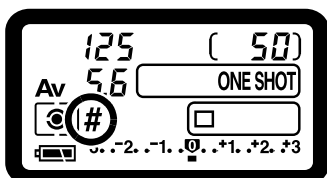
2 Open the folder containing the settings, select the file, and then click the [Open] button.

→ The saved Personal Function settings file is loaded.

3 Click the [OK] button.

→ The loaded settings are applied to the camera, the [Personal functions] dialog box closes, and the display returns to the basic settings window.

→ When a Personal Function is applied to the camera, <#> appears on the LCD panel.



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4 Remote Shooting

This chapter explains how to take shots remotely by controlling from your computer.

For instructions on connecting your camera and computer, and for how to start EOS Utility, refer to Chapter 1 (p.1-1).

- To perform remote shooting and camera settings for a camera with [Communication] included as a menu function, you need to set the [Communication] according to the following table.

[Communication] settings for different cameras

Camera model	Menu	Setting
● EOS 5D	[fT Communication]	[PC connect.]
● EOS 30D	[fT Communication]	[Print/PC]
● EOS 20D	[fT Communication]	[Normal]
● EOS 10D	[Communication]	[Normal]
● EOS DIGITAL REBEL XT/350D DIGITAL	[fT2 Communication]	[PC connection]
● EOS DIGITAL REBEL/300D DIGITAL	[fT2 Communication]	[Normal]

For instructions on settings, refer to "Setting a Camera with [Communication] Settings" (p.1-2).

- Click on the item to display its page.

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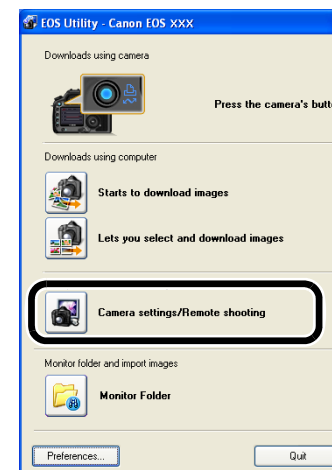
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Single Shooting

You can take a shot by remote controlling your camera from a computer.

1 Click the [Camera settings/Remote shooting] button.

- The camera settings window appears.
- When switching to the main window, select the [Window] menu ► [Main Window].



The above window shows information displayable when EOS 30D is connected. The displayed information varies depending on the camera model connected.

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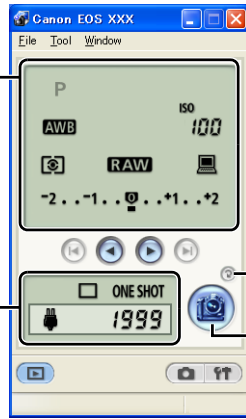
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2 Specify desired settings.

Allows you to specify and check the camera settings (p.4-3).



You can rotate and download the shot images regardless of the camera position. Each time you click the button, the image rotates 90°. * When using the rotation function, select the [File] menu ► [Preferences], and checkmark the [Rotate image] in the [Remote Shooting] tab sheet.

Shoot button
Click to take a shot.

- The above window shows information displayable when the EOS 30D is connected. The displayed information varies depending on the camera model connected.

3 Click the [] button.

- The shot image is transferred to your computer and is displayed in ZoomBrowser EX.
- Alternatively, you can press the camera's shutter button to take a shot.
- If you select the [File] menu ► [Exit], EOS Utility exits, including the camera settings window.

- ! ● If the camera is not ready for shooting (the lens is not attached, etc.), you cannot perform the operation as explained.
- When you are using auto focus, you cannot take shots if the camera cannot focus. In this case, focus manually.
- Bulb exposure is not available.

- ! ● Alternatively, you can press the space bar to take a shot.
- The number of available shots changes depending on the available capacity on your computer's hard disk. Check the Shots to Go display (p.4-3).
- The transfer time to the computer of RAW images shot remotely is approximately 4 to 7 seconds.
 - The above time is only an estimate. Transfer times vary widely depending on the camera model used, the type of computer, and the subject of the photo.
 - Transfer times are based on Canon testing standards. (When using the following: OS: Windows XP, CPU: 2.2 GHz Pentium 4; RAM: 512MB)
 - The times for images shot in JPEG will be shorter than those shown above.
- You can change the software that starts up when you download images, from ZoomBrowser EX to Digital Photo Professional (p.4-3).

Timer Shooting

You can automatically take a shot when the specified time elapses.

1 Select the [Tool] menu ► [Timer shooting]

- The [Timer shooting setting] dialog box appears.

