



To rotate an image, set [**1: Auto rotate**] to [**On** ]. If [**1: Auto rotate**] is set to [**On** ] or [**Off**], the [**Rotate image**] setting will be recorded to the image, but the camera will not rotate the image for display.



- Pressing the <[Q]> button during the index display will switch to the single-image display and the Quick Control screen will appear. Pressing the <[Q]> button again will return to the index display.
- For images taken with another camera, the options you can select may be restricted.



Enjoying Movies

You can play back movies in the following three ways:

Playback on a TV Set (p.312-315)



Use the HDMI cable HTC-100 (sold separately) or stereo AV cable AVC-DC400ST (sold separately) to connect the camera to a TV set. Then you can play back captured movies and still photos on the TV set.

If you have a High-Definition TV set and connect your camera with an HDMI cable, you can watch Full High-Definition (Full HD: 1920x1080) and High-Definition (HD: 1280x720) movies with higher image quality.



- Since hard disk recorders do not have an HDMI IN terminal, the camera cannot be connected to a hard disk recorder with an HDMI cable.
- Even if the camera is connected to a hard disk recorder with a USB cable, movies and still photos cannot be played back or saved.
- If the playback device is not compatible with MP4 files, the movie cannot be played back.

Playback on the Camera's LCD Monitor (p.304-311)



You can play back movies on the camera's LCD monitor. You can also edit out the movie's first and last scenes, and play back the still photos and movies on the card in an automatic slide show.



- A movie edited with a computer cannot be rewritten to the card or played back with the camera.

Playback and Editing with a Computer



To play back or edit a movie, use pre-installed or general-purpose software, compatible with the movie's recording format.



If you want to play back or edit a movie with commercially-available software, use software compatible with MP4-format movies. For details on commercially-available software, contact the software manufacturer.

Playing Back Movies



1 Play back the image.

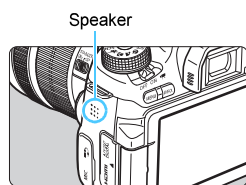
- Press the  button to display an image.

2 Select a movie.

- Turn the  dial to select the movie to be played back.
- In the single-image display, the  icon displayed on the upper left of the screen indicates a movie. If the movie is a video snapshot,  will be displayed.
- In the index display, perforations at the left edge of a thumbnail indicate a movie. **As movies cannot be played back from the index display, press  to switch to the single-image display.**

3 In the single-image display, press .

- The movie playback panel will appear at the bottom of the screen.



4 Play back the movie.

- Select  (Play), then press .
- The movie will start playing back.
- You can pause the movie playback by pressing .
- You can adjust the sound volume by turning the  dial even during movie playback.
- For more details on the playback procedure, see the next page.

 The camera may not be able to play back movies shot with another camera.

Movie Playback Panel

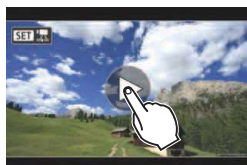
Operation	Playback Description
 Play	Pressing <⏮> toggles between play and stop.
 Slow motion	Adjust the slow motion speed by pressing the <⏮> <⏭> keys. The slow motion speed is indicated on the upper right of the screen.
 First frame	Displays the movie's first frame.
 Previous frame	Each time you press <⏮>, the previous frame is displayed. If you hold down <⏮>, it will rewind the movie.
 Next frame	Each time you press <⏭>, the movie will play frame-by-frame. If you hold down <⏭>, it will fast forward the movie.
 Last frame	Displays the movie's last frame.
 Background music*	Plays back a movie with the selected background music (p.311).
 Edit	Displays the editing screen (p.306).
	Playback position
mm' ss"	Playback time (minutes:seconds)
 Volume	Turn the <⏮> dial to adjust the volume of the built-in speaker (p.304).
 MENU	Press the <MENU> button to return to the single-image display.

* When background music is set, the movie sound will not be played back.

- With a fully-charged Battery Pack LP-E17, the continuous playback time at room temperature (23°C / 73°F) is approx. 2 hr. 20 min.
- If you connect the camera to a TV set to play back a movie (p.312, 315), adjust the sound volume with the TV set. (Turning the  dial will not change the sound volume.)
- If you take a still photo while you are shooting the movie, the still photo will be displayed for approx. 1 sec. during the movie playback.

✂ Editing a Movie's First and Last Scenes

Playback with the Touch Screen



Tap [▶] on the center of the screen.

- ▶ The movie will start playing back.
- To display the movie playback panel, tap <SET [▶]> on the upper left of the screen.
- To pause the movie while it is playing back, tap on the screen. The movie playback panel will also appear.

✂ Editing a Movie's First and Last Scenes

You can edit out the first and last scenes of a movie in approx. 1-sec. increments.



1 On the movie playback screen, select [✂].

- ▶ The movie editing panel will be displayed at the bottom of the screen.



2 Specify the part to be edited out.

- Select either [⏮] (Cut beginning) or [⏭] (Cut end), then press <SET>.
- Press the <◀> <▶> keys to see the previous or next frames. Holding down the key will fast forward or fast rewind the frames. Turn the <⌚> dial for frame-by-frame playback.
- After deciding which part to edit out, press <SET>. The portion highlighted in gray on the top of the screen will remain.



3 Check the edited movie.

- Select [▶] and press <Ⓢ> to play back the edited movie.
- To change the editing, go back to step 2.
- To cancel the editing, press the <MENU> button, then select [OK] on the confirmation dialog.



4 Save the edited movie.

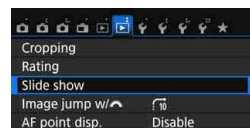
- Select [✓], then press <Ⓢ>.
- ▶ The save screen will appear.
- To save it as a new movie, select [New file]. To save it and overwrite the original movie file, select [Overwrite], then press <Ⓢ>.
- On the confirmation dialog, select [OK], then press <Ⓢ> to save the edited movie and return to the movie playback screen.



- Since the editing is performed in approx. 1-sec. increments (position indicated by [✂] on the top of the screen), the actual position where the movie is edited may differ from the position you specified.
- If the card does not have enough free space, [New file] will not be available.
- When the battery level is low, movie editing is not possible. Use a fully-charged battery.

MENU Slide Show (Auto Playback)

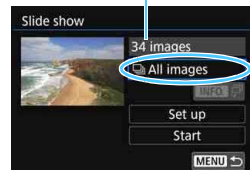
You can play back the images on the card as an automatic slide show.



1 Select [Slide show].

- Under the []2 tab, select [Slide show], then press <SET>.

Number of images to be played back



2 Select the images to be played back.

- Press the <▲> <▼> keys to select the desired option, then press <SET>.

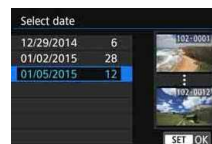
All images/Movies/Stills

- Press the <▲> <▼> keys to select one of the following: [All images] [Movies] [Stills]. Then press <SET>.

Date/Folder/Rating

- Press the <▲> <▼> keys to select one of the following: [Date] [Folder] [Rating].
- When <INFO> is highlighted, press the <INFO> button.
- Press the <▲> <▼> keys to select an option, then press <SET>.

[Date]



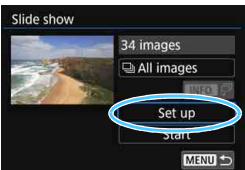
[Folder]



[Rating]



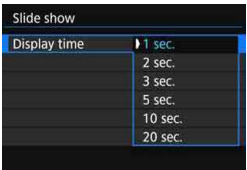
Item	Playback Description
All images	All the still photos and movies on the card will be played back.
Date	Still photos and movies taken on the selected shooting date will be played back.
Folder	Still photos and movies in the selected folder will be played back.
Movies	Only the movies on the card will be played back.
Stills	Only the still photos on the card will be played back.
Rating	Only the still photos and movies with the selected rating will be played back.



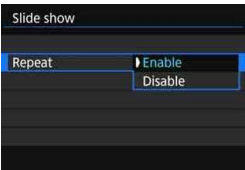
3 Configure [Set up] as desired.

- Press the <▲> <▼> keys to select [Set up], then press <SET>.
- Set the [Display time], [Repeat] (repeated playback), [Transition effect] (effect when changing images), and [Background music] for the still photos.
- The background music selection procedure is explained on page 311.
- After selecting the settings, press the <MENU> button.

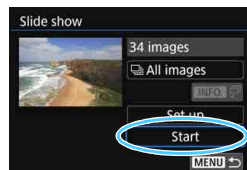
[Display time]



[Repeat]



MENU Slide Show (Auto Playback)



4 Start the slide show.

- Press the <▲><▼> keys to select [Start], then press <SET>.
- ▶ After [Loading image...] is displayed, the slide show will start.

5 Exit the slide show.

- To exit the slide show and return to the setting screen, press the <MENU> button.

- To pause the slide show, press <⏸>. During pause, [III] will be displayed on the upper left of the image. Press <⏸> again to resume the slide show. You can also pause the slide show by tapping on the screen.
- During auto playback, you can press the <INFO.> button to change the still photo display format (p.107).
- During movie playback, you can adjust the sound volume by turning the <🔊> dial.
- During auto playback or pause, you can turn the <🔄> dial to view another image.
- During auto playback, auto power off will not take effect.
- The display time may vary depending on the image.
- To view the slide show on a TV set, see page 312.

Selecting the Background Music

After you use EOS Utility (EOS software) to copy background music to the card, you can play background music together with the slide show.



- 1 Select [Background music].**
 - Set [Background music] to [On], then press **<SET>**.
 - If the card has no background music, you cannot perform step 2.
- 2 Select the background music.**
 - Press the **<▲>** **<▼>** keys to select the desired background music, then press **<SET>**. You can also select multiple background music tracks.
- 3 Play the background music.**
 - To listen to a sample of the background music, press the **<INFO.>** button.
 - Press the **<▲>** **<▼>** keys to play another background music track. To stop listening to the background music, press the **<INFO.>** button again.
 - Adjust the sound volume by turning the **<VOLUME>** dial.
 - To delete a background music track, press the **<▲>** **<▼>** keys and select the track, then press the **<DELETE>** button.

 At the time of purchase, the camera does not have background music. The procedure to copy background music to a card is explained in the EOS Utility Instruction Manual (p.422).

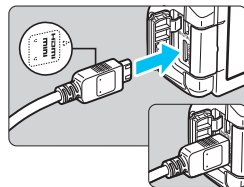
Viewing Images on a TV Set

You can view still photos and movies on a TV set.

