**Macintosh**

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# CANON

Communication Software for the Camera

# EOS Utility

## Ver. 2.5

📷 1Ds Mk III | 1D Mk III | 5D Mk II | 50D | 40D | REBELXSi | 450D | REBELXS | 1000D

## Instruction Manual

### ● Content of this Instruction Manual

- ● EU is used for EOS Utility.
- ● Camera model is displayed as an icon.
  Example: EOS-1D Mark III → 1D Mk III
- ● 📷 displays the relevant camera model.
- ● In this manual, the windows used in the examples are from Mac OS X 10.4.
- ● The selection sequence of menus is displayed in ▶ procedures.
  (Example: Select the [Window] menu ▶ [Main Window].)
- ● Square brackets are used to indicate items such as menu names, button names and window names that appear on the computer screen.
- ● Text inside < > indicates a camera switch name or icon, or a keyboard key name.
- ● ** indicates a reference page.
  Click to move to the relevant page.
- ● ⚠ : Marks information that should be read before use.
- ● 📄 : Marks additional information you may find helpful.

### ● Switching Between Pages

- ● Click on arrows on the bottom right of the screen.
  - ▷ : next page
  - ◁ : previous page
  - ↩ : return to a page you had previously displayed
- ● Click on the chapter headings on the right side of the screen to switch to the contents page of that chapter. Also, click the item you want to read about on the table of contents to move to the relevant page.

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# Introduction

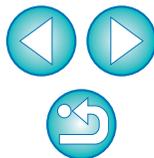EOS Utility (hereinafter EU) is software for communication with your EOS DIGITAL camera. By connecting the camera and computer with the cable provided with the camera, you can download to your computer images saved in the camera's memory card as well as set various camera settings or shoot remotely from EU on your computer.

## Main Features of EU

From EU, you can control the camera remotely and perform the following main features.

● **Batch download to your computer images saved in the camera's memory card.**
- ● You can also download to your computer only images you have selected.

● **Set various camera settings from your computer.**

● **Shoot remotely by controlling the camera from your computer.**
- ● Remote Live View shooting – Shoot while checking your subject in real time on your computer.
- ● You can also shoot remotely by operating the camera's shutter button.
- ● Preset a time allowing the camera to shoot automatically with timer shooting.

● **When downloading images or shooting remotely, view/check images with the linked Digital Photo Professional.**

## System Requirements

| OS | Mac OS X 10.4 to 10.5 |
|---|---|
| Computer | Macintosh with one of the above OS installed and a USB port as a standard feature |
| CPU | PowerPC G4, G5, Intel processor |
| RAM | Minimum 1GB |
| Interface | Hi-Speed USB |
| Display | Resolution: 1024 × 768 or more<br>Colors: Thousands or more |

● When using EU on an Intel-based Macintosh running Mac OS X 10.4, be sure your Mac OS is updated to version 10.4.7 or later.

## Supported Camera

Can be used for RAW images, JPEG images or MOV movies shot with the cameras below.

| | |
|---|---|
| EOS-1Ds Mark III | EOS-1D Mark III |
| EOS 5D Mark II | EOS 50D |
| EOS 40D | EOS DIGITAL REBEL XSi/450D |
| EOS DIGITAL REBEL XS/1000D | —— |

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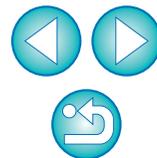
Basic operation such as preparing for downloading images to your computer (connecting your camera and computer), starting up EU, downloading images from your camera to your computer and quitting EU are explained here.

# Connecting the Camera and Computer

To download to your computer images shot with your camera, you will need to connect your camera and computer using the interface cable provided with your camera.

**1** **Connect the large plug of the cable into the USB port of your computer.**
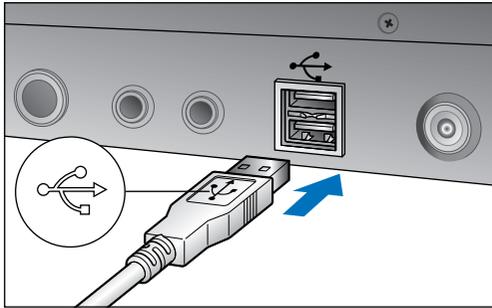
- For the location and direction of the USB port, refer to the computer User's Manual.

**2** **Connect the small plug of the cable into the < ⟋⟍ > terminal on your camera.**
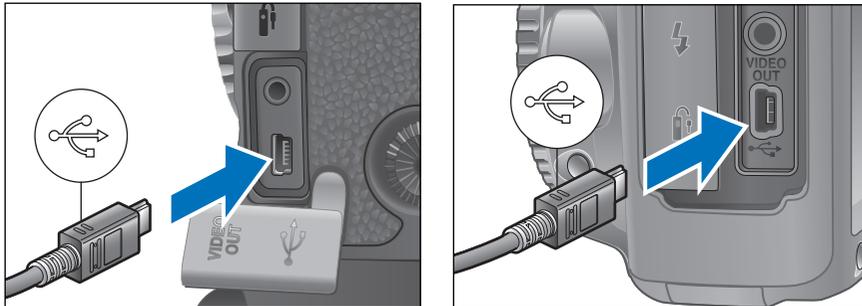
- Connect the plug with the < ⟋⟍ > mark facing the front of the camera.
- Image downloading preparation is now complete. Continue with "Starting up EU".
- With `1Ds Mk III` `1D Mk III` , you can fix the plug to the camera with the cable protector to prevent the plug from disconnecting. For details on using, refer to .

# Starting up EU

When the camera's power switch is set to < ON >, EU will start up, and the camera and computer will be able to communicate.

## Set the camera's power switch to < ON >.
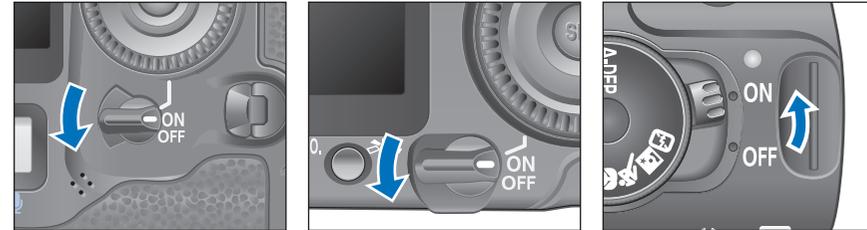
**EU Main window**

→ EU starts up, the main window appears, and your camera and computer can now communicate. Continue with "Batch Downloading Images to Your Computer".
- The camera's LCD monitor turns on when EU starts up.
- You can operate the camera and download images saved on the memory card inserted in the camera to your computer. Refer to your camera's Instruction Manual for details.
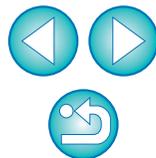
# Batch Downloading Images to Your Computer

You can batch download to your computer all the images saved on the memory card inserted in the camera that you have not already downloaded.

The downloaded images are sorted by date into folders and are then displayed in the main window of Digital Photo Professional (RAW image processing, viewing and editing software) (hereinafter DPP), which is linked to start up automatically, where you can check them immediately.

## 1 Click [Starts to download images].
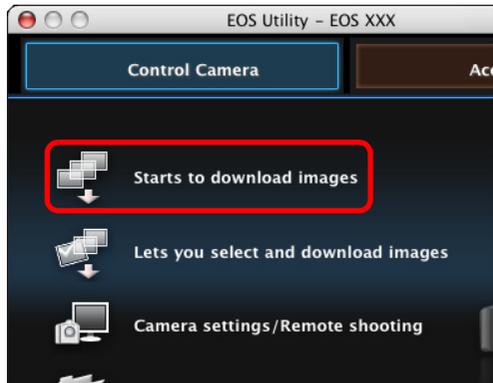


### Save File dialog box
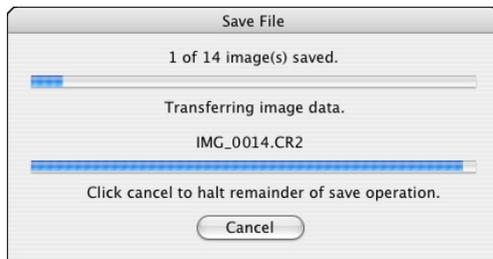


➜ The [Save File] dialog box appears and image downloading to your computer begins.
➜ The downloaded images are saved in the [Pictures] folder.
● When all images have been downloaded, DPP starts up automatically and the downloaded images are displayed in DPP's main window.

## 2 Check the downloaded images.

### DPP Main window
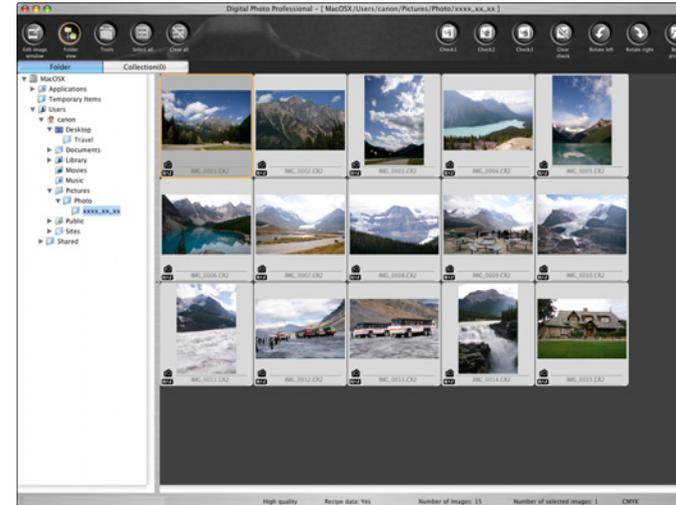


● Check the downloaded images in DPP.
   For details on using DPP, refer to the "Digital Photo Professional Instruction Manual" (PDF electronic manual).
● Continue with "Quitting EU" .

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● When you download images, you can change the software that starts up from DPP to ImageBrowser or another software .
● You can change images downloaded and the save destination .
● Downloading movie files may take some time due to the large file size.

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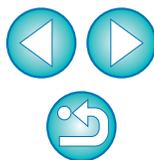
## Downloading Selected Images to Your Computer

From the images saved in your camera's memory card, you can select the ones you want and download them to your computer.

### 1 Click [Lets you select and download images].
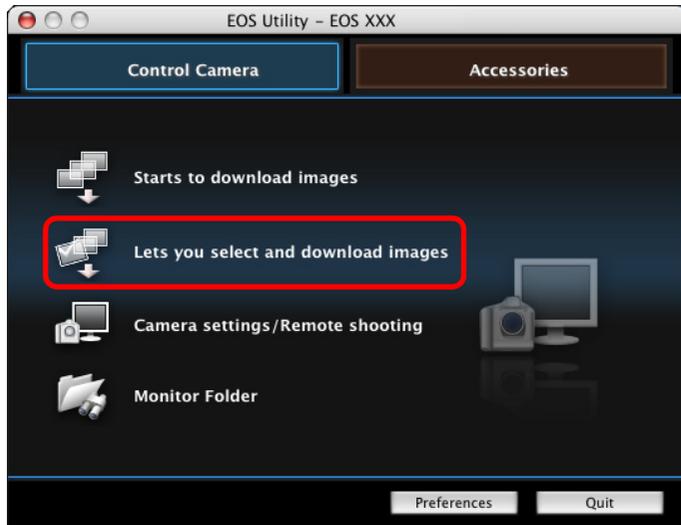


→ A viewer window appears and the images in the memory card are displayed.

### 2 View the images and checkmark images to download.

**Viewer window**
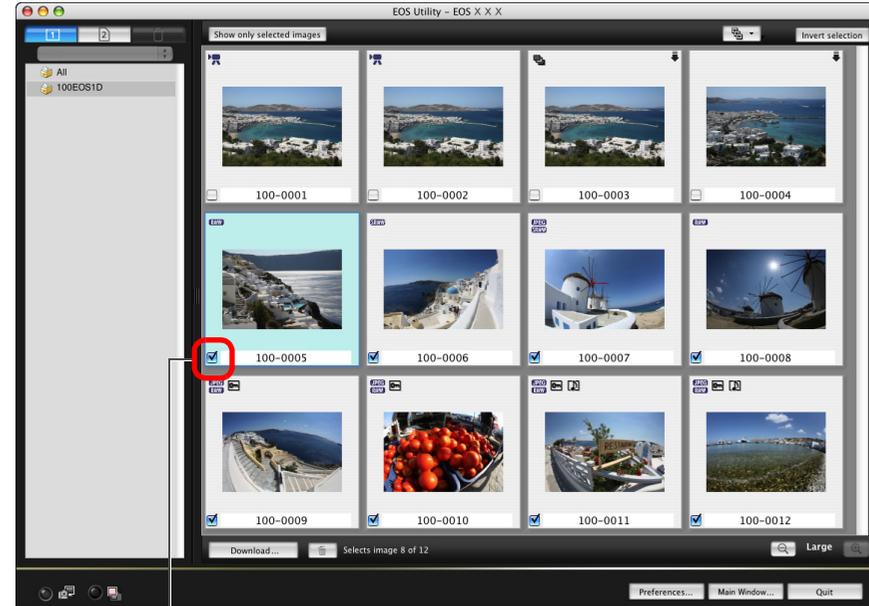


Add check mark

### 3 Click the [Download] button.
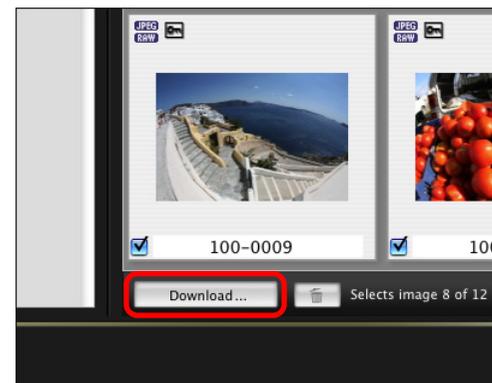


→ The [Download image] dialog box appears.

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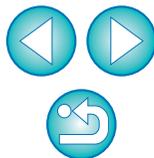
**4** **Specify the save destination and then click the [OK] button.**

Displays the save destination on the computer

**Download image dialog box**

EOS Utility – Download image

Specify File Name

/Users/canon/Pictures

XXXX_XX_XX

.xxx
(xxx: file extension will be the same as the original file name)

Destination Folder...    File Name...

Cancel    OK
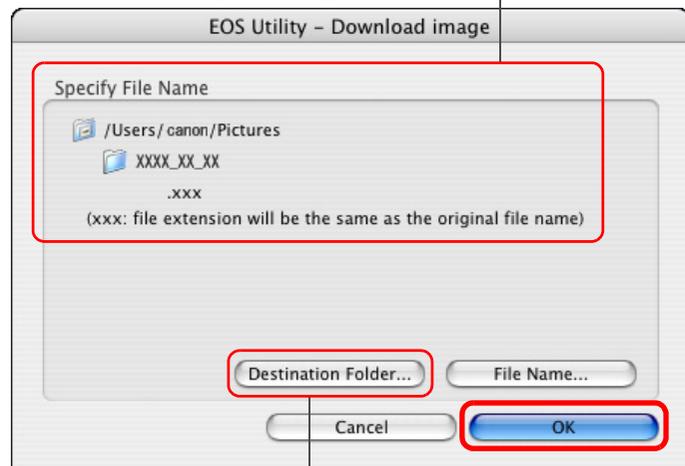
Specify the save destination

→ The [Save File] dialog box appears and image downloading to your computer begins.