2 Enter a delay time and click the [Start] button.

- Enter a value between 0 seconds and 99 minutes 59 seconds in 1-second increments.
- The shot is taken when the specified time elapses.

Interval Timer Shooting

You can automatically take shots by setting the interval between shots and the number of shots to be taken.

1 Select the [Tool] menu ► [Timer shooting].

- The [Timer shooting setting] dialog box appears.

2 Checkmark the [Interval timer shooting].

3 Enter the shooting interval and the number of shots. Then click the [Start] button.

- Enter a value between 5 seconds and 99 minutes 59 seconds in 1-second increments.
- For EOS-1D series cameras, the number of shots is 2 to maximum 1999; for cameras other than the EOS-1D series cameras, the number of shots is 2 to maximum 999.
- Shooting is performed at the specified interval and for the specified number of shots.

- ! ● On some types of computers, if you set a short interval between shots and there is insufficient time to download and save the images, it may not be possible to take shots at the specified interval. In this case, set a longer interval between shots and take the shots again.

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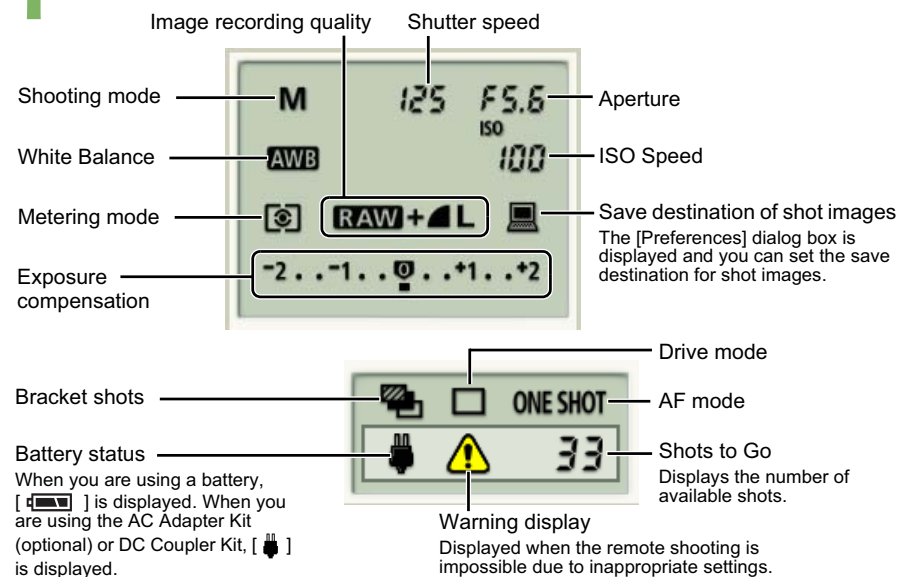
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Specifying the Camera Settings

You can check and change the settings in the camera from your computer remotely.

1 Check the camera setting.



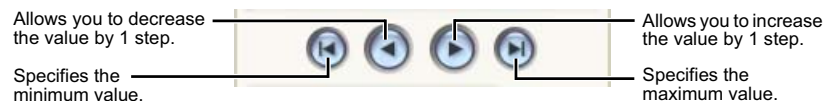
- The above window shows information displayable when the EOS 30D is connected. The displayed information varies depending on the camera model connected.
- Set the functions which you cannot set remotely (drive mode, AF mode etc.) directly in the camera.
- In the [Remote Shooting] tab sheet in the [Preferences], you can save shot images to both your computer and the memory card by setting [Save also to camera's memory card].

2 Click the icon to be set.

- The icon displayed here shows exposure compensation as an example.



3 Use the buttons to change a value.



→ The changed settings are applied to the camera.

! Before you specify the settings, be sure to check that the camera is ready for shooting. If the camera is not ready for shooting (the lens is not attached, etc.), you cannot make some of the settings.

Settable functions and settings displays by camera model

	EOS-1D Mark II N EOS-1Ds Mark II EOS-1D Mark II EOS-1Ds	EOS 5D EOS 30D EOS 20D EOS DIGITAL REBEL XT/350D DIGITAL	EOS 10D EOS DIGITAL REBEL/ 300D DIGITAL	EOS-1D EOS D60 EOS D30
Shooting mode	◎	○	○	○
Shutter speed	◎	◎	◎	○
Aperture	◎	◎	◎	○
White balance	◎	◎	◎	○
ISO speed	◎	◎	◎ ^{*2}	○
Metering mode	◎	◎	○	○
Image recording quality	◎	◎	◎	○
Save destination of shot images	◎	◎	◎	◎
Exposure compensation	◎	◎	◎	○
Bracket shots	○ ^{*1}	○	—	—
Drive mode	○	○	○	○
AF mode	○	○	○	○
Battery status	○	○	○	○
Warning display	○	○	○	○
Shots to Go	○	○	○	○

◎: Allows you to display camera settings and perform camera settings

○: Allows you to display camera settings; camera settings not possible

*1: Display with EOS-1Ds not possible

*2: Setting with EOS 10D not possible

Specifying Preferences

You can perform various EOS Utility settings.