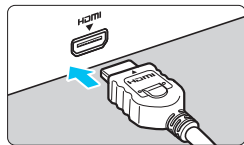
- If the video system format does not match the TV set's, movies will not be displayed properly. In such a case, switch to the proper video system format with [**3**: Video system].
- If [**1**: Wi-Fi/NFC] is set to [Enable], the camera cannot be connected to a TV set. Set [Wi-Fi/NFC] to [Disable], then reconnect the camera to the TV set with an HDMI cable or stereo AV cable.

Viewing on High-Definition (HD) TV Sets (Connected with HDMI)

HDMI Cable HTC-100 (sold separately) is required.

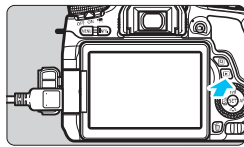


- 1 Connect the HDMI cable to the camera.**
 - With the plug's <▲ HDMI MINI> logo facing the front of the camera, insert it into the <HDMI OUT> terminal.



- 2 Connect the HDMI cable to the TV set.**
 - Connect the HDMI cable to the TV set's HDMI IN port.
- 3 Turn on the TV set and switch the TV set's video input to select the connected port.**
- 4 Set the camera's power switch to <ON>.**

- Adjust movie sound volume with the TV set. The sound volume cannot be adjusted with the camera.
- Before connecting or disconnecting the cable between the camera and TV set, turn off the camera and TV set.
- Depending on the TV set, part of the image displayed may be cut off.



5 Press the <▶> button.

- ▶ The image will appear on the TV screen. (Nothing will be displayed on the camera's LCD monitor.)
- The images will automatically be displayed at the optimum resolution of the TV set.
- By pressing the <INFO.> button, you can change the display format.
- To play back movies, see page 304.



The images cannot be output at the same time from both the <HDMI OUT> and <A/V OUT> terminals.

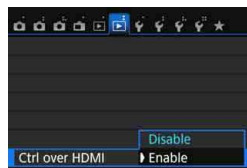


- Do not connect any other device's output to the camera's <HDMI OUT> terminal. Doing so may cause a malfunction.
- Certain TV sets may not be able to display the captured movies. In such a case, use the stereo AV cable AVC-DC400ST (sold separately) to connect to the TV set.

Using HDMI CEC TV Sets

If the TV set connected to the camera with an HDMI cable is compatible with HDMI CEC*, you can use the TV set's remote control for playback operations.

* An HDMI-standard function enabling HDMI devices to control each other so that you can control them with one remote control unit.



1 Set [Ctrl over HDMI] to [Enable].

- Under the [▶2] tab, select [Ctrl over HDMI], then press <SET>.
- Select [Enable], then press <SET>.

2 Connect the camera to a TV set.

- Use an HDMI cable to connect the camera to the TV set.
- ▶ The TV set's input will switch automatically to the HDMI port connected to the camera. If it does not switch automatically, use the TV set's remote control to select the HDMI IN port the cable is connected to.

3 Press the camera's <▶> button.

- ▶ An image will appear on the TV screen and you can use the TV set's remote control to play back images.

4 Select an image.

- Point the remote control toward the TV set and press the ←/→ button to select an image.

Still photo playback menu 5 Press the remote control's Enter button.**Movie playback menu**

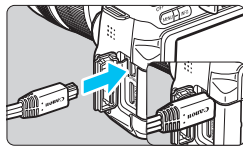
- ↩ : Return
- ⌂ : 9-image index
- 🎬 : Play movie
- 🔄 : Slide show
- INFO. : Display shooting info
- 📐 : Rotate

- ▶ The menu appears and you can perform the playback operations shown on the left.
- Press the ←/→ button to select the desired option, then press the Enter button. For a slide show, press the remote control's ↑/↓ button to select an option, then press the Enter button.
- If you select [Return] and press the Enter button, the menu will disappear and you can use the ←/→ button to select an image.

- Some TV sets require you to first enable the HDMI CEC connection. For details, refer to the TV set's instruction manual.
- Certain TV sets, even those compatible with HDMI CEC, may not operate properly. In such a case, set [▶2: Ctrl over HDMI] to [Disable], and use the camera to control the playback operation.

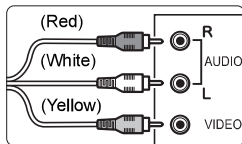
Viewing on Non-HD TV Sets (Connected with AV Cable)

Stereo AV Cable AVC-DC400ST (sold separately) is required.



1 Connect the AV cable to the camera.

- With the plug's <Canon> logo facing the back of the camera, insert it into the <A/V OUT> terminal.

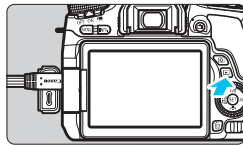


2 Connect the AV cable to the TV set.

- Connect the AV cable to the TV set's video IN terminal and audio IN terminals.

3 Turn on the TV set and switch the TV's video input to select the connected port.

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



5 Press the <▶> button.

- ▶ The image will appear on the TV screen. (Nothing will be displayed on the camera's LCD monitor.)
- To play back movies, see page 304.

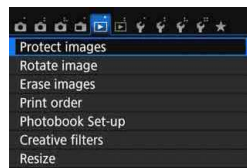


Do not use any AV cable other than the Stereo AV cable AVC-DC400ST (sold separately). Movies may not be displayed if you use a different cable.

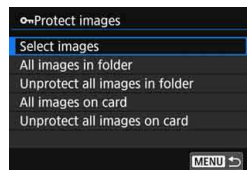
Protecting Images

You can set protections to prevent the precious images from being erased accidentally.

MENU Protecting a Single Image



- 1 **Select [Protect images].**
 - Under the [1] tab, select [Protect images], then press <SET>.



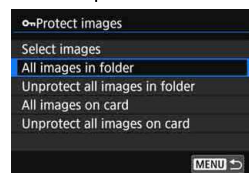
- 2 **Select [Select images].**
 - Select [Select images], then press <SET>.
 - ▶ An image will be displayed.



- 3 **Protect the image.**
 - Turn the <DISP> dial to select the image to be protected, then press <SET>.
 - ▶ The image will be protected, and the <Protect> icon will appear at the top of the screen.
 - To cancel the image protection, press <SET> again. The <Protect> icon will disappear.
 - To protect another image, repeat step 3.
 - To return to the menu, press the <MENU> button.

MENU Protecting All Images in a Folder or on a Card

You can protect all the images in a folder or on a card at once.



When you select **[All images in folder]** or **[All images on card]** in [1: **Protect images**], all the images in the folder or on the card will be protected. To cancel the image protection, select **[Unprotect all images in folder]** or **[Unprotect all images on card]**.

If you format the card (p.65), the protected images will also be erased.

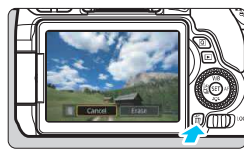
- Movies can also be protected.
- Once an image is protected, it cannot be erased by the camera's erase function. To erase a protected image, you must first cancel the protection.
- If you erase all the images (p.319), only the protected images will remain. This is convenient when you want to erase unnecessary images all at once.

Erasing Images

You can either select and erase unnecessary images one by one or erase them in one batch. Protected images (p.316) will not be erased.

- ⚠ **Once an image is erased, it cannot be recovered. Make sure you no longer need the image before erasing it. To prevent important images from being erased accidentally, protect them. Erasing a RAW+JPEG image will erase both the RAW and JPEG images.**

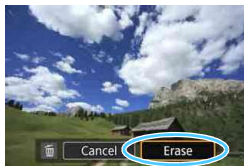
Erasing a Single Image



1 Play back the image to be erased.

2 Press the  button.

- ▶ The Erase menu will appear.

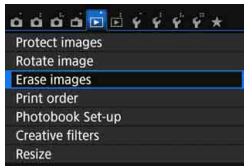


3 Erase the image.

- Select [Erase], then press . The image displayed will be erased.

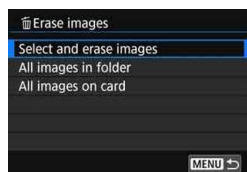
MENU Checkmarking <✓> Images to Be Erased in a Batch

By appending checkmarks <✓> to the images to be erased, you can erase multiple images at once.



1 Select [Erase images].

- Under the [1] tab, select [Erase images], then press .



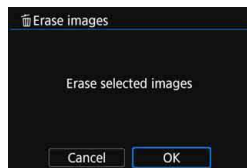
2 Select [Select and erase images].

- Select [Select and erase images], then press $\langle \text{SET} \rangle$.
- ▶ An image will be displayed.



3 Select the images to be erased.

- Turn the $\langle \text{DIAL} \rangle$ dial to select the image to be erased, then press $\langle \text{SET} \rangle$.
- ▶ A checkmark $\langle \checkmark \rangle$ will be displayed on the upper left of the screen.
- By pressing the $\langle \text{MULTI} \rangle$ button, you can select images from a three-image display. To return to the single-image display, press the $\langle \text{Q} \rangle$ button.
- To select other images to be erased, repeat step 3.



4 Erase the image.

- Press the $\langle \text{ERASE} \rangle$ button.
- Select [OK], then press $\langle \text{SET} \rangle$.
- ▶ The selected images will be erased.

MENU Erasing All Images in a Folder or on a Card

You can erase all the images in a folder or on a card at once. When [DIAL 1: Erase images] is set to [All images in folder] or [All images on card], all the images in the folder or on the card will be erased.



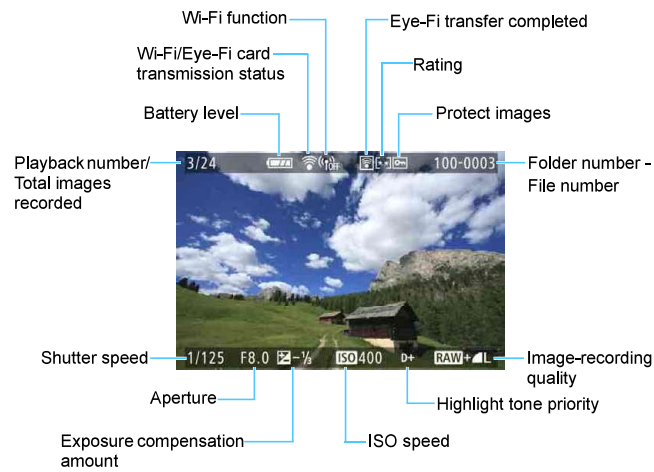
To erase all images including protected images, format the card (p.65).