→ The images downloaded to your computer are displayed in the [Quick Preview] window.

Quick Preview : IMG_XXX.JPG
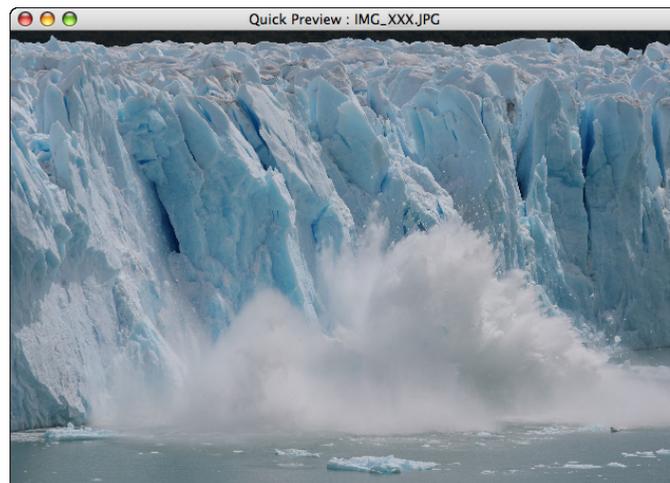
- The [Quick Preview] window allows you to quickly review the downloaded images. You can also resize the [Quick Preview] window.
- When all images have been downloaded, DPP starts up automatically and the downloaded images are displayed.
- To switch to the main window, click the [Main Window] button in the viewer window.

- In step 2, you can batch checkmark several images in sequence. After clicking the first image you want to download, hold the < shift > key and click the last image, and [ ☑ ☑ ] will be displayed. By clicking the [ ☑ ] button, the selected images will be checkmarked in a batch.
- For a list of viewer window functions, refer to p.52.

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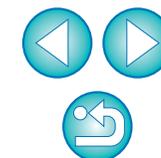
## Downloading Images with a Card Reader

For users with a third-party card reader, you can also download to your computer images stored in a memory card using the card reader. However, EU does not support image downloading using a card reader. For this reason, when downloading images using a card reader, use one of the following 3 procedures.

### Downloading Images Using Digital Photo Professional

You can use DPP to download to your computer shot images from a memory card inserted in a third-party card reader connected to your computer.

For detailed instructions, refer to "Downloading Images Using Your Card Reader" in the "Digital Photo Professional Instruction Manual" (PDF electronic manual).

### Downloading Images Using ImageBrowser

You can use ImageBrowser to download to your computer shot images from a memory card inserted in a third-party card reader connected to your computer.

For detailed instructions, refer to "Downloading Images Using Your Card Reader" in the "ImageBrowser Instruction Manual" (PDF electronic manual).

### Downloading Images without Using Canon Software

To download images with a card reader without using Canon software such as DPP or ImageBrowser, copy to your computer the [DCIM] folder in the memory card.

For more details about folder structures and files in the memory card, refer to .

# Quitting EU

**1** **Click the [Quit] button.**



→ The window closes and EU quits.

**2** **Turn the camera's power switch to < OFF >.**

**3** **Disconnect the cable from the camera and computer.**

● Do not pull on the cable; hold the plug and pull out.

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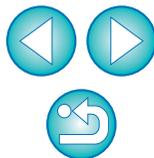
# **2** Setting the Camera from Your Computer

This section explains how to set the camera's functions from EU.

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# Setting the Camera Owner's Name, Copyright Notice and Date/Time

You can set and apply to the camera, the camera owner's name, copyright notice and date/time recorded as shooting information in shot images.

**1** **Connect your camera and computer, and then start up EU (p.5).**

**2** **Click [Camera settings/Remote shooting].**



➜ The capture window appears.

**3** **Click the [ ⚙ ] button.**

**Capture window**
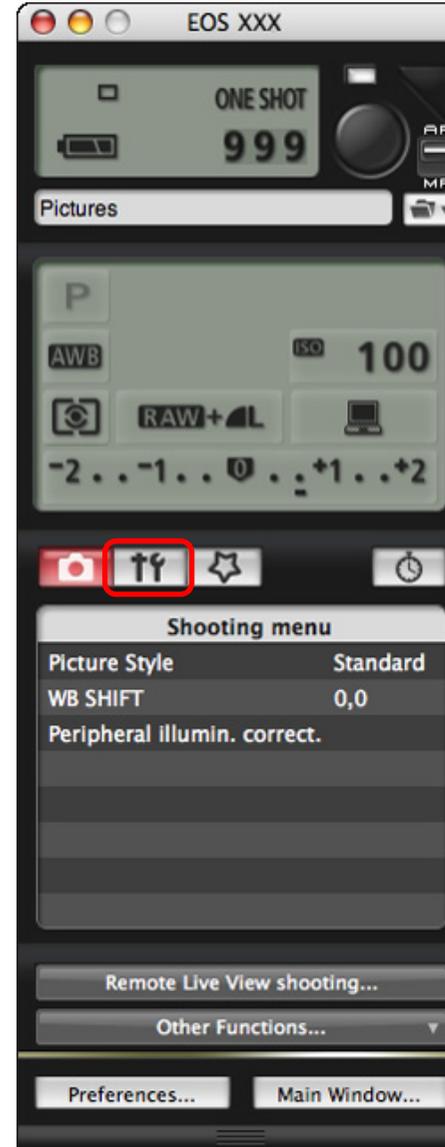


➜ The [Set-up menu] appears.

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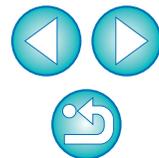
# 4 Click the required setting and specify each one.

**Set-up menu**
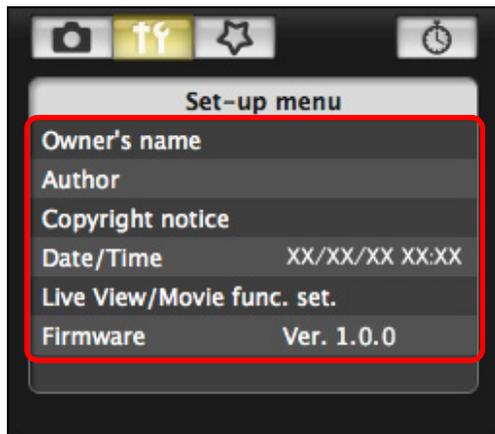


● Available settings are displayed for the camera that is connected. For more details, refer to "Available Settings by Camera Model" .

📖 For a list of the capture window functions, refer to .

## Available Settings by Camera Model

| Setting | 1Ds Mk III<br>1D Mk III | 5D Mk II<br>50D | 40D | REBELXSi<br>450D<br>REBELXS<br>1000D |
|---|---|---|---|---|
| Owner's name | ○ | ○ | ○ | ○ |
| Author | – | ○ | – | – |
| Copyright notice | – | ○ | – | – |
| Date/Time | ○ | ○ | ○ | ○ |
| Live View/Movie func. set.*1 | ○ | ○ | ○ | ○ |
| Firmware | ○ | ○ | ○ | ○ |

**Owner's name**

● You can enter and set up to 31 characters as the camera owner's name.

**Author**\*2

● You can enter and set up to 63 characters or symbols, including a prefix, as the author's name. [Photographer:] is set as the default prefix, but you can change this to a new prefix.

**Copyright notice**\*2

● You can enter and set up to 63 characters or symbols, including a prefix, as the copyright notice. [Copyright:] is set as the default prefix, but you can change this to a new prefix.

**Date/Time**

● You can set the camera's date and time.

**Live View/Movie func. set.**\*1

● You can set whether the Live View function settings or Movie function settings (p.25) are available or not.

**Firmware**

● You can display the version of the camera's firmware.
● You can update the firmware by clicking on this item.
● For more details on updating firmware, refer to the Canon's website.

\*1 Movie function settings for 5D Mk II only.
\*2 When the author or copyright notice set is not displayed in full, moving the cursor to the displayed setting item will display all the entered information as a pop-up.

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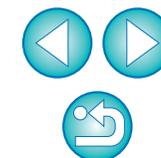
# Setting up Camera Functions

You can set and apply to the camera Picture Styles, personal white balance, JPEG quality and white balance adjustment.

**1** Connect your camera and computer, and then start up EU (p.5).

**2** Click [Camera settings/Remote shooting].

→ The capture window appears.

**3** Click the [ ] button.

→ The [Shooting menu] appears.

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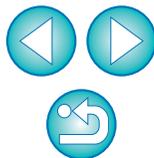
## 4 Click the required setting and specify each one.

**Shooting menu**
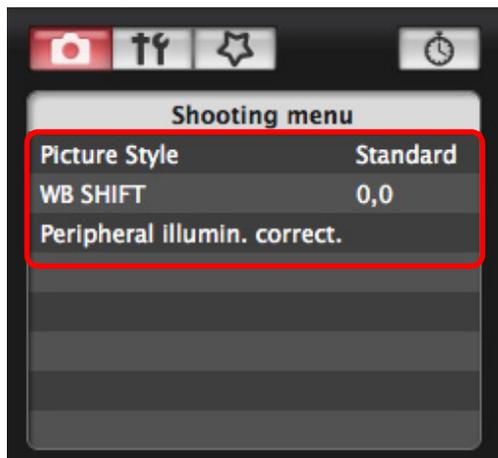


- Available settings are displayed for the camera that is connected. For more details, refer to "Available Settings by Camera Model" (Description on the right).

## Available Settings by Camera Model

| Setting | 1Ds Mk III<br>1D Mk III | 5D Mk II<br>50D | 40D | REBELXSi<br>450D<br>REBELXS<br>1000D |
|---|---|---|---|---|
| Picture Style | ○ | ○ | ○ | ○ |
| Personal white balance | ○ | – | ○ | – |
| JPEG quality | ○ | – | – | – |
| White balance adjustment | ○ | ○ | ○ | ○ |
| Registering peripheral illumination correction data | – | ○ | – | – |

**Picture Style**

- You can set a Picture Style and apply it to the camera, in the same way as operating from the camera (p.15).

**Personal white balance**

- You can register to the camera a personal white balance file saved in RAW Image Task (p.19).

**JPEG quality**

- You can set the JPEG image quality and apply it to the camera, in the same way as operating from the camera (p.20).

**White balance adjustment**

- You can adjust the white balance, in the same way as operating from the camera (p.21).

**Registering peripheral illumination correction data**

- You can register peripheral illumination correction data for the lens to the camera or delete registered data from the camera (p.21).

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## Setting Picture Styles and Applying to the Camera

You can set and apply Picture Styles to the camera, in the same way as operating from the camera. You can change the values for [Sharpness], [Contrast], [Saturation] and [Color tone] of each Picture Style and register up to three of your own Picture Styles in the camera as user-defined settings.

You can also register Picture Style files in the camera as user-defined settings you have downloaded from the Canon's website or created with Picture Style Editor (Picture Style file creating software) (hereinafter PSE) and saved to your computer.

### Selecting a Picture Style and Applying to the Camera

**1** **Click [Picture Style].**
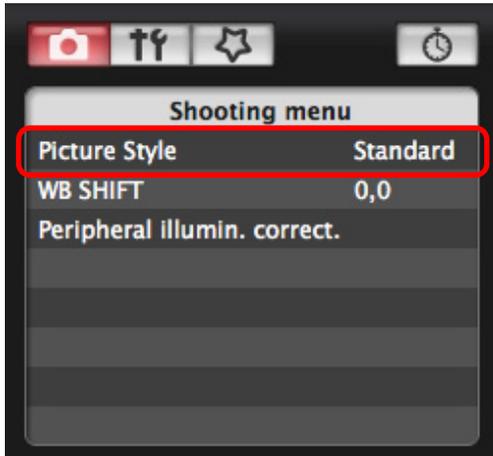
➜ The [Picture Style] window appears.

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

**Picture Style window**
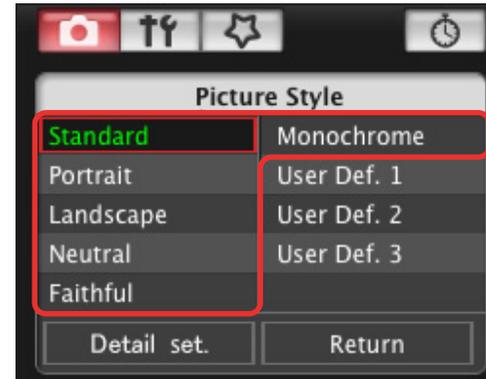
➜ The setting is applied to the camera and the display returns to the [Shooting menu].

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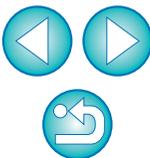
## Changing Picture Style Settings and Applying to the Camera

You can set your own Picture Style [Sharpness], [Contrast], [Saturation] and [Color tone] and apply them to the camera, in the same way as operating from the camera.

**1 Click [Picture Style] (p.15).**

→ The [Picture Style] window appears.

**2 Click [Detail set.].**
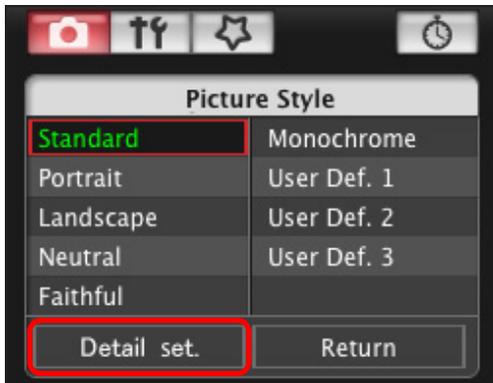


→ The [Picture Style settings] dialog box appears.

**3 Select a Picture Style from the [Picture Style] list box.**
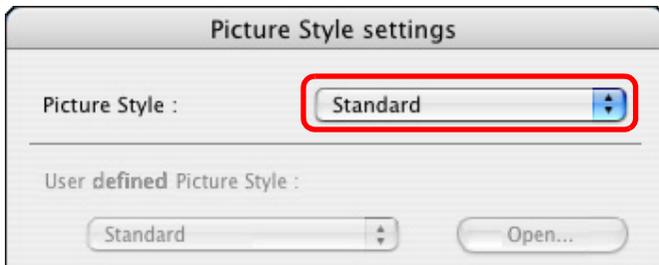


→ If you select [Monochrome], the [Filter effect] and [Toning effect] list boxes appear.

**4 Drag the slider for each item left or right.**
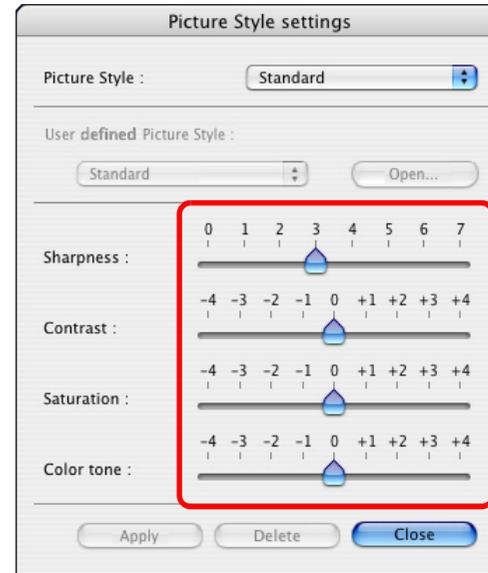


**5 Click the [Apply] button.**
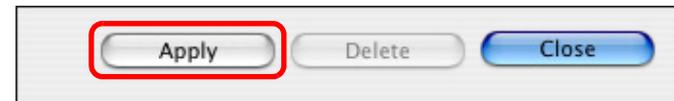


→ The settings are registered in the camera.