1 Select the [File] menu ► [Preferences]

→ The [Preferences] dialog box appears.

2 Specify desired settings and click the [OK] button.

→ The settings are applied to the EOS Utility.

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This chapter provides troubleshooting and explains how to uninstall the software.

Troubleshooting

If you could not complete the installation correctly, or communication between the camera and computer fails, or you connected the camera and computer before installing the software, consult the items described below.

- For instructions on installing, refer to the “Software Guide” supplied with the camera.

Installation failed.

- **Are you using Windows XP under a setting other than [Computer administrator] privileges or using Windows 2000 under a setting other than [Administrator] privileges?**
 - You cannot install software if a user setting other than [Computer administrator] privileges or [Administrator] privileges is selected. Select the [Computer administrator] privileges user setting in Windows XP or the [Administrator] privileges user setting in Windows 2000. For detailed information on selecting the user setting, refer to your computer’s instruction manual.
- **Is the cable firmly plugged into its socket?**
 - To complete the installation, ensure that the plugs on the dedicated cable are securely plugged into the ports on the camera and computer when you connect the camera to your computer.
- **Are the camera and computer set up correctly for communication?**
 - Is the camera’s power switch set to <ON>?
 - Even when the camera’s power switch is set to <ON>, operation of the Auto power off function will automatically switch the camera off. To prevent this, set the Auto power off function to [Off]. For more details, refer to the camera’s Instruction Manual supplied with the camera.
- **Does the [Add New Hardware Wizard] ([Found New Hardware Wizard] in Windows 2000) dialog box appear during installation?**
 - Click the [Cancel] button, disconnect the dedicated cable, and then repeat the installation procedure from the beginning.
- **Doesn’t the installer panel appear?**
 - Use the following procedure to display the installer panel.
Click the [Start] button ► [My Computer]. (In Windows 2000, double-click [My Computer] on the desktop.) ► click on the CD-ROM drive containing the CD with the right button on the mouse ► select [Open] from the menu that appears ► double-click the icon on the right.



- Click on the item to display its page.

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I have installed the software but the camera and computer cannot communicate.

- **Is the driver installed?**
 - The driver is required for communication between the camera and computer. When you want to communicate between the camera and computer, be sure to install the driver shown below appropriate to your windows.
 - Windows XP: WIA Driver
 - Windows 2000: TWAIN Driver
- **Have you installed the WIA Driver or TWAIN Driver?**
 - Even if you have installed the WIA Driver or TWAIN Driver, installation is not completed unless the camera is connected to the computer. Insert the Solution Disk into the CD-ROM drive, install the WIA Driver or TWAIN Driver, and then connect the camera to your computer.
- **Does your computer comply with these requirements?**
 - **Cameras other than EOS-1D series cameras**
 - Computer with Windows XP or Windows 2000 preinstalled and equipped with a USB port as a standard feature.
 - * Operation is not guaranteed when a connection is used on computer systems other than those listed above.
 - **EOS-1D series cameras**
 - Computer with Windows XP or Windows 2000 preinstalled and equipped with an OHCI-compliant IEEE1394 port.
 - * Operation is not guaranteed when a connection is used on computer systems other than those listed above.
- **Are the camera and computer connected correctly?**
 - Connect the camera to your computer correctly using the dedicated cable (p.1-3, p.1-4).
- **Have you made the correct [Communication] settings for cameras that require [Communication] settings?**
 - Set the camera’s [Communication] to [PC connect.] or [PC connection] for the EOS 5D and EOS DIGITAL REBEL XT/350D DIGITAL, to [Print/PC] for the EOS 30D, and to [Normal] for the EOS 20D, EOS 10D and EOS DIGITAL REBEL/300D DIGITAL (p.1-2).
 - * With the EOS 10D, you must also change the firmware to version 2.0.0 or later. For details on changing, refer to the Canon’s web site.

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● Is there sufficient charge left in the camera battery?

→ Your computer does not supply power to the camera. Connect the AC Adapter Kit (optional) for the EOS 5D, EOS 30D, EOS 20D, EOS 10D, EOS DIGITAL REBEL XT/350D DIGITAL and EOS DIGITAL REBEL/300D DIGITAL, the DC Coupler supplied with the camera for the EOS D60 and EOS D30, and the DC Coupler Kit supplied with the camera for the EOS-1D series cameras. Alternatively, insert a fully charged battery and connect your computer and camera.