INFO.: Shooting Information Display

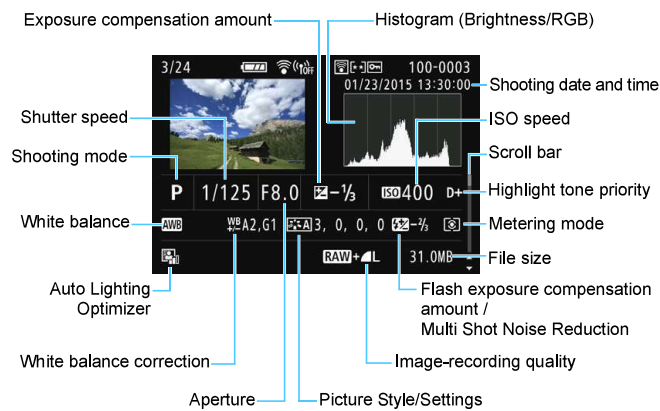
The information displayed varies depending on the shooting mode and settings.

Sample Information for Still Photos

- Basic information display



- **Shooting information display**
 - **Detailed information**

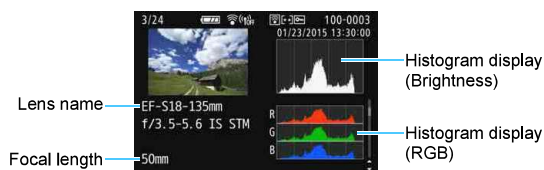


- * When you shoot in [RAW+ $\square$ L] image quality, the RAW file size will be displayed.
- * During flash photography without flash exposure compensation, < $\square$ > will be displayed.
- * < $\square$ > will be displayed for images shot with Multi Shot Noise Reduction.
- * For still photos taken during movie shooting, < $\square$ > will be displayed.
- * If a Creative filter or resizing is applied to the image and then saved, < $\square$ > will be displayed.
- * For cropped images, < $\square$ > and < $\square$ > will be displayed.

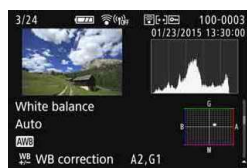
! If the image was taken by another camera, certain shooting information may not be displayed.

INFO.: Shooting Information Display

• Lens/Histogram information



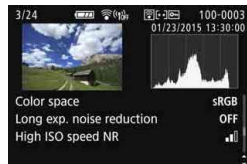
• White balance information



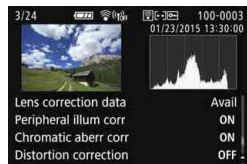
• Picture Style information



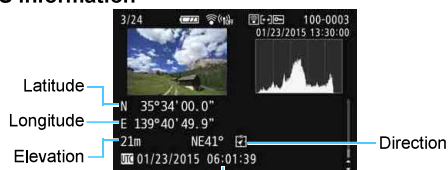
• Color space / Noise reduction information



• Lens aberration correction information

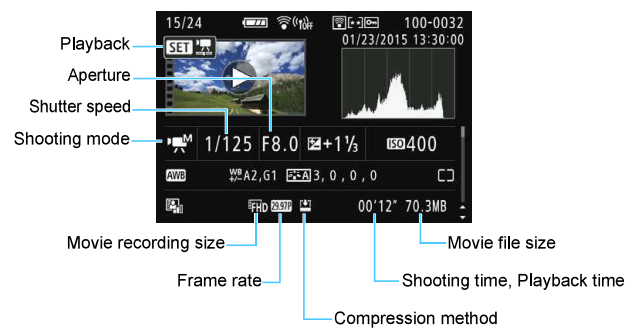


• GPS information



If GPS information was not recorded for the image, the GPS information screen will not be displayed.

Sample Movie Information Display



- * If manual exposure is used, the shutter speed, aperture, and ISO speed (when set manually) will be displayed.
- * The <[Snapshot Icon]> icon will be displayed for video snapshots.
- * The <[HDR Icon]> icon will be displayed for HDR movies.
- * The <[Miniature Icon]> icon will be displayed for Miniature effect movies.

● AF Point Display

When [**2: AF point disp.**] is set to [**Enable**], the AF point that has achieved focus will be displayed in red. If automatic AF point selection is set, multiple AF points may be displayed.

- **Highlight Alert**

When the shooting information is displayed, any overexposed areas of the image will blink. To obtain more image detail in the overexposed, blinking areas, set the exposure compensation to a negative amount and shoot again.

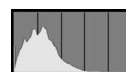
- **Histogram**

The brightness histogram shows the exposure level distribution and overall brightness. The RGB histogram is for checking the color saturation and gradation. The display can be switched with [] **2: Histogram disp.**

[Brightness] Display

This histogram is a graph showing the distribution of the image's brightness level. The horizontal axis indicates the brightness level (darker on the left and brighter on the right), while the vertical axis indicates how many pixels exist for each brightness level. The more pixels there are toward the left, the darker the image. The more pixels there are toward the right, the brighter the image. If there are too many pixels on the left, the shadow detail will be lost. If there are too many pixels on the right, the highlight detail will be lost. The gradation in-between will be reproduced. By checking the image and its brightness histogram, you can see the exposure level inclination and the overall gradation.

Sample Histograms



Dark image



Normal brightness



Bright image

[RGB] Display

This histogram is a graph showing the distribution of each primary color's brightness level in the image (RGB or red, green, and blue). The horizontal axis indicates the color's brightness level (darker on the left and brighter on the right), while the vertical axis indicates how many pixels exist for each color brightness level. The more pixels there are toward the left, the darker and less prominent the color. The more pixels there are toward the right, the brighter and denser the color. If there are too many pixels on the left, the respective color information will be lacking. If there are too many pixels on the right, the color will be too saturated with no gradation. By checking the image's RGB histogram, you can see the color's saturation and gradation condition, as well as white balance inclination.

11

Post-Processing Images

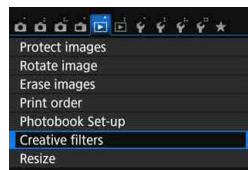
After taking a picture, you can apply a Creative filter, resize the JPEG image (reduce the number of pixels), or crop the image.



- The camera may not be able to process images taken with another camera.
- Post-processing images as described in this chapter cannot be performed when the camera is connected to a computer via the <DIGITAL> terminal.

Applying Creative Filters

You can apply the following Creative filters to an image and save it as a new image: Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, and Miniature effect.



- 1 **Select [Creative filters].**
 - Under the [1] tab, select [Creative filters], then press <SET>.
 - ▶ An image will be displayed.



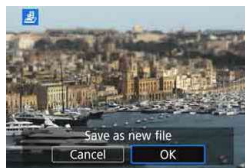
- 2 **Select an image.**
 - Select the image you want to apply a filter to.
 - By pressing the <Q> button, you can switch to the index display and select an image.



- 3 **Select a filter.**
 - When you press <SET>, the types of Creative filters will be displayed (p.327).
 - Press the <◀> <▶> keys to select a filter, then press <SET>.
 - ▶ The image will be displayed with the effects of the filter applied.



- 4 **Adjust the filter effect.**
 - Press the <◀> <▶> keys to adjust the filter effect, then press <SET>.
 - For the Miniature effect, press the <▲> <▼> keys and select the image area (within the white frame) where you want the image to look sharp, then press <SET>.



5 Save the image.

- Select [OK] to save the image.
- Check the destination folder and image file number, then select [OK].
- To apply a filter to another image, repeat steps 2 to 5.
- To return to the menu, press the <MENU> button.



- When shooting **RAW** + **L** or **RAW** image, the filter effect will be applied to the **RAW** image and the image will be saved as a JPEG image.
- If an aspect ratio was set for a **RAW** image and the filter effect is applied to it, the image will be saved in the aspect ratio that is set.
- Dust Delete Data (p.287) will not be appended to images with Fish-eye effect applied.

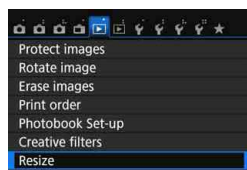
Creative Filter Characteristics

- **Grainy B/W**
Creates a grainy black-and-white photo. You can change the black-and-white effect by adjusting the contrast.
- **Soft focus**
Gives the image a soft look. You can change the degree of softness by adjusting the blur.

-  **Fish-eye effect**
Gives the effect of a fish-eye lens. The image will have a barrel-type distortion.
Depending on the level of this filter effect, the area trimmed along the periphery of the image changes. Also, since this filter effect will magnify the image center, the apparent resolution at the center may degrade depending on the number of recorded pixels. Set the filter effect in step 4 while checking the resulting image.
-  **Art bold effect**
Makes the photo look like an oil painting and the subject look more three-dimensional. You can adjust the contrast and saturation. Note that the sky, white walls, and similar subjects may not be rendered with a smooth gradation and may look irregular or have significant noise.
-  **Water painting effect**
Makes the photo look like a watercolor painting with soft colors. You can control the color density by adjusting the filter effect. Note that night scenes or dark scenes may not be rendered with a smooth gradation and may look irregular or have significant noise.
-  **Toy camera effect**
Darkens the photo's corners and applies a color tone that makes it look as if it was shot by a toy camera. You can change the color cast by adjusting the color tone.
-  **Miniature effect**
Creates a diorama effect. You can change where the image looks sharp. In step 4, if you press the <INFO.> button (or tap on [i] at the screen's bottom), you can switch between the white frame's vertical and horizontal orientations.

Resizing JPEG Images

You can resize a JPEG image to make the pixel count lower and save it as a new image. Resizing an image is possible only with JPEG L/M/S1/S2 images. JPEG S3 and RAW images cannot be resized.



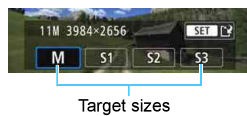
1 Select [Resize].

- Under the [1] tab, select [Resize], then press <SET>.
- ▶ An image will be displayed.



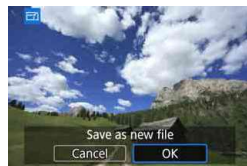
2 Select an image.

- Select the image you want to resize.
- By pressing the <Q> button, you can switch to the index display and select an image.



3 Select the desired image size.

- Press <SET> to display the image sizes.
- Press the <◀> <▶> keys to select the desired image size, then press <SET>.