**6 Click the [Close] button.**

→ The [Picture Style settings] dialog box closes.

**7 In the [Picture Style] window (the window in step 2), click the Picture Style whose setting values have been changed.**

→ The setting is applied to the camera and the display returns to the [Shooting menu].

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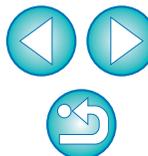
# Customizing Picture Styles and Applying to the Camera

You can set your own Picture Style items, [Sharpness], [Contrast], [Saturation] and [Color tone] values and register up to three of these as user-defined settings in your camera, in the same way as operating from the camera.

**1** **Click [Picture Style]** (p.15)**.**

→The [Picture Style] window appears.

**2** **Click [Detail set.].**
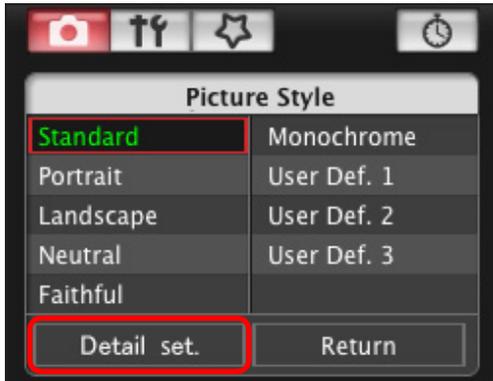


→The [Picture Style settings] dialog box appears.

**3** **Select one of [User Def. 1] to [User Def. 3] from the [Picture Style] list box.**
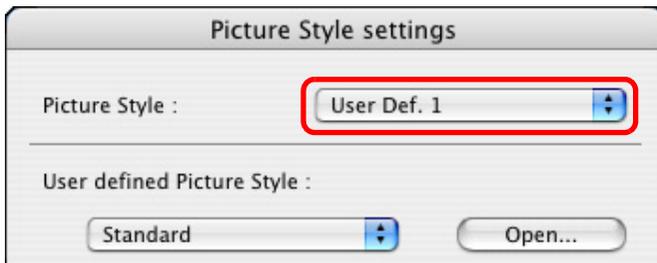


**4** **Select a Picture Style from the [User defined Picture Style] list box.**



→If you select [Monochrome], the [Filter effect] and [Toning effect] list boxes appear.

**5** **Drag the slider for each item left or right.**
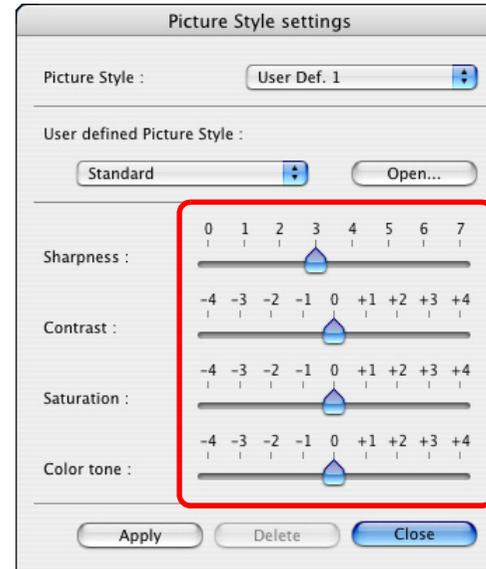


● The steps that follow are the same as step 5 to step 7 on p.16.
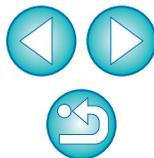
# Applying Picture Style Files to the Camera

You can register up to three Picture Style files downloaded from the Canon's website or created with PSE and saved to your computer, as user-defined settings in your camera.

## 1 Click [Picture Style] (p.15).
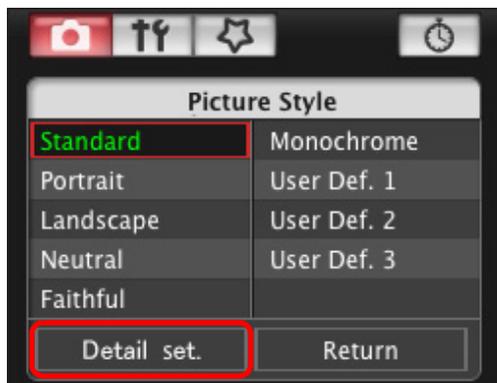
➜ The [Picture Style] window appears.

## 2 Click [Detail set.].



➜ The [Picture Style settings] dialog box appears.

## 3 Select one of [User Def. 1] to [User Def. 3] from the [Picture Style] list box.



## 4 Click the [Open] button.
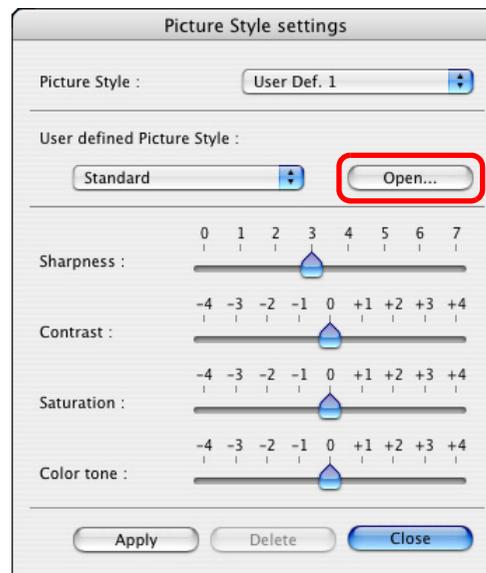


➜ The Load Picture Style window appears.

## 5 Select a Picture Style file and then click the [Open] button.
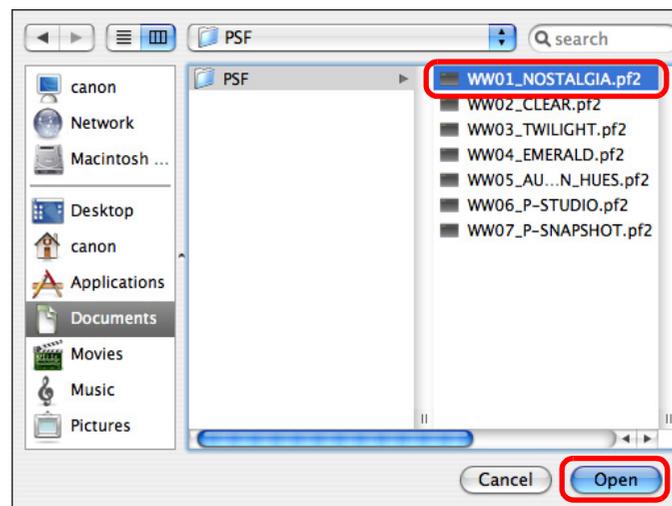


➜ The Picture Style file is loaded.

● The steps that follow are the same as step 5 to step 7 on p.16.

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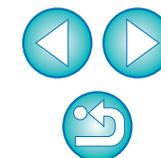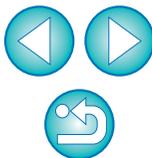
- A Picture Style file is an extended function of Picture Style. For more details on Picture Style files, refer to the Canon's website.
- The Picture Style files that you can apply to the camera are files with the ".PF2" extension only.
- For details on using PSE, refer to the "Picture Style Editor Instruction Manual" (PDF electronic manual).

## Registering Personal White Balance in the Camera

📷 1Ds Mk III  1D Mk III  40D

White balance files created by adjusting the white balance of a RAW image and saving the results can be registered in the camera as personal white balances.
To adjust the white balance and save the results, start up RAW Image Task from ImageBrowser.
For more information on RAW Image Task, refer to the "ImageBrowser Instruction Manual" (PDF electronic manual).

**1** Click [Personal WB].
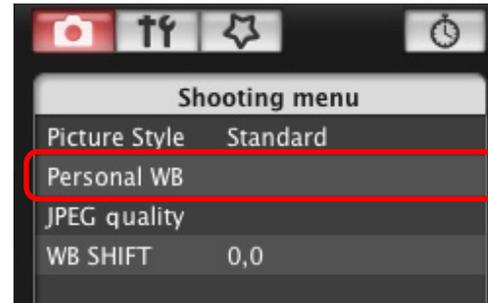


➡ The [Personal white balance settings] dialog box appears.

**2** Select the personal white balance to be registered and click the [Open] button.
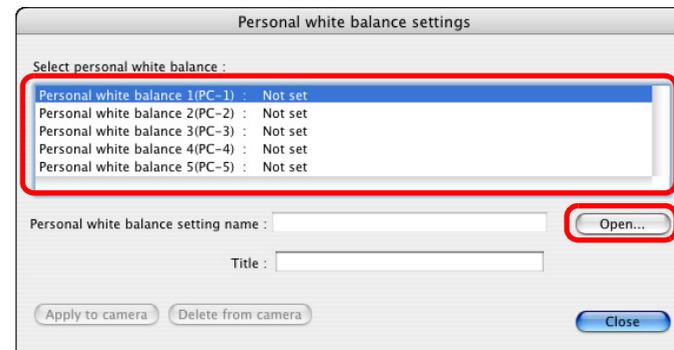


➡ The file selection window appears.

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

→ The white balance file is loaded.
● The white balance files that you can register to the camera are files with the ".WBD" extension.

**4** **Enter a title into the [Title] input field.**

● You cannot enter the title on 40D .

**5** **Click the [Apply to camera] button.**

→ The personal white balance is registered on the camera.
● This is registered as manual white balance on 40D .
● To register another setting, repeat step 2 to step 5.

**6** **Click the [Close] button.**

→ The [Personal white balance settings] dialog box closes and the display returns to the [Shooting menu].

**7** **Select a registered personal white balance on the camera.**

● Select a registered personal white balance ( 1Ds Mk III  1D Mk III ) or manual white balance ( 40D ) as the white balance.
● For selecting personal white balance or manual white balance, refer to "Selecting the White Balance" ( 1Ds Mk III  1D Mk III ) or "Setting the White Balance" ( 40D ) in the camera's Instruction Manual provided with your camera.

## Setting JPEG Quality and Applying to the Camera

📷 1Ds Mk III  1D Mk III

You can set the JPEG image quality and apply it to the camera, in the same way as operating from the camera.

**1** **Click [JPEG quality].**

→ The [JPEG Quality] window appears.

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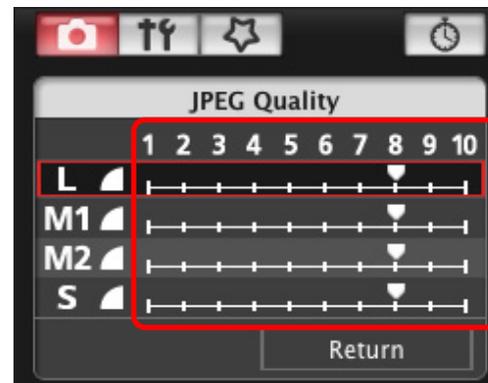
→ The settings are applied to the camera.
● Higher values give a lower compression ratio and higher image quality for any size.

**3** **Click [Return].**

→ The display returns to the [Shooting menu].

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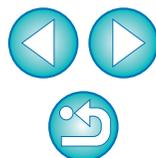
## Adjusting White Balance and Applying to the Camera

You can adjust white balance, in the same way as operating from the camera.

### 1 Click [WB SHIFT].
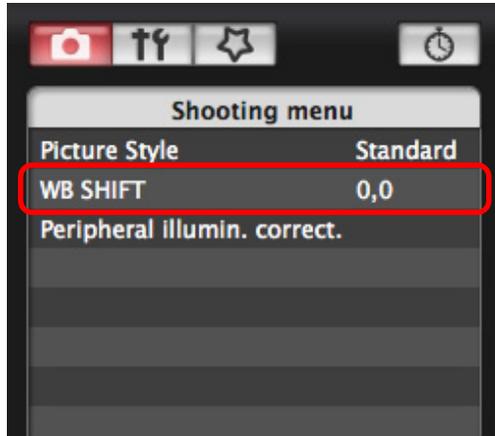


→ The [WB SHIFT] window appears.

### 2 Click the compensation position.



Compensates green

Compensates blue

Compensates magenta

Displays the compensation value

Compensates amber
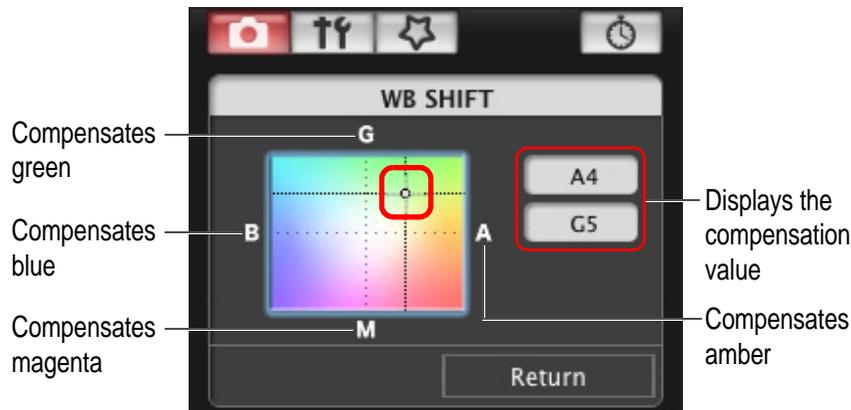
→ The settings are applied to the camera.

### 3 Click [Return].

→ The display returns to the [Shooting menu].
● To revert the corrected values to the original values, follow the procedure in step 2.

## Registering Peripheral Illumination Correction Data for the Lens in the Camera

📷   5D Mk II   50D

You can register peripheral illumination correction data for the lens to the camera or delete registered data from the camera.

### 1 Click [Peripheral illumin. correct.].
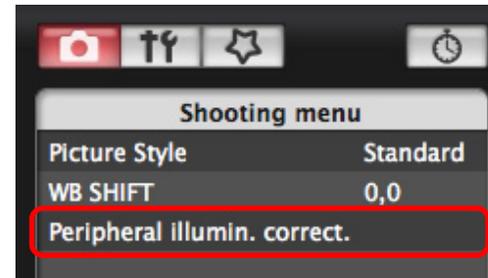


→ The [Register peripheral illumination correction data] window appears. Lenses for which correction data is registered in the camera are shown checked.

### 2 Select the lens category for which you want to register correction data.



→ A list appears showing only the selected lens category.