● Do you have more than one camera connected to your computer?

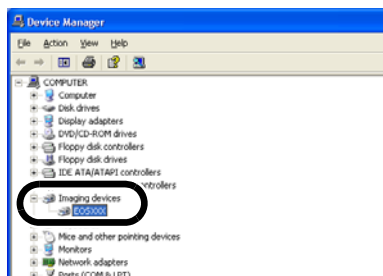
If you connect more than one camera to the same computer, the driver and camera may not operate normally.

→ Exit the software and disconnect all the dedicated cables. Then connect only one camera to the same computer again.

● Is the driver operating normally?

Connect the camera to your computer with the dedicated cable and set the camera's power switch to <ON> and open [Device Manager].

Click the plus symbol [+] to the left of [Imaging devices] and check that the connected camera is displayed.



→ If the connected camera is not displayed, the driver is not operating normally.

Briefly disconnect and then reconnect the dedicated cable, ensuring that the connection is secure. If the connected camera still does not appear, use the following procedure to re-install the driver.

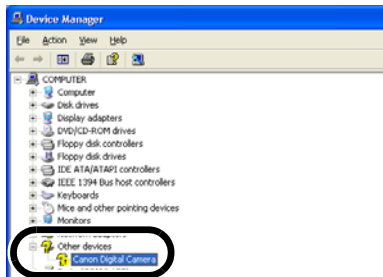
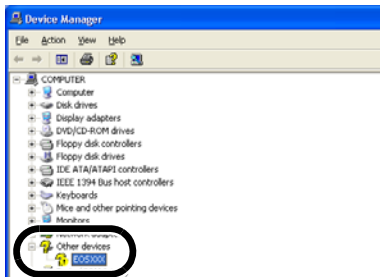
- 1 Disconnect the dedicated cable and delete the driver (p.5-3).
- 2 Re-install the driver.

→ When the [X], [!] or [?] symbol is displayed beside the connected camera, part of the driver is missing or corrupted. Use the following procedure to re-install the driver.

- 1 Delete the camera displayed in [Imaging devices].
- 2 Disconnect the dedicated cable and delete the driver (p.5-3).
- 3 Re-install the driver.

● Is the driver installed correctly?

→ Connect the camera to your computer with the dedicated cable and set the camera's power switch to <ON> and open [Device Manager]. Click the plus symbol [+] to the left of [Other devices] or [Unknown devices] and check whether the connected camera or [Canon Digital Camera] is displayed.



→ If the connected camera or [Canon Digital Camera] is displayed in [Other devices] or [Unknown devices], the driver was not installed correctly. Use the following procedure to re-install the driver.

- 1 Delete the camera or [Canon Digital Camera] displayed in [Other devices] or [Unknown devices].
- 2 Disconnect the dedicated cable and delete the driver (p.5-3).
- 3 Re-install the driver.

I connected the camera to the computer before installing the software

● Did you set the camera's power switch to <ON>?

→ If you did not set the camera's power switch to <ON>, proceed as follows:

- 1 Disconnect the dedicated cable from the camera and computer.
- 2 Install the Solution Disk software on your computer using the correct installation procedure and then connect the camera to your computer to complete the installation.

→ If you set the camera's power switch to <ON>, proceed as follows:

- 1 If [Found New Hardware Wizard] or any other dialog boxes appear, click the [Cancel] buttons to cancel all the dialog boxes.
- 2 Set the camera's power switch to <OFF>.
- 3 Disconnect the dedicated cable from the camera and computer.
- 4 Install the Solution Disk software on your computer using the correct installation procedure and then connect the camera to your computer to complete the installation.

To Display the Device Manager

● Windows XP

→ Click the [Start] button ► select [Control Panel] ► [Performance and Maintenance] ► [See basic information about your computer]. Then select the [Hardware] tab and click the [Device Manager] button.

● Windows 2000

→ Click the [Start] button ► select [Settings] ► [Control Panel]. Then double-click the [System] icon to open and select the [Hardware] tab and click the [Device Manager] button.

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Uninstalling the Software

- Log in under [Computer administrator]/[Administrator] privileges when uninstalling the software.
- Before starting the software uninstallation, exit all programs you are using and disconnect the dedicated cable from your computer.
- To prevent computer malfunctions, always restart your computer after you have uninstalled the software. Re-installing the software without first restarting your computer is likely to result in computer malfunctions.