4 Save the image.

- Select [OK] to save the resized image.
- Check the destination folder and image file number, then select [OK].
- To resize another image, repeat steps 2 to 4.
- To return to the menu, press the <MENU> button.

☑ Resizing JPEG Images

Resize Options by Original Image Size

Original Image Size	Available Resize Settings			
	M	S1	S2	S3
L	☐	☐	☐	☐
M		☐	☐	☐
S1			☐	☐
S2				☐

Image Sizes

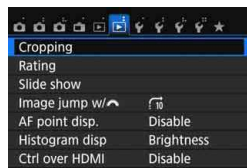
The image sizes displayed in step 3 on the preceding page, such as [***M ***x***], have a 3:2 aspect ratio. The image sizes by aspect ratios are shown in the table below.

The asterisked image-recording quality figures do not exactly match the aspect ratio. The image will be cropped slightly.

Image Quality	Aspect Ratio and Pixel Count (Approx.)			
	3:2	4:3	16:9	1:1
M	3984x2656 (10.6 megapixels)	3552x2664 (9.5 megapixels)	3984x2240* (8.9 megapixels)	2656x2656 (7.1 megapixels)
S1	2976x1984 (5.9 megapixels)	2656x1992 (5.3 megapixels)	2976x1680* (5.0 megapixels)	1984x1984 (3.9 megapixels)
S2	1920x1280 (2.5 megapixels)	1696x1280* (2.2 megapixels)	1920x1080 (2.1 megapixels)	1280x1280 (1.6 megapixels)
S3	720x480 (0.35 megapixels)	640x480 (0.31 megapixels)	720x408* (0.29 megapixels)	480x480 (0.23 megapixels)

✂ Cropping JPEG Images

You can crop the image as desired and save it as a new image. **JPEG S3 and RAW images cannot be cropped.** The **RAW + L** image's JPEG image can be cropped.



- 1 **Select [Cropping].**
 - Under the [**2**] tab, select [**Cropping**], then press <[**SET**]>.
 - ▶ An image will be displayed.



- 2 **Select an image.**
 - Select the image you want to crop.
 - By pressing the <[**CROP**]> button, you can switch to the index display and select an image.



- 3 **Set the cropping frame size, aspect ratio, position, and orientation.**
 - Press <[**SET**]> to display the cropping frame.
 - ▶ The image area within the cropping frame will be cropped.

Changing the Cropping Frame Size

- Press the <[**CROP**]> or <[**CROP**]> button.
- ▶ The cropping frame size will change. The smaller the cropping frame, the larger the image magnification will be.

Changing the Cropping Frame Aspect Ratio

- Turn the <[**ASPECT**]> dial.
- ▶ Cropping frame aspect ratio will change to [**3:2**], [**16:9**], [**4:3**], or [**1:1**].

Moving the Cropping Frame

- Press the <▲> <▼> or <◀> <▶> keys.
- ▶ The cropping frame will move up, down, left, or right.
- You can also touch the cropping frame and drag it to the desired position.

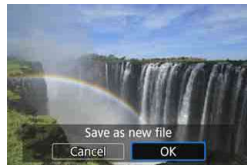
Rotating the Cropping Frame Orientation

- Press the <INFO.> button.
- ▶ The cropping frame will switch between the vertical and horizontal orientations. This enables you to create a vertical image from a horizontal one, and vice versa.



4 Display the cropped image in the full view.

- Press the <Q> button.
- ▶ You can see the cropped image.
- To return to the original display, press the <Q> button again.



5 Save the image.

- Press <SET> and select [OK] to save the cropped image.
- Check the destination folder and image file number, then select [OK].
- To crop another image, repeat steps 2 to 5.
- To return to the menu, press the <MENU> button.



- You cannot crop an image that has already been cropped.
- You cannot apply a Creative filter or resizing to a cropped image.

12

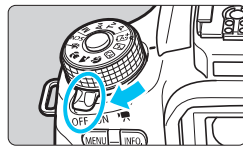
Printing Images

- **Printing** (p.334)
You can connect the camera directly to a printer and print out the images on the card. The camera is compliant with “PictBridge”, which is the standard for direct printing. You can also use a wireless LAN to send images to a PictBridge (Wireless LAN) printer and print them. For details, refer to the Wi-Fi/NFC Function Instruction Manual.
- **Digital Print Order Format (DPOF)** (p.343)
DPOF (Digital Print Order Format) enables you to print images recorded on the card according to your printing instructions such as the image selection, quantity to print, etc. You can print multiple images in one batch or give the print order to a photofinisher.
- **Specifying Images for a Photobook** (p.347)
You can specify images on the card for printing in a photobook.

Preparing to Print

The direct printing procedure can be performed entirely with the camera while looking at the setting screens on camera's LCD monitor.

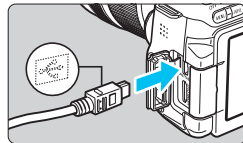
Connecting the Camera to a Printer



- 1 Set the camera's power switch to <OFF>.

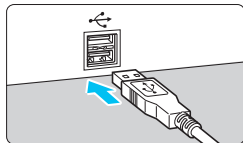
- 2 Set up the printer.

- For details, refer to the printer's instruction manual.

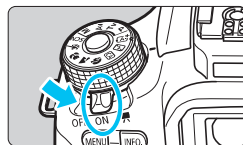


- 3 Connect the camera to the printer.

- Use the interface cable provided with the camera.
- Connect the cable to the camera's <DIGITAL> terminal with the cable plug's <↔> icon facing the front of the camera.
- To connect to the printer, refer to the printer's instruction manual.



- 4 Turn on the printer.



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

- ▶ Some printers may make a beeping sound.



6 Play back the image.

- Press the < [Printer Icon] > button.
- ▶ The image will appear with the < [Printer Icon] > icon on the upper left of the screen to indicate that the camera is connected to a printer.



- Before using the printer, make sure it has a PictBridge connection port.
- Movies cannot be printed.
- The camera cannot be used with printers compatible only with CP Direct or Bubble Jet Direct.
- Do not use any interface cable other than the one provided.
- If there is a long beeping sound in step 5, it indicates a problem with the printer. Resolve the problem displayed in the error message (p.342).
- If any of the following shooting modes or functions is set, the camera cannot be connected to a printer. Cancel all the relevant settings, then reconnect the camera to the printer with an interface cable.
 - < [Movie Icon] > or < [Still Icon] > in < SCN > mode
 - Multi Shot Noise Reduction
 - [Wi-Fi: Wi-Fi/NFC] set to [Enable]



- You can also print RAW images taken with this camera.
- When you use a battery to power the camera, make sure it is fully charged. With a fully-charged battery pack, you can print for approx. 2 hr.
- Before disconnecting the cable, first turn off the camera and printer. Hold the plug (not the cord) to pull out the cable.
- For direct printing, using the DC Coupler DR-E18 (sold separately) and AC Adapter AC-E6N (sold separately) to power the camera is recommended.

Printing

The screen display and setting options will differ depending on the printer. Some settings may not be available. For details, refer to the printer's instruction manual.

Printer-connected icon



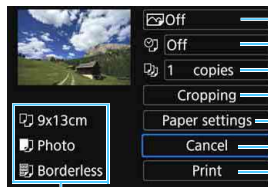
1 Select the image to be printed.

- Check that the <P> icon is displayed on the upper left of the LCD monitor.
- Turn the <DIAL> dial to select the image to be printed.

2 Press <SET>.

- ▶ The print setting screen will appear.

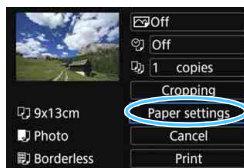
Print setting screen



- Sets the printing effects (p.338).
- Sets the date or file number imprinting to on or off.
- Sets the quantity to be printed.
- Sets the print area (p.341).
- Sets the paper size, type, and layout.
- Returns to the screen in step 1.
- Starts the printing.

The paper size, type, and layout you have set are displayed.

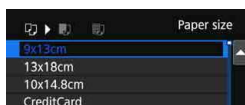
* Depending on the printer, certain settings such as the date and file number imprinting and cropping may not be selectable.



3 Select [Paper settings].

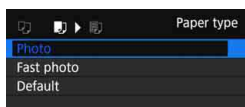
- Select [Paper settings], then press <SET>.
- ▶ The paper settings screen will appear.

Setting the Paper Size



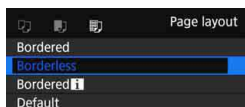
- Select the size of the paper loaded in the printer, then press **<SET>**.
- ▶ The paper type screen will appear.

Setting the Paper Type



- Select the type of the paper loaded in the printer, then press **<SET>**.
- ▶ The page layout screen will appear.

Setting the Page Layout



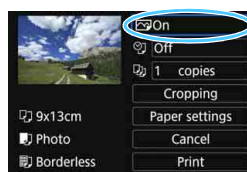
- Select the page layout, then press **<SET>**.
- ▶ The print setting screen will reappear.

Bordered	Prints with white borders along the edges.
Borderless	Prints with no borders. If your printer cannot print borderless prints, the print will have borders.
Bordered I	Imprints the shooting information*1 on the border on 9x13 cm or larger prints.
xx-up	Option to print 2, 4, 8, 9, 16, or 20 images on one sheet.
20-up I 35-up I	Prints 20 or 35 images as thumbnails on A4 or Letter size paper*2. • Imprints the shooting information*1 with [20-up I] .
Default	The page layout varies depending on the printer model or its settings.

*1: From the Exif data, the camera name, lens name, shooting mode, shutter speed, aperture, exposure compensation amount, ISO speed, white balance, etc., will be imprinted.

*2: After ordering the prints with "Digital Print Order Format (DPOF)" (p.343), printing by following "Direct Printing of Print-Ordered Images" (p.346) is recommended.

⚠ If the image's aspect ratio is different from the printing paper's aspect ratio, the image may be cropped significantly when you print it as a borderless print. If the image is cropped, the print may look grainier due to the fewer number of pixels.



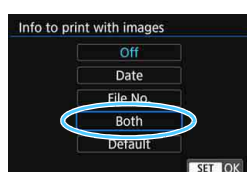
4 Set the printing effects (image optimization).

- Set them if necessary. If you do not need to set any printing effects, go to step 5.
- **Contents displayed on the screen vary depending on the printer.**
- Select the option, then press <SET>.
- Select the desired printing effect, then press <SET>.
- If the <INFO> icon is displayed brightly, you can also adjust the printing effects (p.340).