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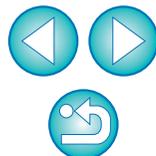
**3** **Select the lens for which you want to register correction data and click the [OK] button.**
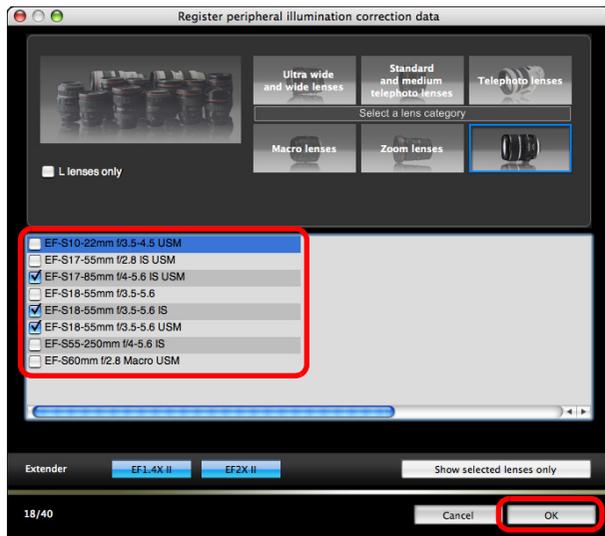


➡ The correction data for the selected lens is registered in the camera.

# Setting My Menu and Registering to the Camera

You can register up to six frequently used menu items as My Menu and register them to the camera, in the same way as operating from the camera.

You can register top layer items of each tab as well as all items of Custom Functions.

**1** **Connect your camera and computer, and then start up EU (p.5).**

**2** **Click [Camera settings/Remote shooting].**



➡ The capture window appears.

📷 For a list of the [Register peripheral illumination correction data] window functions, refer to p.53.

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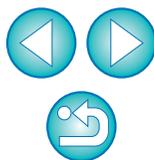
## 3 Click the [ ⭐ ] button.
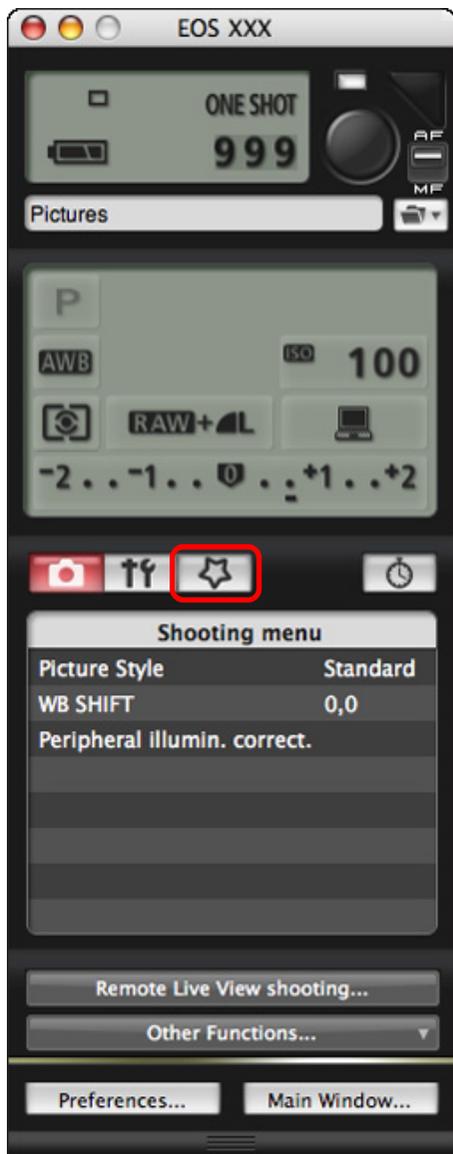
➜ The [My Menu] appears.

## 4 Click [My Menu settings].

**My Menu**
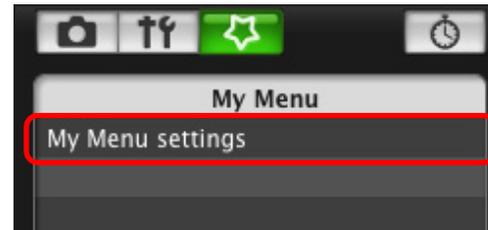
➜ The [My Menu settings] window appears.

## 5 Select the item to be registered and click the [Add] button.

**My Menu settings window**
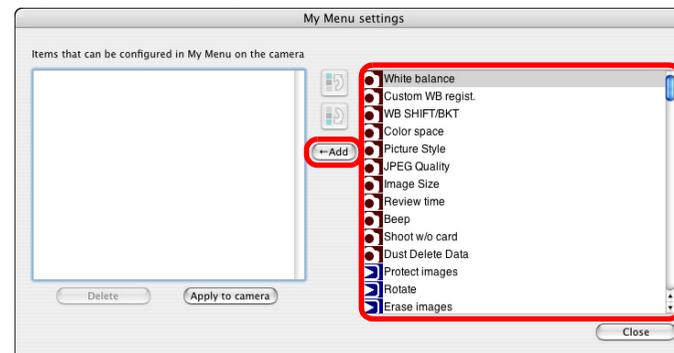
➜ The selected item is added to [Items that can be configured in My Menu on the camera] on the left side of the window.

● You can register up to six items with the above procedure.

● You can change the position of an item by selecting it and then clicking the [ 🔼 ] or [ 🔽 ] button to move it.

## 6 Click the [Apply to camera] button.

➜ The setting is applied to the camera.

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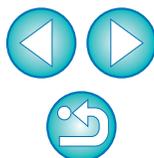
From EU you can control the camera remotely, and by viewing the subject in the EU window, you can set the camera and shoot. You can also shoot by directly operating your camera even during remote shooting, or preset a time allowing the camera to shoot automatically with timer shooting.

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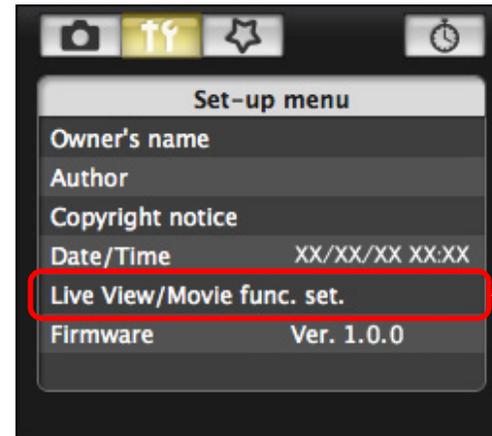# Remote Live View Shooting

You can control your camera remotely from EU and shoot still images from your computer screen.

Also, the shot image is saved directly on your computer and you can recheck it using linked Digital Photo Professional (hereinafter DPP).

This function is effective for shooting large numbers with fixed-framing such as for studio shooting.

**1 Connect your camera and computer, and then turn the camera's power switch to < ON >.**

→ EU starts up.
● Looking into the viewfinder of the camera, compose your picture and adjust the focus.

**2 Click [Camera settings/Remote shooting].**



→ The capture window appears.

**3 Set the camera and click the [ ⚙ ] button.**
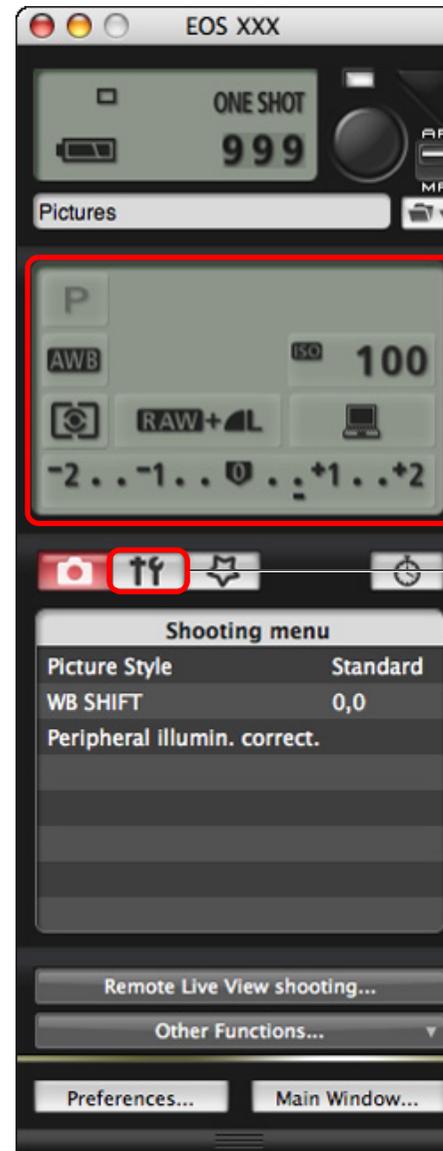


Double-click the setting item and select the setting

Click

● You can also use the functions of the [Shooting menu] (p.13).
● The settings that cannot be set in the capture window (drive mode, etc.) can be set by operating the camera.
→ The [Set-up menu] appears.

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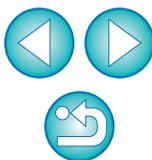
## 4 Set the Live View function.

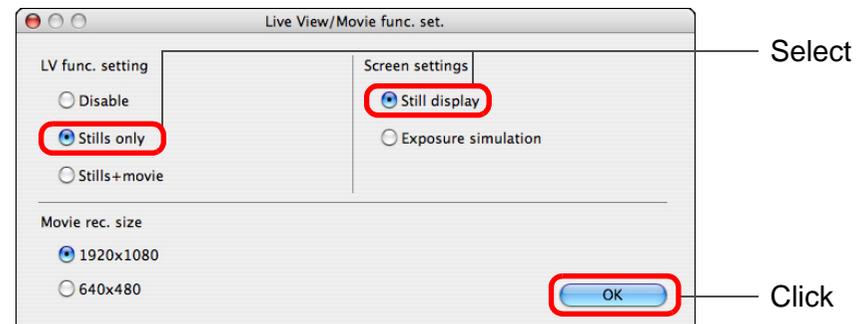● Click [Live View function settings], and click [Enable] in the [Live View shoot.] window that appears.

Click — Live View function settings

**Live View shoot. window**

Click — Enable
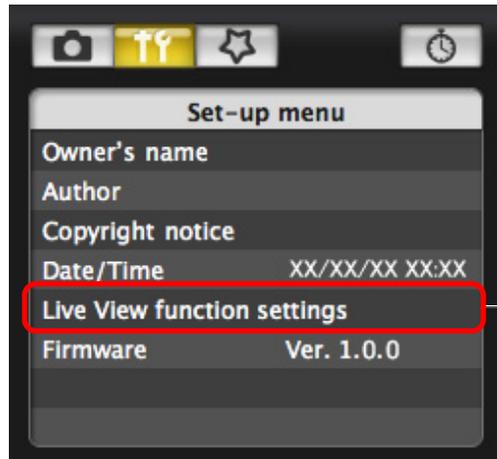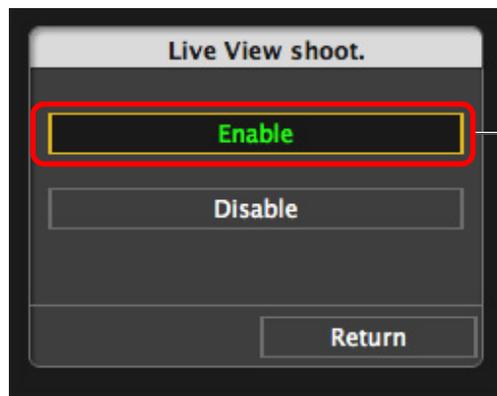
● On [5D Mk II], click [Live View/Movie func. set.], select [Stills only] and [Still display] in the [Live View/Movie func. set.] window that appears, and click the [OK] button.

Click — Live View/Movie func. set.

**Live View/Movie func. set. window**

Select — Still display

Click — OK

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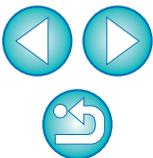
## 5 Click the [Remote Live View shooting] button.
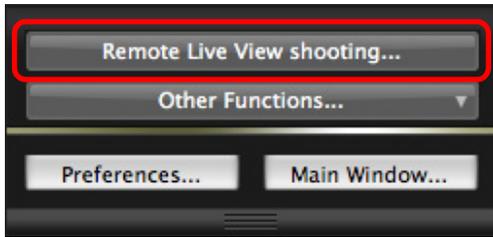


➜ The [Remote Live View window] appears.

**Remote Live View window**
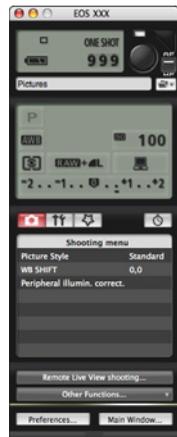


## 6 Click the [ ⬤ ] button to shoot.



➜ The shot image is transferred to your computer and displayed in the [Quick Preview] window. And then, DPP starts up automatically.

● You can quickly review the shot image in the [Quick Preview] window displayed before DPP starts up. You can also resize the [Quick Preview] window.

● You can show/hide the [Quick Preview] window by clicking the [Other Functions] button in the capture widow and selecting [Quick Preview] from the menu that appears.

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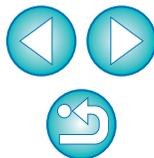
📓
- You cannot operate the camera when the [Remote Live View window] is displayed. Pressing the camera's < SET > button (Live View shooting button on ⬚5D Mk II⬚ ⬚50D⬚ ) will also display the Live View image on the camera's LCD monitor, allowing you to view the image while controlling the camera.
- You can shoot by operating the capture window, even if the [Remote Live View window] is not displayed.
- To perform exposure simulation (p.32) with [Remote Live View window] or enable display of histograms (p.56), set your camera's Custom Function [Live View exposure simulation] to [Enable]. On ⬚5D Mk II⬚ ⬚50D⬚ , [Exposure simulation] in the menu to [Enable].
- On ⬚5D Mk II⬚ ⬚50D⬚ , you can also use mirror lockup with remote shooting. (You cannot take test shots after setting mirror lockup.)
- You can save shot images to both your computer and a memory card (p.43).
- You can change the software that starts up automatically when remotely shot images are transferred to your computer from DPP to ImageBrowser or other software (p.43).
- For a list of the Remote Live View window functions, refer to p.56.
- For a list of the Zoom View Window functions, refer to p.57.

# Remote Live View Window Functions

These pages explain the functions available in the Remote Live View window, including checking the camera settings and focusing while viewing your subject on the computer screen.

## Focusing Manually

You can focus manually while viewing the enlarged image in the Remote Live View window.

**1** **Set the lens's focus mode switch to < AF >.**

**2** **Drag [⬚] to the section you want to enlarge.**
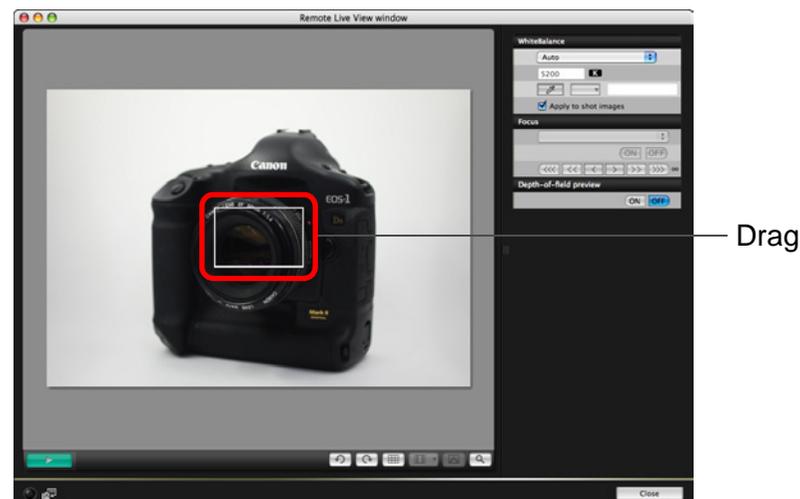


Drag

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## 3 Click the [ 🔍 ] button.