1 Click the [Start] button ► select [All Programs] ([Programs] in Windows 2000) ► [Canon Utilities] ► [EOS Utility] ► [EOS Utility Uninstall].

2 Proceed with the uninstallation as directed by the on-screen messages.

→ Software is uninstalled.

Uninstalling the Driver

This section explains how to uninstall the EOS-1D Mark II N, EOS-1Ds Mark II, EOS 5D, EOS 30D, EOS 20D and EOS DIGITAL REBEL XT/350D DIGITAL driver. Refer to the software Instruction Manual supplied with the camera about deleting drivers in cameras other than those mentioned above.

- Log in under [Computer administrator]/[Administrator] privileges when uninstalling the driver.
- Before starting the driver uninstallation, exit all programs you are using and disconnect the dedicated cable from your computer.

1 Uninstall [EOS XXX WIA Driver] or [EOS XXX TWAIN Driver].

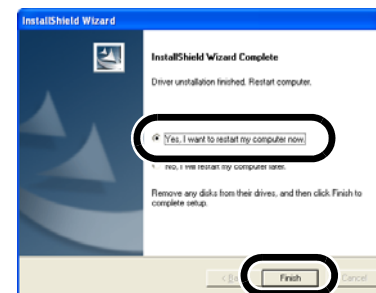
- Your camera model is displayed in EOS XXX.
- For Windows XP, click the [Start] button ► select [All Programs] ► [Canon Utilities] ► [EOS XXX WIA Driver] ► [WIA Driver Uninstall].
- For Windows 2000, click the [Start] button ► select [Programs] ► [Canon Utilities] ► [EOS XXX TWAIN Driver] ► [TWAIN Driver Uninstall].

2 Proceed with the uninstallation as directed by the on-screen messages.

→ The driver is uninstalled.

3 Restart the computer.

- When the dialog box on the right appears, select the [Yes, I want to restart my computer now.] and click [Finish] button.
- When the computer is restarted, uninstalling of the driver is completed.



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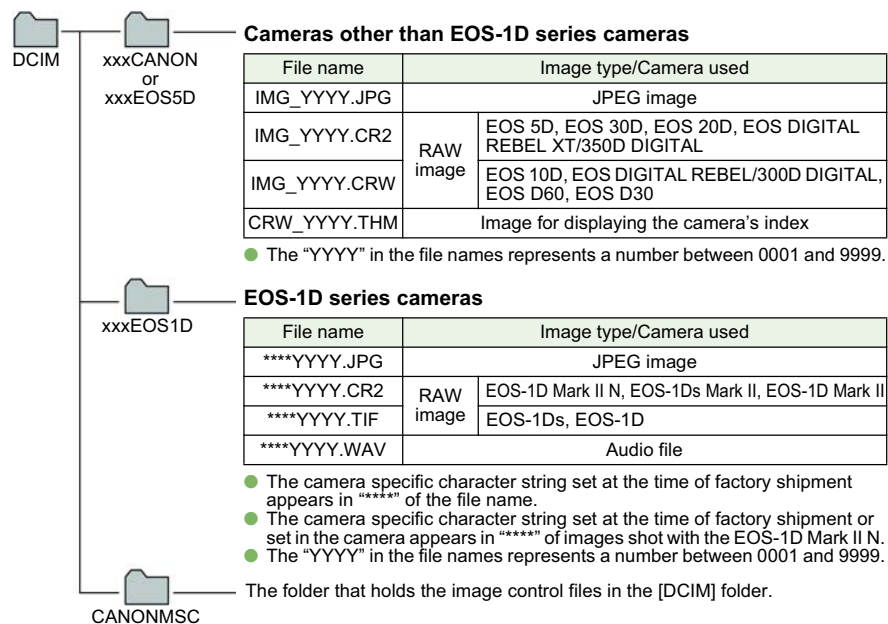
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Folder Structure and File Names

Images shot with the camera are saved in the memory card's [DCIM] folder, with the following folder structure and file names.



- The "xxx" in the folder names represent a number between 100 to 999.
- The folder structure for the EOS-1D Mark II N, EOS-1Ds Mark II and EOS-1D Mark II CF card and SD card is the same.
- When you perform DPOF settings on the camera, a [MISC] folder is created. The files that manage the DPOF settings are saved in the [MISC] folder.

When Adobe RGB is specified, the file names of images shot with the EOS-1D Mark II N, EOS-1Ds Mark II, EOS-1D Mark II, EOS 5D, EOS 30D, EOS 20D and EOS DIGITAL REBEL XT/350D DIGITAL have an underbar " _ " as the first character.

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