Printing Effect	Description
On	Prints with the printer's standard colors. The image's Exif data is used to make automatic corrections.
Off	No automatic correction is applied.
Vivid	Prints with higher saturation to produce more vivid blues and greens.
NR	Image noise is reduced before printing.
B/W B/W	Prints in black-and-white with true blacks.
B/W Cool tone	Prints in black-and-white with cool, bluish blacks.
B/W Warm tone	Prints in black-and-white with warm, yellowish blacks.
Natural	Prints the image in the actual colors and contrast. No automatic color adjustments are applied.
Natural M	Printing characteristics are the same as the "Natural" setting. However, this setting enables finer printing adjustments than with "Natural".
Default	Printing differs depending on the printer. For details, refer to the printer's instruction manual.

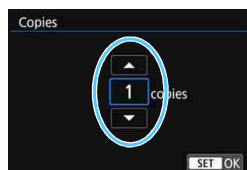
* When you change the printing effects, changes are reflected in the image displayed on the upper left of the screen. Note that the printed image may look slightly different from the displayed image, which is only an approximation. This also applies to [Brightness] and [Adjust levels] on page 340.

If you imprint shooting information on an image shot at an expanded ISO speed (H), the correct ISO speed may not be imprinted.



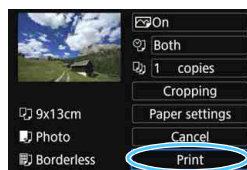
5 Set the date and file number imprinting.

- Set them if necessary.
- Select <☰>, then press <SET>.
- Set the print settings as desired, then press <SET>.



6 Set the number of copies.

- Set it if necessary.
- Select <☰>, then press <SET>.
- Set the number of copies, then press <SET>.



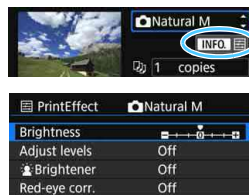
7 Start printing.

- Select [Print], then press <SET>.



- The [Default] setting for printing effects and other options are the printer's own default settings as set by the printer's manufacturer. Refer to the printer's instruction manual to find out what the [Default] settings are.
- Depending on the image's file size and image-recording quality, it may take some time for the printing to start after you select [Print].
- If image tilt correction (p.341) is applied, it may take longer to print the image.
- To stop the printing, press <SET> while [Stop] is displayed, then select [OK].
- If you execute [4: Clear all camera settings] (p.282), all the settings will revert to their defaults.

Adjusting Printing Effects



In step 4 on page 338, select the printing effect. When the < **INFO** > icon is displayed brightly, you can press the <INFO.> button. You can then adjust the printing effects. What can be adjusted or what is displayed will depend on the selection made in step 4.

- **Brightness**

The image brightness can be adjusted.

- **Adjust levels**

When you select [**Manual**], you can change the histogram's distribution and adjust the image's brightness and contrast.

With the Adjust levels screen displayed, press the <INFO.> button to change the position of the <I>. Press the <◀> <▶> keys to freely adjust the shadow level (0-127) or highlight level (128-255).



- **Brightener**

Effective in backlit conditions where the subject's face looks dark. When [**On**] is set, the face will be brightened for printing.

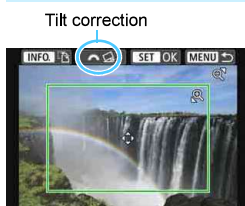
- **Red-eye corr.**

Effective in flash images where the subject has red eyes. When [**On**] is set, the red eye will be corrected for printing.



- The [**Brightener**] and [**Red-eye corr.**] effects will not be reflected on the screen.
- When [**Detail set.**] is selected, you can adjust the [**Contrast**], [**Saturation**], [**Color tone**], and [**Color balance**]. To adjust the [**Color balance**], press the <▲> <▼> or <◀> <▶> keys. B is for blue, A for amber, M for magenta, G for green. The image's color balance will be adjusted towards the color in the direction of move.
- If you select [**Clear all**], all the printing effect settings will be reverted to their defaults.

Cropping the Image



You can crop the image and print only an enlarged version of the cropped portion, as if the image is recomposed.

Set the cropping right before printing. If you change the print settings after setting the cropping, you may have to set the cropping again before printing.

1 On the print setting screen, select [Cropping].

2 Set the cropping frame size, position, and aspect ratio.

- The image area within the cropping frame will be printed. The cropping frame's aspect ratio can be changed with [Paper settings].

Changing the Cropping Frame Size

Press the $\langle \text{Q} \rangle$ or $\langle \text{Q} \rangle$ button to change the cropping frame size. The smaller the cropping frame, the larger the image magnification will be for printing.

Moving the Cropping Frame

Press the $\langle \blacktriangle \rangle$ $\langle \blacktriangledown \rangle$ or $\langle \blacktriangleleft \rangle$ $\langle \blacktriangleright \rangle$ keys to move the frame over the image vertically or horizontally. Move the cropping frame until it covers the desired image area.

Switching the Orientations of the Cropping Frame

Pressing the $\langle \text{INFO} \rangle$ button will toggle the cropping frame between the vertical and horizontal orientations. This enables you to create a vertically oriented print from a horizontal image.

Image Tilt Correction

By turning the $\langle \text{tilt} \rangle$ dial, you can adjust the image tilt angle up to ± 10 degrees in 0.5-degree increments. When you adjust the image tilt, the $\langle \text{tilt} \rangle$ icon on the screen will turn blue.

3 Press $\langle \text{SET} \rangle$ to exit the cropping.

- The print setting screen will reappear.
- You can check the cropped image area on the upper left of the print setting screen.

Printing



- Depending on the printer, the cropped image area may not be printed as you specified.
- The smaller you make the cropping frame, the grainier the picture will look in the print.
- Check the camera's LCD monitor while cropping the image. If you look at the image on a TV screen, the cropping frame may not be displayed accurately.



Handling Printer Errors

If printing does not resume after you resolve a printer error (no ink, no paper, etc.) and select [**Continue**], operate the buttons on the printer to resume printing. For details on resuming the printing, refer to the printer's instruction manual.

Error Messages

If a problem occurs during printing, an error message will appear on the camera's LCD monitor. Press <  > to stop printing. After fixing the problem, resume printing. For details on how to fix a printing problem, refer to the printer's instruction manual.

Paper Error

Check whether the paper is properly loaded in the printer.

Ink Error

Check the printer's ink level and the waste ink tank.

Hardware Error

Check for any printer problems other than paper and ink problems.

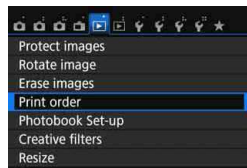
File Error

The selected image cannot be printed via PictBridge. Images taken with a different camera or images edited with a computer may not be printable.

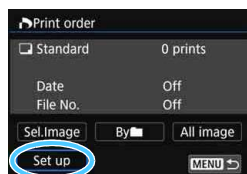
Digital Print Order Format (DPOF)

You can set the print type, date imprinting, and file number imprinting. The print settings will be applied to all print-ordered images. (They cannot be set individually for each image.)

Setting the Printing Options

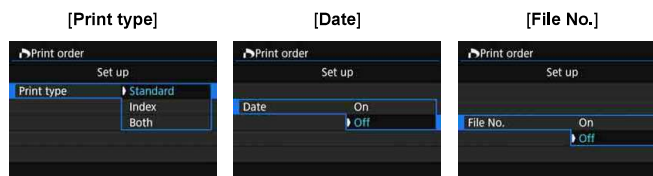


- 1 Select [Print order].
 - Under the [1] tab, select [Print order], then press <SET>.



- 2 Select [Set up].
 - Select [Set up], then press <SET>.

- 3 Set the option as desired.
 - Set the [Print type], [Date], and [File No.].
 - Select the option to be set, then press <SET>. Select the desired setting, then press <SET>.



➤ Digital Print Order Format (DPOF)

Print type		Standard	Prints one image on one sheet.
		Index	Multiple thumbnail images are printed on one sheet.
		Both	Prints both the standard and index prints.
Date	On	[On]	imprints the recorded date on the print.
	Off		
File number	On	[On]	imprints the file number on the print.
	Off		

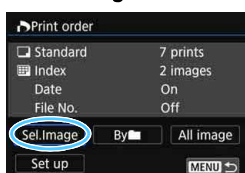
4 Exit the setting.

- Press the <MENU> button.
- ▶ The print order screen will reappear.
- Next, select [**Sel.Image**], [**By** ], or [**All image**] to order the images to be printed.

- RAW images and movies cannot be print ordered. You can print RAW images with PictBridge (p.334).
- Even if [**Date**] and [**File No.**] are set to [**On**], the date or file number may not be imprinted depending on the print type setting and printer model.
- With [**Index**] prints, the [**Date**] and [**File No.**] cannot both be set to [**On**] at the same time.
- When printing with DPOF, use the card whose print order specifications have been set. It cannot be printed with the specified print order if you just extract images from the card and try to print them.
- Certain DPOF-compatible printers and photofinishers may not be able to print the images as you specified. Refer to the printer's instruction manual before printing, or check with your photofinisher about compatibility when ordering prints.
- Do not insert into the camera a card whose print order was set by a different camera and then try to specify a print order. The print order may be overwritten. Also, the print order may not be possible, depending on the image type.

Print Ordering

Sel.Image



Select and order images one by one. By pressing the <SEL> button, you can select images from a three-image display. To return to the single-image display, press the <Q> button. Press the <MENU> button to save the print order to the card.



[Standard] [Both]

Press the <▲> <▼> keys to set the number of copies to be printed for the displayed image.



[Index]

Press <SET> to add a checkmark to the box <✓>. The image will be included in the index print.

By

Select **[Mark all in folder]** and select the folder. A print order for one copy of all the images in the folder will be specified. If you select **[Clear all in folder]** and select the folder, the print order for that folder will all be canceled.

All image

If you select **[Mark all on card]**, one copy of all the images on the card will be set for printing. If you select **[Clear all on card]**, the print order will be cleared for all the images on the card.



- Note that RAW images and movies will not be included in the print order even if you set **[By]** or **[All image]**.
- When using a PictBridge printer, print no more than 400 images for one print order. If you specify more than this, all the images may not be printed.

Direct Printing of Print-Ordered Images ■



With a PictBridge printer, you can easily print images with DPOF.

1 Prepare to print.

- See page 334.
Follow the “Connecting the Camera to a Printer” procedure up to step 5.

2 Under the [1] tab, select [Print order].

3 Select [Print].

- [Print] will be displayed only if the camera is connected to a printer and printing is possible.