➡ The section you selected in step 1 is displayed enlarged at 100% (actual pixel size) in the [Zoom View] window.

**Zoom View Window**



- To move the display position in the [Zoom View] window, click either [ ◀ ], [ ▲ ], [ ▼ ], or [ ▶ ].
- You can checkmark [Maintain Zoom View] to maintain display of the [Zoom View] window.
- You can also double-click the section you want to enlarge in step 1 to display an enlarged view at 100% (actual pixel size) in the [Zoom View] window.
- Double-click an image in the [Zoom View] window to return to the [Remote Live View window].
- You can checkmark [200%] to view the section enlarged to 200%.

## 4 Adjust the focus.
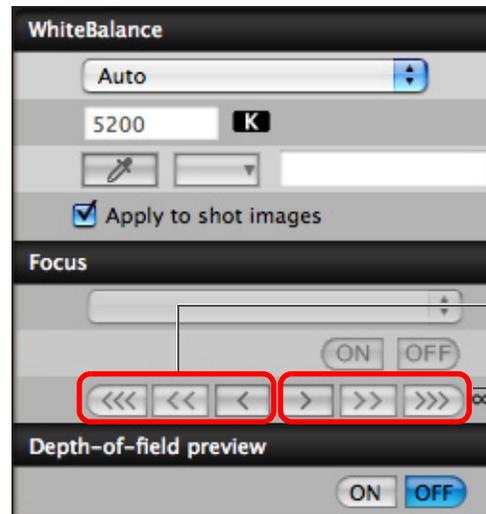


Closer

Further away

- [ ≪≪ ], [ ≫≫ ]: Adjustment Large amount
- [ ≪ ], [ ≫ ] : Adjustment Medium amount
- [ ‹ ], [ › ] : Adjustment Small amount
➡ The [Remote Live View window] changes in real time according to the focus position adjustment.

📝 You can also focus using a key operation on the keyboard.

| Adjustment | Closer | Further away |
|---|---|---|
| Large amount | < I > | < O > |
| Medium amount | < K > | < L > |
| Small amount | < , > | < . > |

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## Focusing Using AF

5D Mk II 50D
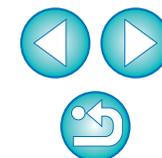
In Quick, Live and Live face detection AF modes, images can be focused automatically in the same way as on the camera itself.
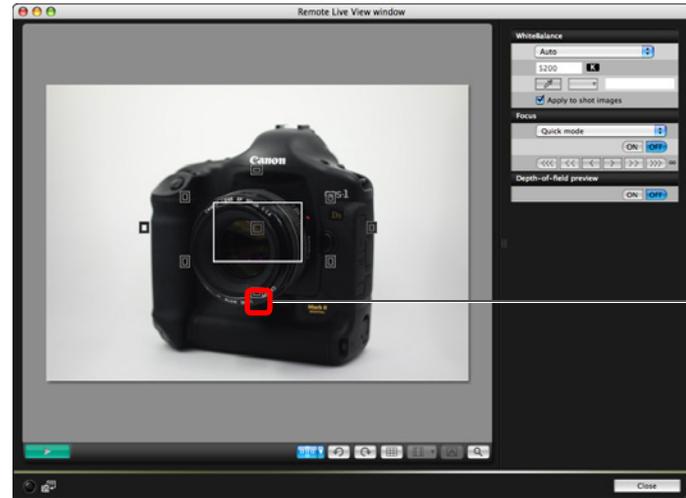
## Focusing Using Quick Mode
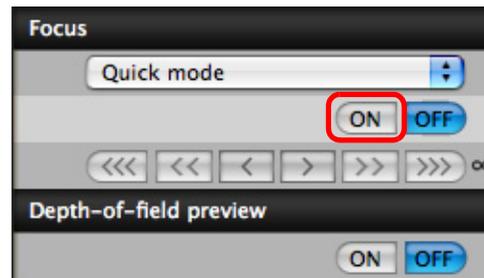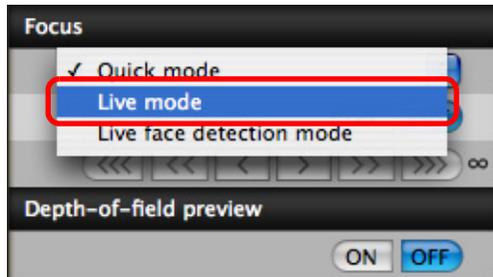
5D Mk II 50D

**1 Select [Quick mode] from the list box.**
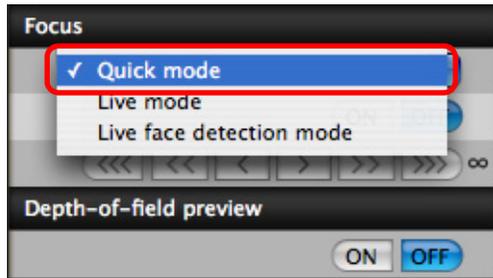
→ The AF points appear.
● You can switch between showing and hiding the AF points by clicking the [ ] button.

**2 Click the AF point in the position where you want to focus.**

Click

● You can switch between automatic AF point selection and manual AF point selection by clicking the [▼] in the [ ].
● In automatic selection, all the AF points are automatically selected.

**3 Click the [ON] button.**

→ AF is executed.
→ When focus is achieved, the camera makes a beeping sound and the AF point turns red.

● Double-clicking an AF point also performs AF.
● To cancel AF operation, click the [OFF] button.

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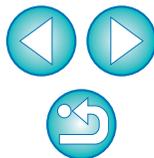
# Focusing Using Live Mode

📷 [5D Mk II] [50D]

## 1 Select [Live mode] from the list box.



➡ The AF point appears.

● You can switch between showing and hiding the AF point by clicking the [ 🔲 ] button.

## 2 Drag the enlargement display frame to move it to the position where you want to focus.



Drag

## 3 Click the [ON] button.



➡ AF is executed.

➡ When focus is achieved, the camera makes a beeping sound and the AF point turns green.

● If focus is not achieved, the AF point turns red.

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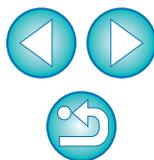
# Focusing Using Live Face Detection Mode

📷 5D Mk II | 50D

## 1 Select [Live face detection mode] from the list box.
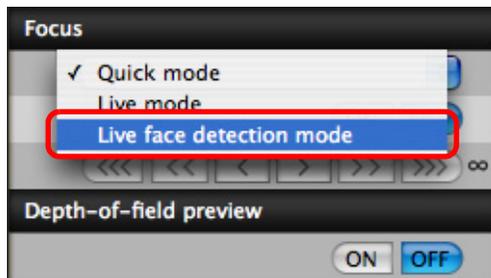


➔ When a face is detected, an AF point appears.
● When there is a face other than the face detected by the camera, a new AF point appears when you move the cursor to the position of the other face. Clicking that position then selects the AF point.
● You can switch between showing and hiding the AF point by clicking the [ ⊞▾ ] button.

## 2 Click the [ON] button.
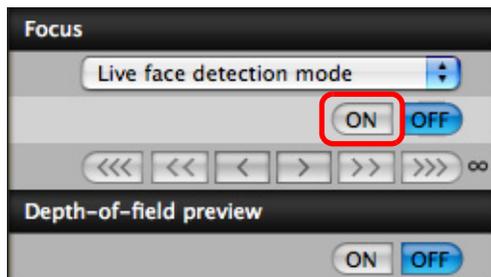


➔ AF is executed.
➔ When focus is achieved, the camera makes a beeping sound and the AF point turns green.
● If focus is not achieved, the AF point turns red.
● If the camera cannot detect a face, the AF point is fixed to the center to focus.

# Checking the Depth of Field and Exposure

You can check the depth of field and exposure in the Remote Live View window.

## Click the [ON] button.
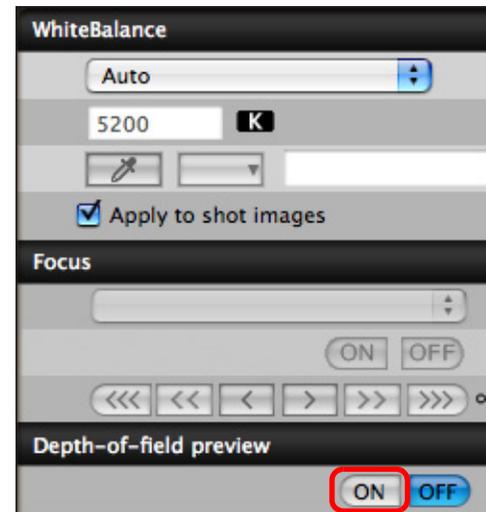


➔ The aperture value (exposure simulation) is set in the capture window (p.55).

32
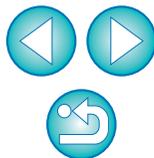
## White Balance with the Remote Live View Window
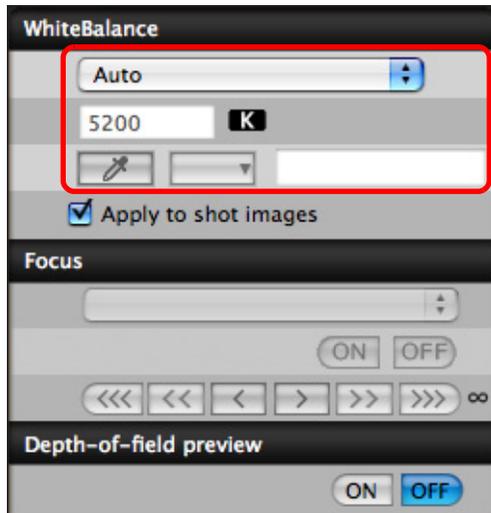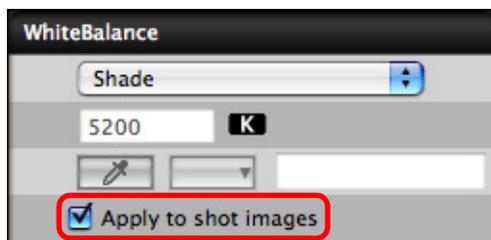
You can change the white balance of an image in the Remote Live View window and register the changed white balance in the camera.

### 1 Select the white balance to apply to the image.



➜ The selected white balance is applied to the image displayed in real time and you can check it in the [Remote Live View window].

### 2 Checkmark [Apply to shot images].



➜ The selected white balance is registered in the camera as a personal white balance and applied to images that will be taken.

## White Balance for Flash Photography

When taking flash shots where the subject is illuminated instantaneously, you can take a test shot under the same conditions as a actual shot, and adjust the white balance in the [Test shooting] window based on the shot test image.
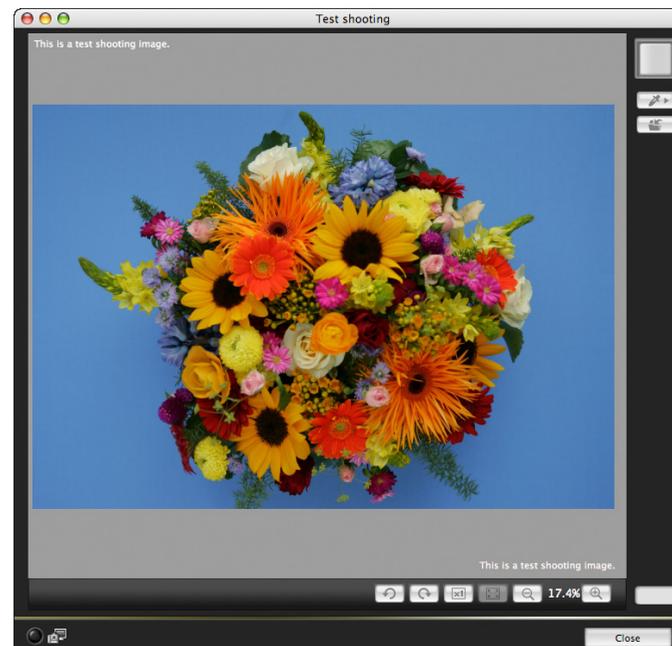Also, you can take a test shot even when flash is not used.

### 1 Click the [Other Functions] button and select [Test shooting] from the menu that appears.
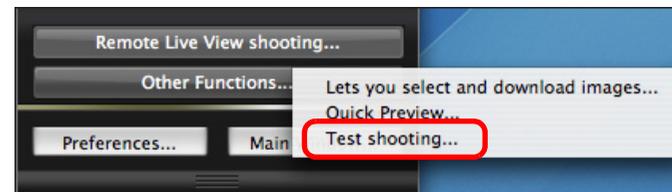


➜ The shot image is displayed in the [Test shooting] window.

**Test shooting window**

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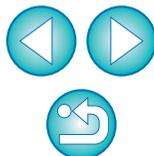
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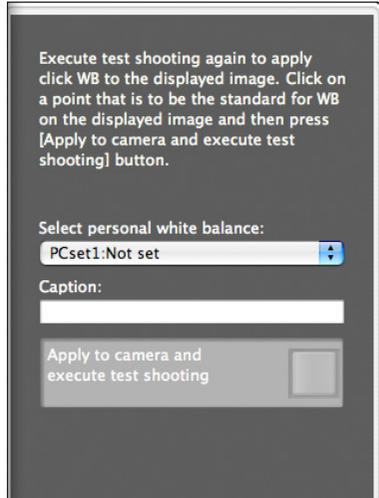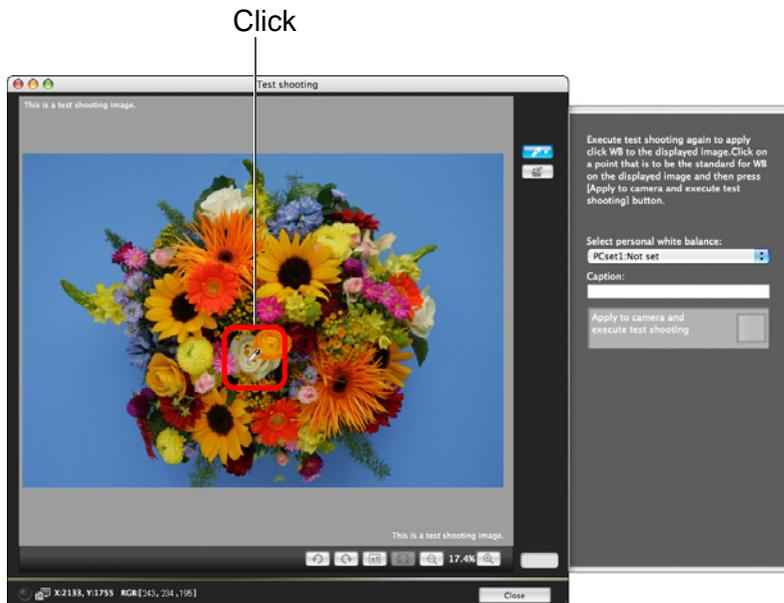
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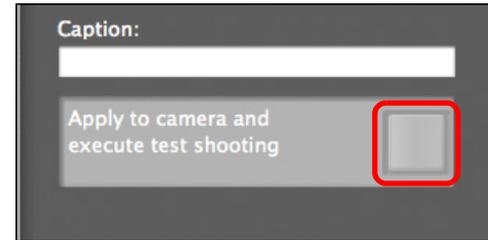## 2 Click the [ ✎▸ ] button.