4 Set the [Paper settings] (p.336).

- Set the printing effects (p.338) if necessary.

5 Select [OK].

- Before printing, be sure to set the paper size.
- Certain printers cannot imprint the file number.
- If [Bordered] is set, certain printers may imprint the date on the border.
- Depending on the printer, the date may appear faint if it is imprinted on a bright background or on the border.
- Under [Adjust levels], [Manual] cannot be selected.

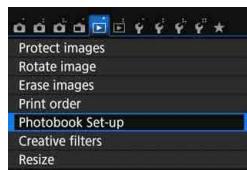
- If you stopped the printing and want to resume printing the remaining images, select [Resume]. Note that printing will not resume if any of the following occurs.
 - You changed the print order or deleted any of the print ordered images before resuming the printing.
 - When index is set, you changed the paper setting before resuming the printing.
 - The card's remaining capacity was low when you paused the printing.
- If a problem occurs during printing, see page 342.

346

Specifying Images for a Photobook

You can specify up to 998 images to be printed in a photobook. When you use EOS Utility (EOS software) to transfer images to a computer, the specified images will be copied to a dedicated folder. This function is useful for ordering photobooks online.

Specifying One Image at a Time



1 Select [Photobook Set-up].

- Under the [1] tab, select [Photobook Set-up], then press $\langle \text{SET} \rangle$.



2 Select [Select images].

- Select [Select images], then press $\langle \text{SET} \rangle$.
- An image will be displayed.



3 Select the image to be specified.

- Turn the $\langle \text{Q} \rangle$ dial to select the image to be specified, then press $\langle \text{SET} \rangle$.
- By pressing the $\langle \text{Q} \rangle$ button, you can select images from a three-image display. To return to the single-image display, press the $\langle \text{Q} \rangle$ button.
- Repeat this step to select other images. The number of images that have been specified will be displayed on the upper left of the screen.
- To cancel the image specification, press $\langle \text{SET} \rangle$ again.
- To return to the menu, press the $\langle \text{MENU} \rangle$ button.

☐ Specifying Images for a Photobook

Specifying All Images in a Folder or on a Card

You can specify all the images in a folder or on a card at once.



When [▶1: Photobook Set-up] is set to [All images in folder] or [All images on card], all the images in the folder or on the card will be specified.

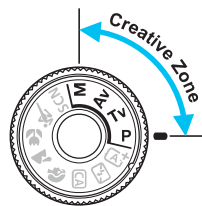
To cancel the image specification, select [Clear all in folder] or [Clear all on card].

- ⓘ RAW images and movies cannot be specified.
- Do not specify images already specified for a photobook in another camera for another photobook with this camera. The photobook settings may be overwritten.

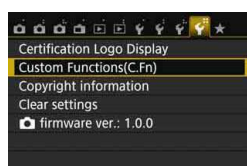
13

Customizing the Camera

You can customize various camera functions to suit your picture-taking preferences with Custom Functions. Custom Functions can be set and used only in Creative Zone modes.

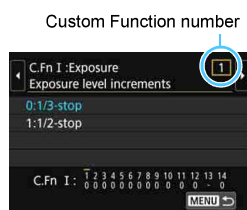


MENU Setting Custom Functions ☆



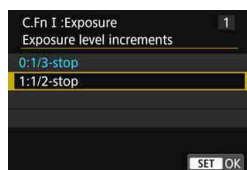
1 Select [Custom Functions (C.Fn)].

- Under the [F4] tab, select [Custom Functions (C.Fn)], then press <SET>.



2 Select the Custom Function number.

- Press the <◀> <▶> keys to select the Custom Function number, then press <SET>.



3 Change the setting as desired.

- Press the <▲> <▼> keys to select the desired setting (number), then press <SET>.
- Repeat steps 2 and 3 if you want to set other Custom Functions.
- At the bottom of the screen, the current Custom Function settings are indicated below the respective function numbers.

4 Exit the setting.

- Press the <MENU> button.
- ▶ The screen for step 1 will reappear.

Clearing All Custom Functions

Under [F4: Clear settings], select [Clear all Custom Func. (C.Fn)] to clear all the Custom Function settings (p.282).

Custom Functions

C.Fn I: Exposure

			 LV Shooting	 Movie Shooting
1	Exposure level increments	p. 352	☐	☐
2	ISO expansion		☐	In M

C.Fn II: Image

3	Highlight tone priority	p. 353	☐	☐
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C.Fn III: Autofocus/Drive

4	AF-assist beam firing	p. 354	☐ *	
5	AF area selection method			
6	Auto AF point selection: Color Tracking	p. 355		
7	AF point display during focus			
8	VF display illumination	p. 356		
9	Mirror lockup			

* When an EX-series Speedlite (sold separately) equipped with an LED light is used.

C.Fn IV: Operation/Others

10	Shutter/AE lock button	p. 357	☐	☐
11	Assign SET button	p. 358	☐ (Except 3)	☐ (Except 2, 3, 6) *
12	LCD display when power ON			
13	Multi function lock	p. 359	☐	☐
14	Retract lens on power off		☐	☐

* Settings 1 and 4 do not function during movie shooting.

* [5: ISO speed] is settable only for manual exposure shooting.

 The shaded Custom Functions do not function during Live View (LV) shooting or movie shooting. (Settings are disabled.)

MENU Custom Function Settings ☆

Custom Functions are organized into four groups based on the function type: C.Fn I: Exposure, C.Fn II: Image, C.Fn III: Autofocus/Drive, C.Fn IV: Operation/Others.

C.Fn I: Exposure

C.Fn-1 Exposure level increments

- 0: 1/3-stop
 - 1: 1/2-stop
- Sets 1/2-stop increments for the shutter speed, aperture, exposure compensation, AEB, flash exposure compensation, etc. This is effective when you prefer to control the exposure in less fine increments than 1/3-stop increments.

 With setting 1, the exposure level will be displayed as shown below.



C.Fn-2 ISO expansion

- 0: Off
 - 1: On
- When you set the ISO speed, you can set "H" (equivalent to ISO 25600) for still photos and "H" (equivalent to ISO 12800) for movies. Note that if [C.Fn-3: Highlight tone priority] is set to [1: Enable], "H" cannot be set.

C.Fn II: Image

C.Fn-3 Highlight tone priority

0: **Disable**

1: **Enable**

Improves the highlight detail. The dynamic range is expanded from the standard 18% gray to bright highlights. The gradation between the grays and highlights becomes smoother.



- With setting 1, the Auto Lighting Optimizer (p.146) is automatically set to **[Disable]** and the setting cannot be changed.
- With setting 1, noise (grainy image, banding, etc.) may become slightly more noticeable than with setting 0.



With setting 1, the settable range will be ISO 200 - ISO 12800 (up to ISO 6400 for movies).

Also, the <**D+**> icon will be displayed in the viewfinder and on the LCD panel to indicate that highlight tone priority is enabled.

C.Fn III: Autofocus/Drive

C.Fn-4 AF-assist beam firing

Enables or disables the built-in flash's AF-assist beam or the EOS-dedicated external Speedlite's AF-assist beam.

0: Enable

The AF-assist beam will be emitted when necessary.

1: Disable

The AF-assist beam will not be emitted. This prevents the AF-assist beam from disturbing others.

2: Enable external flash only

If an external Speedlite is attached, it will emit the AF-assist beam when necessary. The camera's built-in flash will not fire the AF-assist beam.

3: IR AF assist beam only

When an external Speedlite is attached, only the infrared AF-assist beam will be emitted. Set this when you do not want the camera to fire the AF-assist beam as a burst of small flashes.

With an EX-series Speedlite equipped with an LED light, the LED light will not automatically turn on for AF-assist.



If the external Speedlite's **[AF-assist beam firing]** Custom Function is set to **[Disable]**, this function's setting will be overridden and the AF-assist beam will not be emitted.

C.Fn-5 AF area selection method

You can set the method for changing the AF area selection mode.

0: → AF area selection button

After you press the or button, each time you press the button, the AF area selection mode changes.

1: → Main Dial

After you press the or button, turning the dial changes the AF area selection mode.



- With setting 1, press the < > keys to move the AF point horizontally.
- When Battery Grip BG-E18 (sold separately) is used and 1 is set, you can change the AF area selection mode by operating the battery grip.

C.Fn-6 Auto AF point selection: Color Tracking

Use this function to autofocus by recognizing colors equivalent to skin tones. This function works in One-Shot AF mode when the AF area selection mode is set to Zone AF (manual selection of zone) or 19-point AF auto selection.

0: One-Shot AF only

In One-Shot AF mode, the camera selects AF points automatically based on AF information and information on colors equivalent to skin tones. This makes focusing on people easier, so you can prioritize composition in shooting.

1: Disable

AF points are automatically selected based only on AF information. Generally, the nearest subject will be focused on.



- With setting 0, focusing will take slightly longer than with setting 1.
- Even with setting 0, the expected result may not be obtained depending on the shooting conditions and subject.
- Under light so low that the flash emits the AF-assist beam automatically, AF points are selected automatically based only on AF information. (The AF will not use information on colors equivalent to skin tones.)

C.Fn-7 AF point display during focus

You can set whether or not to display the AF point(s) in the following cases: 1. when selecting the AF point(s), 2. when the camera is ready to shoot (before AF operation), 3. during AF operation, and 4. when focus is achieved.

0: Selected (constant)

The selected AF point(s) is always displayed.

1: All (constant)

All 19 AF points are always displayed.

2: Selected (pre-AF, focused)

The selected AF point(s) is displayed for 1, 2, and 4.

3: Selected (focused)

The selected AF point(s) is displayed for 1 and 4.

4: Disable display

For 2, 3, and 4, the selected AF point(s) will not be displayed.



With setting 2 or 3, the AF point will not be displayed even when focus is achieved with AI Servo AF.

C.Fn-8 VF display illumination

You can set whether or not the AF points in the viewfinder will light up in red when focus is achieved.

0: Auto

The AF points automatically light up in red under low light.

1: Enable

The AF points light up in red regardless of the ambient light level.

2: Disable

The AF points do not light up in red.

 When AI Servo AF is set, there is no illumination in red even when focus is achieved.

-  When you press the <[AF-ON]> or <[AF-ON]> button, the AF points will be illuminated in red regardless of this setting.
- The aspect ratio lines (p.130), and the electronic level, grid, and flicker detection set with [**2:Viewfinder display**] will also light up in red.

C.Fn-9 Mirror lockup

0: Disable

1: Enable

Prevents camera shake due to camera vibrations in the camera caused by the reflex mirror action (mirror shock), when shooting with super telephoto lenses or close-ups (macro photography). See page 173 for the mirror lockup procedure.

C.Fn IV: Operation/Others

C.Fn-10 Shutter/AE lock button

0: AF/AE lock

1: AE lock/AF

This is convenient when you want to focus and meter separately. Press the <✳> button to autofocus, and press the shutter button halfway to apply AE lock.

2: AF/AF lock, no AE lock

During AI Servo AF (or Servo AF for Live View shooting), you can press the <✳> button to pause the AF operation momentarily. This prevents the AF from being thrown off by any obstacle passing between the camera and subject. The exposure is set at the moment the picture is taken.

3: AE/AF, no AE lock

This is useful for subjects that keep moving and stopping repeatedly. During AI Servo AF (or Servo AF for Live View shooting), you can press the <✳> button to start or stop the AI Servo AF operation. The exposure is set at the moment the picture is taken. Thus, you can set your camera, so that the optimum focusing and exposure can be achieved and wait for the decisive moment.



During Live View shooting

- When touch shutter is set and with setting 1 or 3, AF will not take effect for shooting.

During movie shooting

- With setting 1 or 3, press the <✳> button for One-Shot AF.
- With setting 2, press the shutter button halfway for One-Shot AF.

C.Fn-11 Assign SET button

You can assign a frequently-used function to <SET>. When the camera is ready to shoot, pressing the <SET> button will display the respective function setting screen.

0: Normal (disabled)

1: Image quality

The image quality setting screen will appear.

2: Flash exposure compensation

The flash exposure compensation setting screen will appear.

3: LCD monitor On/Off

You can turn on or off the LCD monitor.

4: Menu display

The menu screen will appear.

5: ISO speed

The ISO speed setting screen will appear.

6: Flash function settings

The built-in flash or external flash function setting screen will appear.

C.Fn-12 LCD display when power ON

0: Display on

When the power switch is turned on, the shooting settings will be displayed (p.67).

1: Previous display status

When the power is turned on, the camera will start with the LCD monitor display status just before the power was last turned off. Therefore, if you turn off the camera when the LCD monitor is off or when camera settings (p.362) are displayed, nothing will be displayed when you turn on the camera again. This helps to save battery power. The menu operations and image playback will be available as usual.

C.Fn-13 Multi function lock

When the <LOCK▶> switch is set to the right, it can prevent the <☀> and <⦿> dials from accidentally changing a setting. Select the camera control you want to lock, then press <Ⓔ> to append a checkmark <✓> and select [OK].

-  : **Main Dial**
-  : **Quick Control Dial**

- 
 - If the <LOCK▶> switch is set and you try to use one of the locked camera controls, [L] will be displayed in the viewfinder and on the LCD panel. Also, on the shooting function settings display (p.56), [LOCK] will be displayed.
 - By default, when locked, the <⦿> dial will be locked.

C.Fn-14 Retract lens on power off

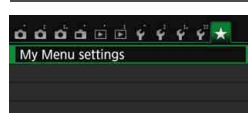
This is to set the lens retraction mechanism for when a gear-driven STM lens (such as EF40mm f/2.8 STM) is attached to the camera. You can set it to retract the extended lens automatically when the camera's power switch is set to <OFF>.

- 0: Enable**
- 1: Disable**

- 
 - With auto power off, the lens will not retract regardless of the setting.
 - Before detaching the lens, make sure that it is retracted.
-  With setting 0, this function takes effect regardless of the lens's focus mode switch setting (AF or MF).

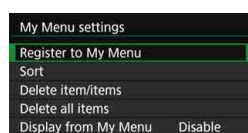
MENU Registering My Menu ☆

Under the My Menu tab, you can register up to six menu options and Custom Functions whose settings you change frequently.



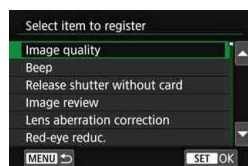
1 Select [My Menu settings].

- Under the [★] tab, select [My Menu settings], then press <SET>.



2 Select [Register to My Menu].

- Select [Register to My Menu], then press <SET>.



3 Register the desired items.

- Select the item, then press <SET>.
- On the confirmation dialog, select [OK] and press <SET> to register the item.
- You can register up to six items.
- To return to the screen in step 2, press the <MENU> button.

My Menu Settings

• Sort

You can change the order of the registered items in My Menu. Select [Sort] and select the item whose order you want to change. Then press <SET>. With [◆] displayed, press the <▲> <▼> keys to change the order, then press <SET>.

• Delete item/items and Delete all items

You can delete any of the registered items. [Delete item/items] deletes one item at a time, and [Delete all items] deletes all registered items.

• Display from My Menu

When [Enable] is set, the [★] tab will be displayed first when you display the menu screen.

14

Reference

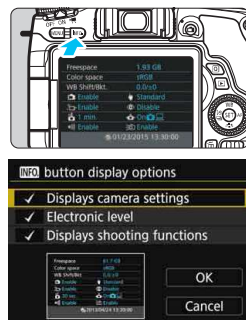
This chapter provides reference information for camera features, system accessories, etc.



Certification Logo

Select [**4: Certification Logo Display**] and press <Ⓢ> to display some of the logos of the camera's certifications. Other certification logos can be found in this Instruction Manual, on the camera body, and on the camera's package.

INFO. Button Functions



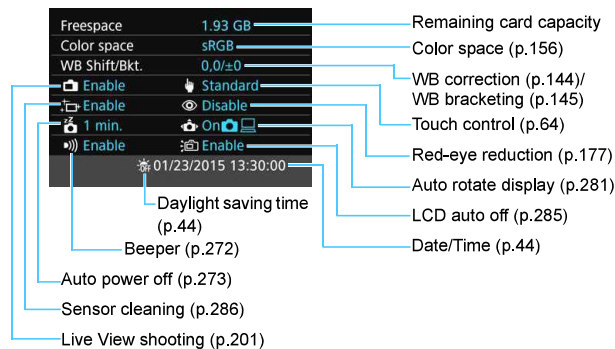
If you press the <INFO.> button when the camera is ready to shoot, the screens for [Displays camera settings], [Electronic level] (p.70), and [Displays shooting function] (p.363) will be displayed in sequence.

Under the [3] tab, [INFO. button display options] enables you to select the options displayed when the <INFO.> button is pressed.

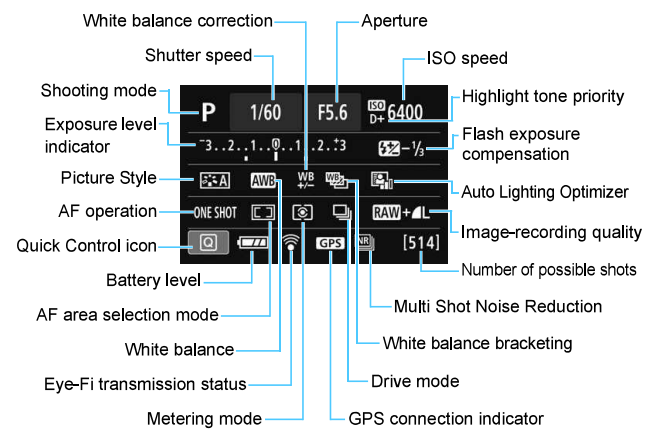
- Select the desired display option and press <SET> to append a checkmark <✓>.
- After making the selection, select [OK], then press <SET>.

- Note that you cannot remove the <✓> for all three display options.
- The [Displays camera settings] sample screen is displayed in English for all languages.
- Even if you uncheck the [Electronic level] so it does not appear, it will still appear for Live View shooting and movie shooting when you press the <INFO.> button.

Camera Settings



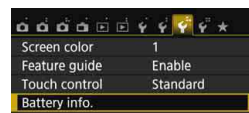
Shooting Function Settings



- Pressing the **<Q>** button enables Quick Control of the shooting settings (p.57).

MENU Checking the Battery Information

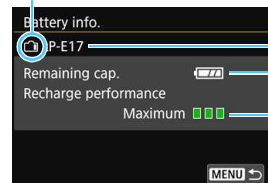
You can check the battery's condition on the LCD monitor.



Select [Battery info.].

- Under the [P3] tab, select [Battery info.], then press <SET>.
- The battery info. screen will appear.

Battery position



Battery model or household power source being used.

The battery level icon (p.43) is displayed.

Battery's recharge performance level is displayed in one of three levels.

■■■ (Green) : Battery's recharge performance is fine.

■■■ (Green) : Battery's recharge performance is slightly degraded.

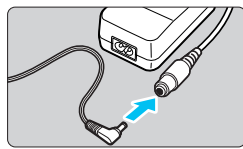
■■■ (Red) : Purchasing a new battery is recommended.

 The use of a genuine Canon Battery Pack LP-E17 is recommended. If you use batteries that are not genuine Canon products, this camera's full performance may not be attained or malfunction may result.

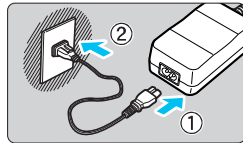
-  The battery information will be displayed even when Battery Grip BG-E18 is used. If two LP-E17 battery packs are attached, it displays the remaining battery level of the two combined.
- If a battery communication error message is displayed, follow the message.

Using a Household Power Outlet

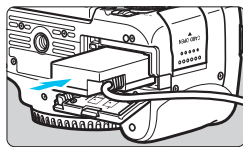
You can power the camera with a household power outlet by using the DC Coupler DR-E18 and AC Adapter AC-E6N (both sold separately).



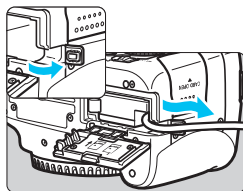
- 1 Connect the DC Coupler's plug.**
 - Connect the DC Coupler's plug to the AC Adapter's socket.



- 2 Connect the power cord.**
 - Connect the power cord as shown in the illustration.
 - After using the camera, unplug the power plug from the power outlet.



- 3 Insert the DC Coupler.**
 - Open the battery compartment cover and insert the DC Coupler until it securely locks in place.