➜ The click white balance window appears.

**Click white balance window**



Execute test shooting again to apply click WB to the displayed image. Click on a point that is to be the standard for WB on the displayed image and then press [Apply to camera and execute test shooting] button.

Select personal white balance:
PCset1:Not set

Caption:

Apply to camera and
execute test shooting

## 3 Click on a point that is to be the standard for white.

Click



## 4 Click the [Apply to camera and execute test shooting] button.



Caption:

Apply to camera and
execute test shooting

➜ A shot will be taken again using the part of the image in step 3 clicked as the standard for white and the shot image is displayed in the [Test shooting] window.

● The test image will not be saved. To save the test image, click the [ 📷 ] button.

● To close the [Test shooting] window, click the [Close] button.

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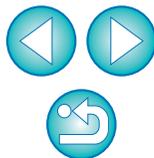**Contents at a Glance**

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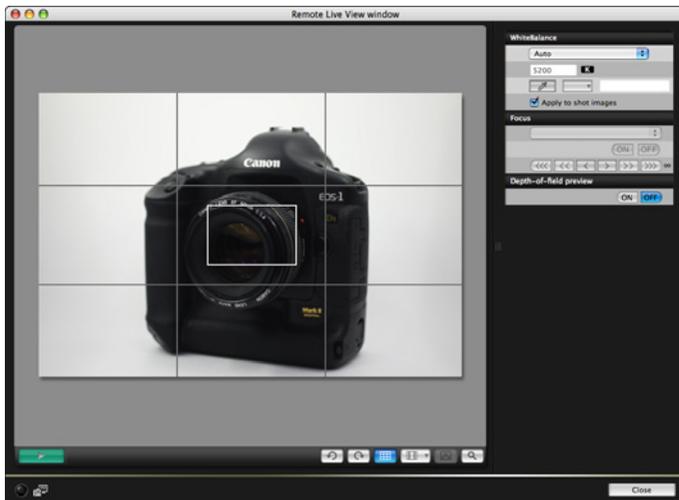
**Preferences**

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## Adjusting the Horizontal/Vertical Alignment of the Camera

You can display gridlines in the [Remote Live View window] in the same way as the camera's Live View function, and adjust the horizontal/vertical alignment of the camera.

**1** **Click the [ ▦ ] button.**



→ Gridlines are displayed in the [Remote Live View window].



**2** **Move the camera to adjust the horizontal/vertical alignment.**

● To remove the gridlines, click the [ ▦ ] button again.

## Changing the Aspect Ratio

📷 1Ds Mk III  1D Mk III

As with the camera's Live View function, it is possible to shoot with a feeling similar to film-type medium-format/large-format cameras such as 6 × 6 cm, 6 × 4.5 cm and 4 × 5 inches.
Aspect ratio information is also attached automatically with a shot image, and when viewing an image with DPP, is displayed as an image trimmed based on the aspect ratio information.
Further, aspect ratio information is only attached with a shot image, and the image itself is not actually trimmed.

**1** **Click the [ ▥▾ ] button and select the aspect ratio.**



→ In the [Remote Live View window], the vertical lines of the aspect ratio you selected is displayed.



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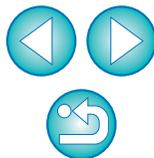
**2 Move the camera and compose your picture.**

● To revert the aspect ratio to the normal condition, click the [ ▢ ▾ ] button and select [Off].

# Shooting by Operating the Camera

Even when remote shooting is set, you can still operate the camera and shoot – as when shooting with only the camera. Also, since the shot images are saved to your computer's hard disk, you can shoot large quantities without having to worry about the capacity of the memory card.

**1 Display the capture window <span style="color:blue">(p.25)</span>.**

**2 Press the camera's shutter button and take a shot.**

→ The shot images are transferred to the computer, DPP starts up automatically, and the shot images are displayed.

When the [Remote Live View window] is displayed, press the camera's < SET > button (Live View shooting button on the 5D Mk II   50D ) to display the Live View image on the camera's LCD monitor and operate the camera.
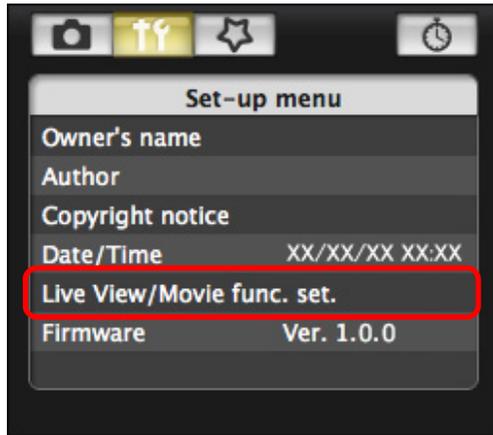
36
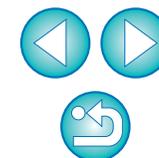
# Shooting Movies

📷 5D Mk II

You can control your camera from EU and shoot movies from your computer screen.
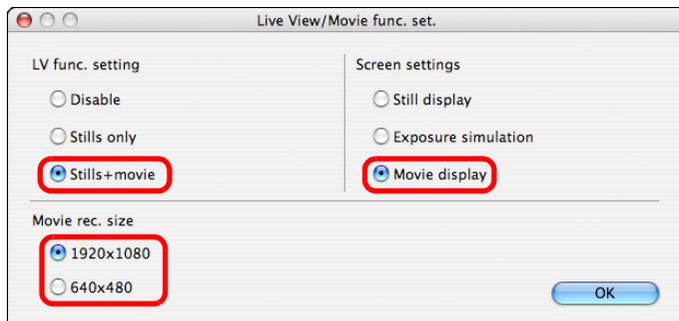
## 1 Get the camera ready for Live View shooting.

● Carry out step 1 to step 3 in "Remote Live View Shooting" (p.25).

## 2 Click [Live View/Movie func. set.].



➜ The [Live View/Movie func. set.] window appears.

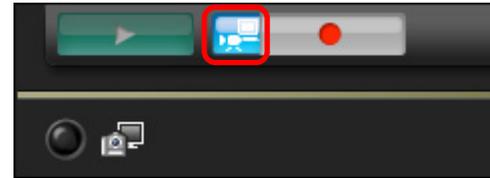## 3 Select [Stills+movie] and [Movie display], set the movie recording size.



## 4 Click the [OK] button.

➜ The [Live View/Movie func. set.] window closes, and the [Remote Live View window] appears.

## 5 Focus (p.28, p.30).

## 6 Click the [ 🎬 ] button at the bottom left of the [Remote Live View window].



## 7 Click the [ ● ] button and begin shooting.

➜ At the bottom left of the [Remote Live View window], a [ ● ] icon and the recording time are displayed.



Recording time
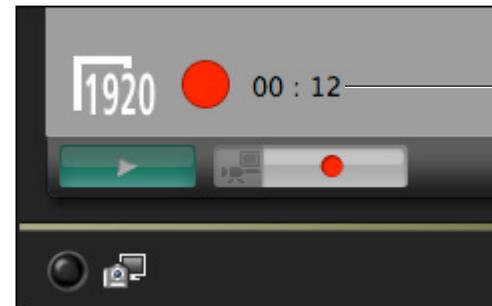
● Click the [ ● ] button again to end shooting.

⚠ ● The shot movie file is saved on the camera's memory card. To download the shot movie file to your computer, use the method described on p.6 to p.9 of this Instruction Manual.
● Also when operating the camera to shoot movies with Remote Live View shooting, click the [ 🎬 ] button before shooting.

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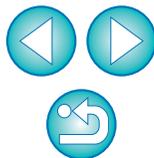
# Timer-controlled Shooting

Two types of timer shooting are available where the camera automatically takes shots at a specified time or a specified number.

## Timer Shooting

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

**1** **Display the capture window (p.25).**

**2** **Click the [ ⏱ ] button.**

➡ The [Timer shooting settings] dialog box appears.

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

● Enter a value between 0 seconds and 99 minutes and 59 seconds in one-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** **Display the capture window (p.25).**

**2** **Click the [ ⏱ ] button.**

➡ The [Timer shooting settings] dialog box appears.

**3** **Checkmark [Interval timer shooting].**

**4** **Enter the shooting interval and the number of shots.**

● Enter a value between 5 seconds and 99 minutes and 59 seconds in one-second increments.

● The minimum number of interval-timed shots is two. The number of shots you can take at timed intervals depends on the available space on your computer's hard disk.

**5** **Click the [Start] button.**

➡ The shots are taken at the specified intervals and for the specified number of shots.

⚠ On some types of computer, if you set a short interval between shots and there is insufficient time to transfer 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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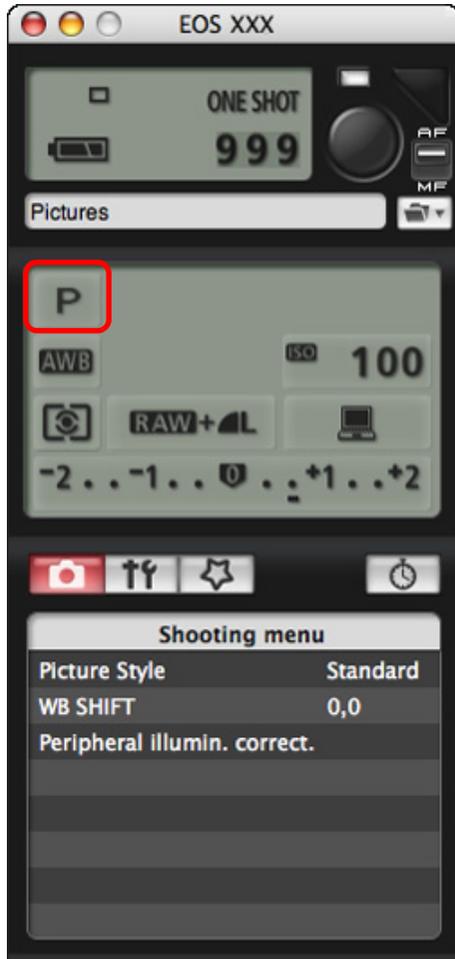Downloading Images
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## Bulb Exposures

### 1 Display the capture window (p.25).

### 2 Double-click the shooting mode icon and select [BULB].



- For cameras other than 1Ds Mk III 1D Mk III 5D Mk II , set the camera's Mode dial to < M > (Manual exposure). Then set the shutter speed to [BULB] in the capture window or on the camera.

### 3 Set the desired aperture.



### 4 Click the [ ⏱ ] button.

→ The [Timer shooting settings] dialog box appears.

### 5 Enter the exposure time and click the [Start] button.

- Enter a value between 5 seconds and 99 minutes and 59 seconds in one-second increments.

---

You can start/end bulb exposure without setting an exposure time by clicking the [ ● ] button.
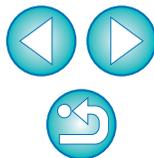
You can change each of the EU functions in the preferences window to make them easier to use.

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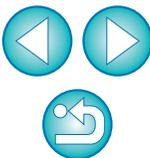Contents at
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# Preferences

## 1
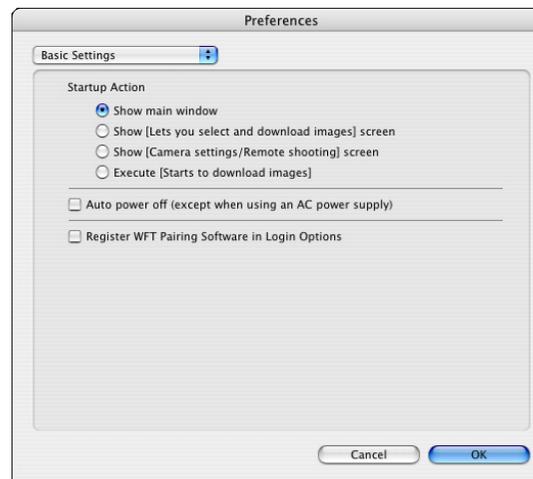**On the main window, click the [Preferences] button.**

➜ The [Preferences] dialog box appears.

## 2
**Specify the required settings and click the [OK] button.**

➜ The settings are applied to EU.

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## Basic Settings

You can specify the operation when EU starts up and whether the auto power off function is enabled or disabled.

```
                         Preferences
  Basic Settings

    Startup Action
       ● Show main window
       ○ Show [Lets you select and download images] screen
       ○ Show [Camera settings/Remote shooting] screen
       ○ Execute [Starts to download images]

       □ Auto power off (except when using an AC power supply)

       □ Register WFT Pairing Software in Login Options

                              Cancel        OK
```

- When [Show [Lets you select and download images] screen] is selected in [Startup Action], the viewer window (p.7) appears.
- When [Show [Camera settings/Remote shooting] screen] is selected in [Startup Action], the capture window (p.11) appears.
- When [Execute [Starts to download images]] is selected in [Startup Action], the [Save File] dialog box (p.6) appears and downloading to your computer begins. When all the images have been downloaded, DPP starts up automatically and the downloaded images are displayed in DPP's main window.
- If you checkmark [Auto power off], the camera's auto power off function is enabled. If you remove the check mark, the auto power off function remains disabled, even if you set the auto power off function on the camera (only when the camera is connected to a computer.).
- If you checkmark [Register WFT Pairing Software in Login Options], the WFT pairing software is added to the login items displayed when the [Accessories] tab sheet is selected in the main window.

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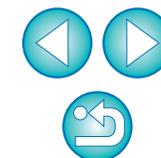
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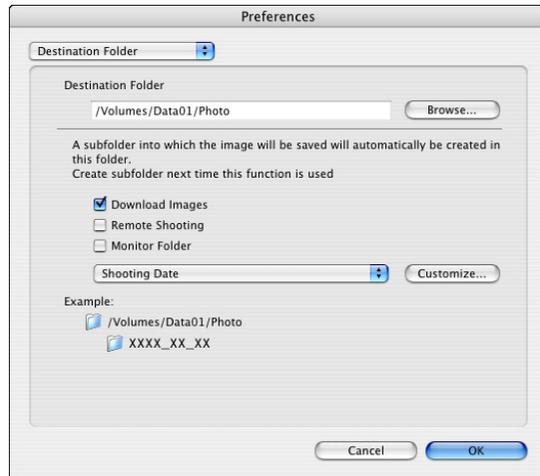
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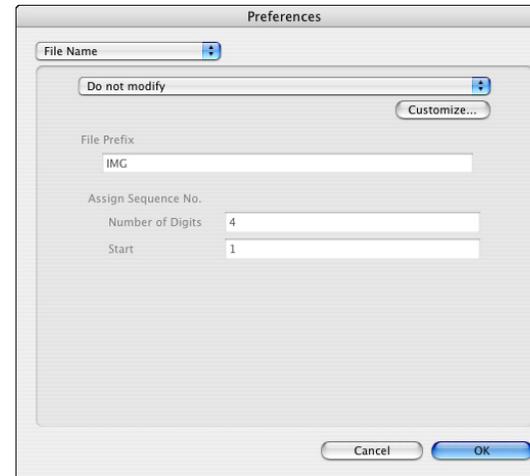# Destination Folder

You can specify the save destination folder of images downloaded from your camera or of images shot remotely.



# File Name

You can specify the file name of images downloaded from your camera or of images shot remotely.



● To specify a save destination folder, click the [Browse] button. After you click the [Browse] button and specify a save destination folder, a subfolder is created automatically below the save destination folder you specified.
● After you checkmark any of [Download Images], [Remote Shooting], or [Monitor Folder], a subfolder is generated when the checkmarked function is used.
● You can select the naming rule for a generated subfolder from the list box. You can also customize the naming rule for subfolders by clicking the [Customize] button.

● When specifying an image's file name, select a naming rule for the file from the list box. (If [Do not modify] is selected, images are saved with the file name set in the camera.) You can also customize the naming rule for files by clicking the [Customize] button.
● You can set prefix characters, number of digits for serial numbers, and the start number individually for file names.
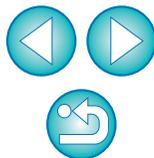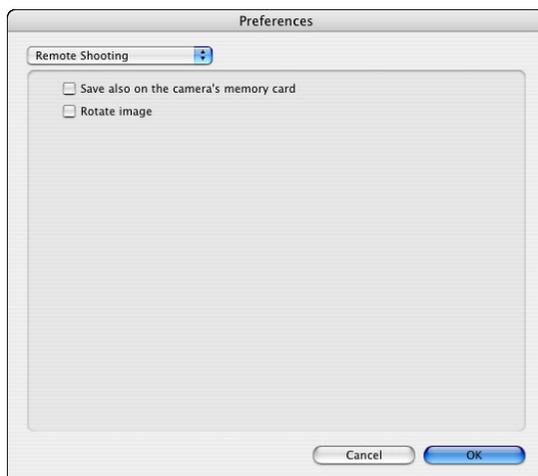
## Download Images

From the list box, you can select the images to be downloaded when [Starts to download images] in the main window is clicked.
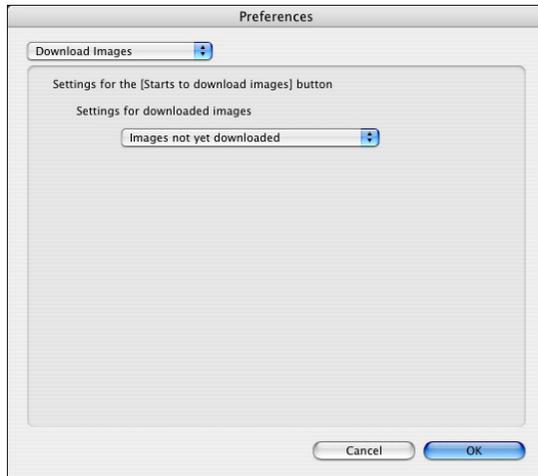


## Remote Shooting

You can also save remotely shot images to the memory card inserted in the camera, and regardless of the camera's position at the time the shot is taken, activate the function that rotates the shot image. Set the rotation angle in the capture window (p.55).
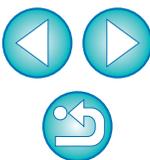


## Linked Software

From the list box, you can select the linked software that starts up when images are downloaded from the camera or when images are shot remotely. Also, you can register third-party software as linked software by clicking the [Apply] button.



---
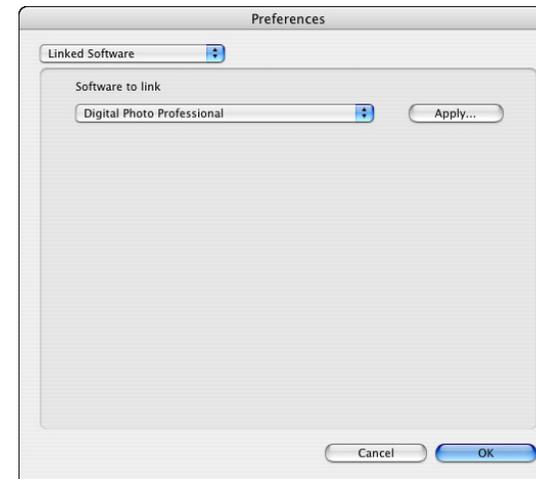
- When you have selected ImageBrowser, you can specify the operation for after images are downloaded.
- In the window displayed when you click the [Apply] button, you can specify the type of images to be posted when linked third-party software is started up.

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# Reference

This reference section has been provided to enhance your experience using EU.
It contains various troubleshooting solutions, how to delete EU from your computer and explanations of the various windows.
An index is provided at the end of the chapter for you to easily find information you are looking for.

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# Troubleshooting

If EU is not operating correctly, refer to the items below.

## Installation could not be completed correctly

● You cannot install software unless you are logged into an account with Administrator privileges. Log in again into an account with Administrator privileges.
For how to log in and how to specify Administrator settings, refer to the User's Manual for the Macintosh computer or for Mac OS X.

## EU does not start up

● If EU does not start up after following the instructions as explained, the software Preferences file may be corrupted. Quit all software, disconnect the interface cable from your computer, delete the Preferences file that is corrupted from the [Preferences] folder, and restart EU.
Delete the Preferences file below from the hard disk drive where the system is saved ▶ [Users] folder ▶ Folder of the logged in user ▶ [Library] folder ▶ [Preferences] folder.

| Preferences | Description |
|---|---|
| **com.canon.EOS Utility 2.plist** | EOS Utility Preferences file |

## EU and the camera are not communicating

● EU does not operate correctly on a computer if its system requirements does not meet. Use EU on a computer with compatible system requirements (p.2).

● Push the plug of the interface cable all the way into the socket. Loose connections can cause faults and malfunctions (p.5).

● Check that the camera's power switch is < ON > (p.5).

● EU and the camera may not communicate normally with a cable other than the EOS DIGITAL camera-dedicated Canon interface cable (p.5).

● Connect your camera and computer directly with the interface cable provided with your camera. Do not connect the camera via a hub; doing so may prevent EU and your camera from communicating normally.

● If you connect multiple USB devices (not including the mouse or keyboard) to your computer, the camera may not communicate normally. If the camera cannot communicate normally, disconnect USB devices other than the mouse or keyboard from your computer.

● Do not connect more than one camera to the same computer. Two or more cameras may not operate normally.

● If there is insufficient charge left in the camera battery, the camera cannot communicate with EU. Either replace with a fully charged battery or use the AC adaptor kit provided with your camera. Your computer does not supply power to the camera through the interface cable.

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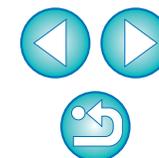
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## Communication between EU and the camera disconnected

● Operation of the auto power off function will automatically switch the camera off, disabling communication with EU, if you turn the auto power off function to [ON]. Remove the check mark from [Auto power off] in the [Basic Settings] window (p.41) of the preferences or set the auto power off function in the camera to [OFF].

● If you do not perform any operation while the camera and computer are connected, depending on the computer system, a confirmation message may appear on the screen asking whether you wish to continue communicating with the camera. If you do not perform an operation while this message appears, communication with your camera is discontinued and EU shuts down. In this case, turn the camera's power switch to < OFF >, then again to < ON > and start up EU.

● Do not put your computer to sleep while it is connected to the camera. If your computer goes into sleep mode, never disconnect the interface cable while your computer is still in sleep mode. Always wake your computer up while it is still connected to the camera. Depending on the type of computer, disconnecting the interface 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.

## Remotely shot images using EU do not display in DPP

● In Digital Photo Professional, select the [Tools] menu ▶ [Sync folder with EOS Utility].

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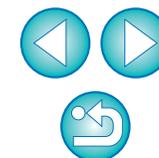
# Monitor Folder Function (Function for Use with the WFT-E2/E2A, E3/E3A or E4/E4A)

This is a function for checking your images with Digital Photo Professional (hereinafter DPP) in real time using the Wireless File Transmitter WFT-E2/E2A, E3/E3A or E4/E4A (sold separately).
For setting the WFT-E2/E2A, E3/E3A or E4/E4A, refer to the Instruction Manual provided with the WFT-E2/E2A, E3/E3A or E4/E4A .

## 1 Click [Monitor Folder].



➜ The [Monitor Folder] dialog box appears.

## 2 Click the [Browse] button and specify the save destination folder for shot images.
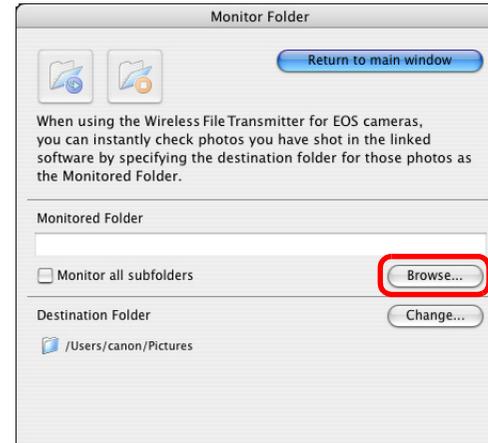


● You can specify the save destination folder for the shot images set in the WFT-E2/E2A, E3/E3A or E4/E4A.

## 3 Click the [Change] button and specify the transfer destination folder.



## 4 Click the [ 📁 ] button.

➜ Image transfer preparation is complete.

## 5 Take a shot.

➜ If images are saved in the folder specified in step 2, they are transferred/saved in the folder specified in step 3.

➜ DPP starts up and the images saved in the folder specified in step 3 are displayed.

⚠ You cannot specify the same folders in step 2 and step 3.

📝 You can change the software that starts up in step 5, from DPP to ImageBrowser or other software (p.43).
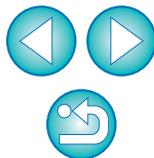
# Function for Use with the Accessories

If you have the Wireless File Transmitter WFT-E2/E2A, E3/E3A or E4/E4A (sold separately), you can start up the previously mentioned accessory software from EU. And you can also start up the Picture Style Editor (Picture Style file creating software).
For details on using each software, refer to the instruction manual for the software. For Picture Style files, refer to p.18.

**1** **Connect your camera and computer, and then start up EU** (p.5)**.**

**2** **Click the [Accessories] tab.**
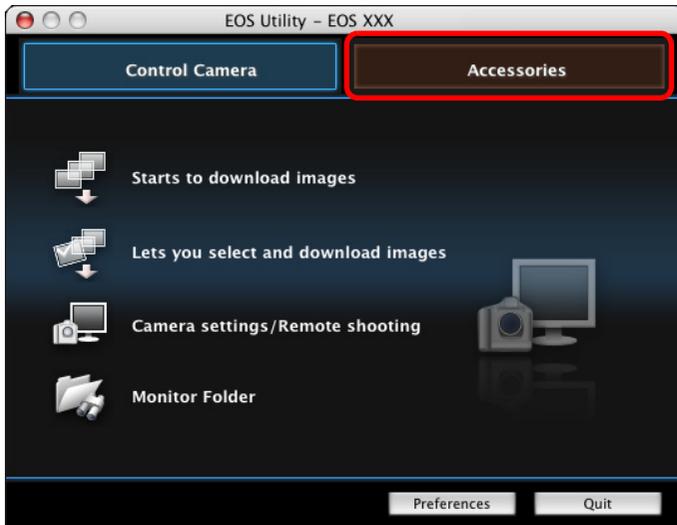


➡The [Accessories] tab sheet appears.

**3** **Click the software you want to start up.**



➡The clicked software starts up.

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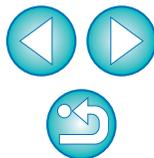
# Folder Structure and File Names in the Memory Card

Images shot with the camera are saved in the memory card's [DCIM] folder with the following folder structure and file names. Refer to the following when copying images to your computer using a card reader.

DCIM — xxxEOS1D or xxxCANON

| File name | Image type |
|-----------|-----------|
| ****YYYY.JPG | JPEG image |
| ****YYYY.CR2 | RAW image |
| ****YYYY.MOV | MOV movie |
| ****YYYY.WAV | Audio file |

- The camera specific character string set at the time of factory shipment or set in the camera appears in "****" of the file name.
- The "YYYY" in the file names represents a number between 0001 and 9999.

CANONMSC — Contains a file allowing the camera to manage the images in the [DCIM] folder.

- The "xxx" in the folder names represents a number between 100 and 999.
- For the 1D series cameras, the folder structure is the same for CF cards and SD cards.
- 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.

# Uninstalling the Software

- Before starting the software uninstallation, quit all programs you are using.
- To uninstall the software, log into the account used when installation was performed.
- When you have moved the folders and the software to be deleted to the Trash, select the [Finder] menu ▶ [Empty Trash] and empty the Trash. You cannot reinstall the software until you have emptied the Trash.

## 1 Display the folder in which the software is saved.

- Open the [Canon Utilities] folder.



## 2 Drag the [EOS Utility] folder to the Trash.

## 3 Select the [Finder] menu on the desktop ▶ [Empty Trash].

→ EU is uninstalled.

## 4 Restart your computer.

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When Adobe RGB is specified, the file names of images shot with your camera have an underscore "_" as the first character.

You cannot retrieve data that you have emptied into the Trash and deleted, so be particularly careful when deleting data.
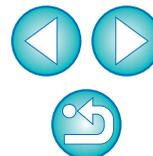
# Fixing the Plug to the Camera

📷 1Ds Mk III  1D Mk III

Fix the plug to the camera with the cable protector to prevent it from detaching during remote shooting.
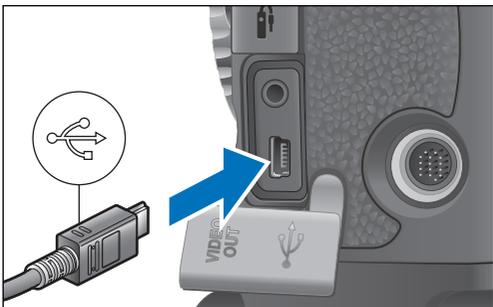
## 1 Remove the cap.
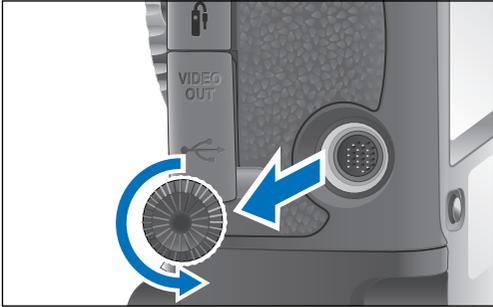
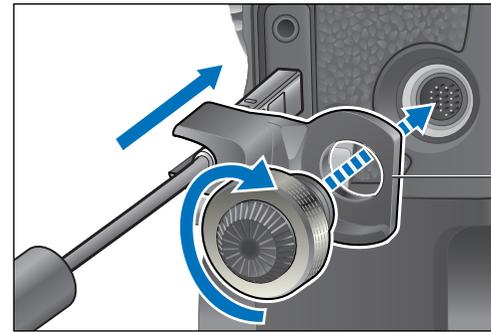

## 2 Attach the cap on the fixing screw.
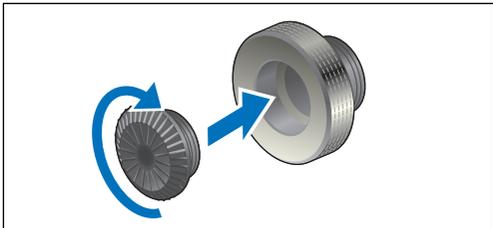


## 3 Connect the small plug of the cable into the < ⟷ > terminal on your camera.



● Connect the plug with the < ⟷ > mark facing the front of the camera.

## 4 Attach the cable protector and fix it with the fixing screw.



Cable protector

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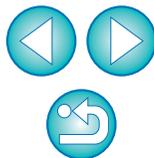
# List of Main Window Functions

**Control camera tab sheet**



Starts to download images — (p.6)

Lets you select and download images — (p.7, p.52)

Camera settings/Remote shooting — (p.25, p.55)

Monitor Folder — (p.47)

(p.41)    Quits EU (p.9)

**Accessories tab sheet**



WFT Utility — (p.48)

Picture Style Editor

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# List of Viewer Window Functions (p.7)

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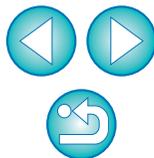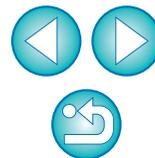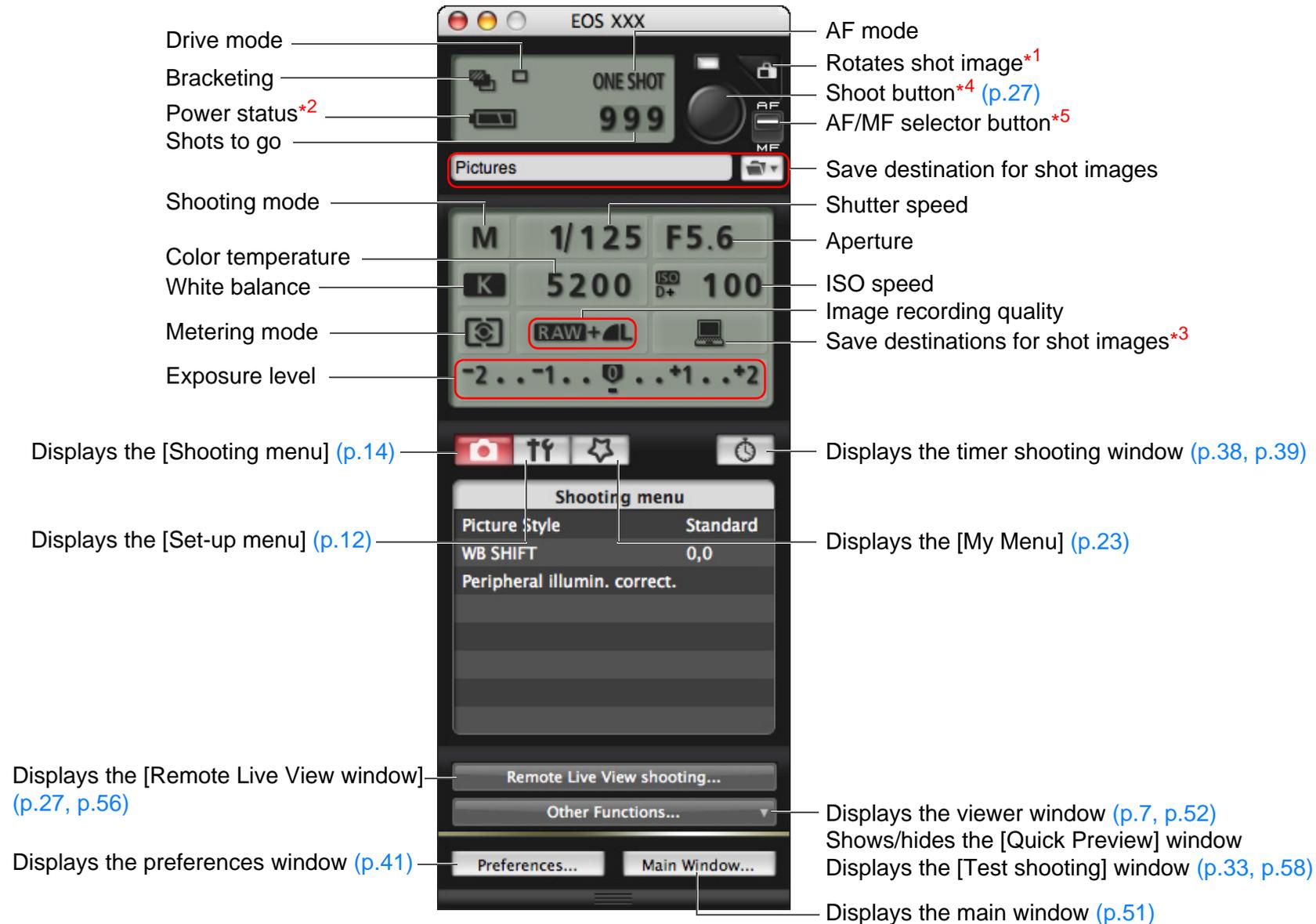Reference

Index
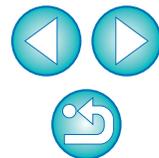
Switches the recording media

Movie icon

Bracketing icon

Images already transferred to computer icon

Selects the condition of the image

Recording media
folder hierarchy

RAW + JPEG
image icon

RAW image icon

sRAW + JPEG
image icon

Protect icon

Audio recording icon

Image display size

Displays the
capture window

Displays the quick preview window

Deletes the image

Check mark (p.7)

Downloads the images to the computer

Displays the main window

Displays the preferences window

Quits EU

EOS Utility – EOS X X X

Show only selected images

Invert selection

All
100EOS1D

100-0001
100-0002
100-0003
100-0004

100-0005
100-0006
100-0007
100-0008

100-0009
100-0010
100-0011
100-0012

Download...

Selects image 8 of 12

Large

Preferences...
Main Window...
Quit
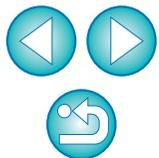
# List of Register Peripheral Illumination Correction Data Window Functions

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Displays all the categories

Lens category

**Register peripheral illumination correction data**

- Ultra wide and wide lenses
- Standard and medium telephoto lenses
- Telephoto lenses

Select a lens category

- Macro lenses
- Zoom lenses

☐ L lenses only

- ☐ EF-S10-22mm f/3.5-4.5 USM
- ☐ EF-S17-55mm f/2.8 IS USM
- ☑ EF-S17-85mm f/4-5.6 IS USM
- ☐ EF-S18-55mm f/3.5-5.6
- ☑ EF-S18-55mm f/3.5-5.6 IS
- ☑ EF-S18-55mm f/3.5-5.6 USM
- ☐ EF-S55-250mm f/4-5.6 IS
- ☐ EF-S60mm f/2.8 Macro USM

Extender  EF1.4X II  EF2X II

Show selected lenses only

Displays only the registered lenses

18/40

Cancel   OK

Displays lenses selected in [Select a lens category] by category

No. of lenses registered in the camera/No. of lenses that can be registered

# List of My Menu Settings Window Functions (p.22)

Switches My Menu position

My Menu settings

Items that can be configured in My Menu on the camera

- White balance
- Color space
- Picture Style
- Protect images

My Menu (up to 6 items)

←Add

Adds to My Menu

Applies My Menu to the camera

Delete    Apply to camera

Deletes from My Menu

White balance
**Custom WB regist.**
WB SHIFT/BKT
Color space
Picture Style
JPEG Quality
Image Size
Review time
Beep
Shoot w/o card
Dust Delete Data
Protect images
Rotate
Erase images

All items that can be applied to My Menu

Close

Closes My Menu settings window

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# List of Capture Window Functions

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Drive mode
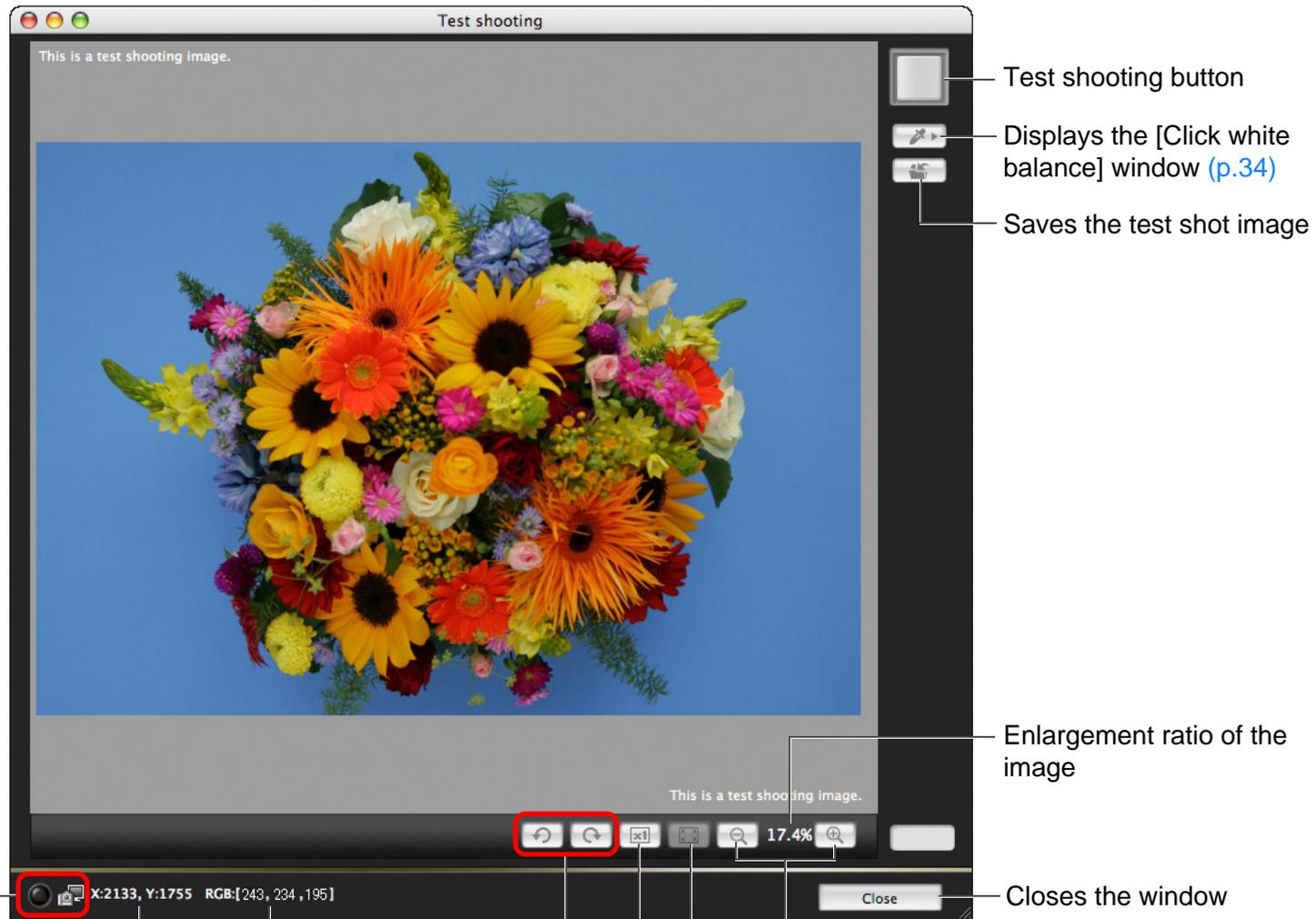
Bracketing

Power status*2

Shots to go

Shooting mode

Color temperature

White balance

Metering mode

Exposure level

AF mode

Rotates shot image*1

Shoot button*4 (p.27)

AF/MF selector button*5

Save destination for shot images

Shutter speed

Aperture

ISO speed

Image recording quality

Save destinations for shot images*3

Displays the [Shooting menu] (p.14)

Displays the [Set-up menu] (p.12)

Displays the timer shooting window (p.38, p.39)

Displays the [My Menu] (p.23)

**EOS XXX**

ONE SHOT

999

Pictures

M  1/125  F5.6

K  5200  ISO D+ 100

RAW+⊿L

-2..-1..0..+1..+2

**Shooting menu**

| Picture Style | Standard |
|---|---|
| WB SHIFT | 0,0 |
| Peripheral illumin. correct. | |

Remote Live View shooting...

Other Functions...

Preferences...    Main Window...

Displays the [Remote Live View window] (p.27, p.56)

Displays the preferences window (p.41)

Displays the viewer window (p.7, p.52)
Shows/hides the [Quick Preview] window
Displays the [Test shooting] window (p.33, p.58)

Displays the main window (p.51)

*1 Each time you click the button, the shot image rotates 90 degrees. To make this function available, checkmark [Rotate image] in the [Remote Shooting] window (p.43) in preferences.
*2 When using the battery, the charge level is displayed.
*3 You can select whether the save destination for shot images is only the computer or both the computer and the memory card inserted in the camera.

*4 On [5D Mk II] [50D], when the AF/MF selector button is set to [AF], AF/AE is performed when the cursor is moved to the Shoot button.
*5 Displayed only on [5D Mk II] [50D]. Even when it is set to [MF], "AF" appears in the shooting information for the shot image. Setting < A-DEP > as the camera's shooting mode disables this button.

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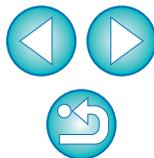
# List of Remote Live View Window Functions (p.25)

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Enlargement display frame

Sets the color temperature

**Controllers 1**

Selects the white balance (p.33)

Click white balance

AF mode (p.30 to p.32)

Lens drive (p.29)

Checks the depth of field (p.32)

Shows/hides the controllers 1

AF point

Recording time

Recording in progress icon

Movie recording size

Starts/ends Remote Live View functions

**Controllers 2**

Closes the window

Displays the capture window (p.55)

Shows/hides the AF points

Rotates the image

Shows/hides the gridlines (p.35)

Sets the aspect ratio (p.35)

Shows/hides the histogram

Displays the Zoom View Window (p.29, p.57)

Recording standby

Starts/stops recording

# List of Zoom View Window Functions (p.28)

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Moves the display position

Sets the color temperature

**Controllers 1**

Zoom View

WhiteBalance

Auto

5200  K

Apply to shot images

Focus

ON  OFF

Depth-of-field preview

ON  OFF

Display Mode

Maintain Zoom View

200%

Selects the white balance (p.33)

Click white balance

AF mode (p.30 to p.32)

Lens drive (p.29)

Checks the depth of field (p.32)

Display mode*

Maintains display of the Zoom View window

Shows/hides the controllers 1

Moves the display position

Moves the display position

**Controllers 2**

Close — Closes the window

Starts/ends Remote Live View functions

Displays the capture window (p.55)

Rotates the image

Returns to the Remote Live View window

Moves the display position

\* Clicking the [ ] button switches to a quality suited to focusing while viewing on your camera's LCD monitor; clicking the [ ] button switches to a quality suited to focusing while viewing on your computer.
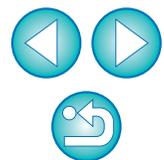
# List of Test Shooting Window Functions (p.33)

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Test shooting button

Displays the [Click white balance] window (p.34)

Saves the test shot image

Enlargement ratio of the image

Closes the window

Displays the capture window

RGB values*

Coordinates*

Rotates the image

100% (actual pixel size) view

Fit-to-window view

Enlargement/reduction of the image

\* Only displayed when the [Click white balance] window is displayed (p.34) and the cursor is moved to over the point to be the standard for white for the image.

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