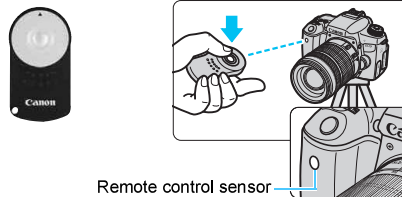


- 4 Push in the DC cord.**
 - Open the DC cord hole cover and install the cord as shown in the illustration.
 - Close the battery compartment cover.

 Do not connect or disconnect the power cord when the camera's power switch is set to <ON>.

Remote Controller RC-6 (Sold Separately)

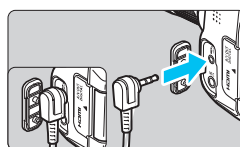
This remote controller enables you to take pictures wirelessly up to approx. 5 meters/16.4 feet away from the camera. You can either shoot immediately or use a 2-sec. delay.



- Set the drive mode to <[i>S</i>> (p.124).
 - Point the remote controller toward the camera's remote control sensor and press the transmit button.
 - ▶ The camera will autofocus.
 - ▶ When focus is achieved, the self-timer lamp will light up and the picture will be taken.
- ⚠
- Fluorescent or LED lighting may cause camera misoperation by triggering the shutter inadvertently. Try to keep the camera away from such light sources.
 - If you point a remote controller for a TV set toward the camera and operate it, it may cause camera misoperation by triggering the shutter inadvertently.
 - If flash light is emitted from a flash on another camera around this camera, it may cause camera misoperation by triggering the shutter inadvertently. Do not expose the remote control sensor to flash light from a flash on another camera.
- 📷
- Remote Controller RC-1/RC-5 (sold separately) can also be used.
 - Remote controller shooting is also possible with an EX-series Speedlite equipped with a remote-release function.
 - The Remote Controller can also be used during movie shooting (p.233). Note that Remote Controller RC-5 cannot be used to take still photos in the movie shooting mode.

Remote Switch RS-60E3 (Sold Separately)

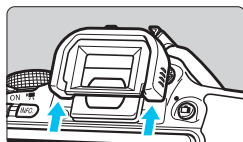
Remote Switch RS-60E3 (sold separately) comes with an approx. 60 cm/2.0 ft cord. When connected to the camera's remote control terminal, it can be pressed halfway and completely, just like the shutter button.



Using the Eyepiece Cover

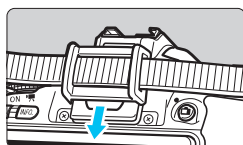
When you use the self-timer, bulb, or Remote Switch and do not look through the viewfinder, stray light entering the viewfinder can cause the picture to look dark. To prevent this, use the eyepiece cover (p.35) attached to the camera strap.

During Live View shooting and movie shooting, attaching the eyepiece cover is unnecessary.



1 Detach the eyecup.

- Push the bottom of the eyecup to detach it.



2 Attach the eyepiece cover.

- Slide the eyepiece cover down into the eyepiece groove to attach it.
- After you finish shooting, detach the eyepiece cover and attach the eyecup by sliding it down into the eyepiece groove.

📶 Using Eye-Fi Cards

With a commercially-available Eye-Fi card already set up, you can automatically transfer captured images to a computer or upload them to an online service via a wireless LAN.

The image transfer is a function of the Eye-Fi card. For instructions on how to set up and use the Eye-Fi card or to troubleshoot any image transfer problems, refer to the Eye-Fi card's instruction manual or contact the card manufacturer.

- ⚠ **The camera is not guaranteed to support Eye-Fi card functions (including wireless transfer). In case of a problem with an Eye-Fi card, please check with the card manufacturer. Also note that approval is required to use Eye-Fi cards in many countries or regions. Without approval, use of the card is not permitted. If it is unclear whether the card has been approved for use in your area, please check with the card manufacturer.**

1 Insert an Eye-Fi card (p.39).

2 Select [Eye-Fi settings].

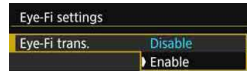
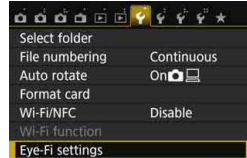
- Under the [1] tab, select [Eye-Fi settings], then press **<SET>**.
- This menu is displayed only when an Eye-Fi card is inserted into the camera.

3 Enable Eye-Fi transmission.

- Select [Eye-Fi trans.], then press **<SET>**.
- Select [Enable], then press **<SET>**.
- If you set [Disable], there will be no automatic transmission even with the Eye-Fi card inserted (transmission status icon 📶).

4 Display the connection information.

- Select [Connection info.], then press **<SET>**.





5 Check the [Access point SSID:].

- Check that an access point is displayed for [Access point SSID:].
- You can also check the Eye-Fi card's MAC address and firmware version.
- Press the <MENU> button three times to exit the menu.



Transmission status icon

6 Take the picture.

- ▶ The picture is transferred and the <Wi-Fi> icon switches from gray (not connected) to one of the icons below.
- For transferred images, [Wi-Fi] is displayed in the shooting information display (p.320).

- ◐ (Gray) **Not connected** : No connection with access point.
- ◐ (Blinking) **Connecting...** : Connecting to access point.
- ◐ (Illuminated) **Connected** : Connection to access point established.
- ◐ (t) **Transferring...** : Image transfer to access point in progress.

⚠ Cautions for Using Eye-Fi Cards

- If [Wi-Fi/NFC] is set to [Enable], image transfer with an Eye-Fi card is not possible.
- If "⚠" is displayed, an error occurred while retrieving the card information. Turn the camera's power switch off and on again.
- Even if [Eye-Fi trans.] is set to [Disable], it may still transmit a signal. In hospitals, airports, and other places where wireless transmissions are prohibited, remove the Eye-Fi card from the camera.
- If the image transfer does not function, check the Eye-Fi card and computer settings. For details, refer to the card's instruction manual.
- Depending on the wireless LAN's connection conditions, the image transfer may take longer or it may be interrupted.
- The Eye-Fi card may become hot as it transmits.
- The battery power will be consumed faster.
- During the image transfer, auto power off will not take effect.
- If you insert a wireless LAN card other than an Eye-Fi card, [Eye-Fi settings] will not appear. Also, the transmission status icon <Wi-Fi> will not appear.

Still Photo Shooting in Basic Zone Modes

●: Set automatically ○: User selectable □: Not selectable/Disabled

[illegible]

*1: **RAW** +  **L** or **RAW** cannot be selected.

*2: Settable only during Live View shooting.

*3: Works only during viewfinder shooting.

Function Availability Table by Shooting Mode

Function										SCN					
AF operation (Viewfinder shooting)	One-Shot AF				●	●	●			●	●	●	●	●	●
	AI Servo AF							●	●						
	AI Focus AF	●	●	●											
AF operation (Live View shooting)	One-Shot AF	●	●	●	●	●	●			●		●	●	●	●
	Servo AF							●	●						
AF	AF area selection mode														
	AF point selection	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	AF-assist beam	●		●	●		●			●	●	●	●	●	●
	Continuous AF ²	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Exposure	Program shift														
	Exposure compensation														
	AEB														
	AE lock														
Drive mode	Depth-of-field preview														
	Single shooting	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Continuous shooting	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Silent single shooting ³	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Silent continuous shooting ³	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Built-in flash	Self-timer	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Automatic firing	○		○	○		○		○			●			
	Manual firing	○		○	○		○		○		○		○		
	Flash off	○	●	○	○	●	○	●	○	○	●		○	○	●
	Red-eye reduction	○		○	○		○		○		○		○	○	
	FE lock ³														
	Flash exposure compensation														
External flash	Wireless control														
	Function settings														
External flash	Custom Function settings														
Live View shooting		○	○	○	○	○	○	○	○	○		○	○	○	○
Aspect ratio															
Quick Control		○	○	○	○	○	○	○	○	○	○	○	○	○	○
Feature guide		○	○	○	○	○	○	○	○	○	○	○	○	○	○

Function Availability Table by Shooting Mode

Still Photo Shooting in Creative Zone Modes

●: Set automatically ○: User selectable □: Not selectable/Disabled

Function		P	Tv	Av	M
All image quality settings selectable		○	○	○	○
ISO speed	Automatically set/Auto	○	○	○	○
	Manually set	○	○	○	○
Picture Style	Automatically set/Auto	○	○	○	○
	Manual selection	○	○	○	○
Extra Effect Shot					
Ambience-based shots					
Lighting/scene based shots					
Background blur					
Color tone					
Creative filters ^{*1*2}		○	○	○	○
White balance	Auto	○	○	○	○
	Preset	○	○	○	○
	Custom	○	○	○	○
	Correction/Bracketing	○	○	○	○
Auto Lighting Optimizer		○	○	○	○
Lens aberration correction	Peripheral illumination correction	○	○	○	○
	Chromatic aberration correction	○	○	○	○
	Distortion correction	○	○	○	○
Long exposure noise reduction		○	○	○	○
High ISO speed noise reduction		○	○	○	○
Highlight tone priority		○	○	○	○
Anti-flicker shooting ^{*3}		○	○	○	○
Color space	sRGB	○	○	○	○
	Adobe RGB	○	○	○	○
Metering mode	Evaluative metering	○	○	○	○
	Metering mode selection	○	○	○	○

*1: RAW + L or RAW cannot be selected.

*2: Settable only during Live View shooting.

*3: Works only during viewfinder shooting.

Function Availability Table by Shooting Mode

Function		P	Tv	Av	M
AF operation (Viewfinder shooting)	One-Shot AF	○	○	○	○
	AI Servo AF	○	○	○	○
	AI Focus AF	○	○	○	○
AF operation (Live View shooting)	One-Shot AF	○	○	○	○
	Servo AF	○	○	○	○
AF	AF area selection mode	○	○	○	○
	AF point selection	○	○	○	○
	AF-assist beam	○	○	○	○
	Continuous AF ^{*2}	○	○	○	○
Exposure	Program shift	○			
	Exposure compensation	○	○	○	
	AEB	○	○	○	○
	AE lock	○	○	○	^{*4}
	Depth-of-field preview	○	○	○	○
Drive mode	Single shooting	○	○	○	○
	Continuous shooting	○	○	○	○
	Silent single shooting ^{*3}	○	○	○	○
	Silent continuous shooting ^{*3}	○	○	○	○
	Self-timer	○	○	○	○
Built-in flash	Automatic firing				
	Manual firing	○	○	○	○
	Flash off	○	○	○	○
	Red-eye reduction	○	○	○	○
	FE lock	○	○	○	○
	Flash exposure compensation	○	○	○	○
	Wireless control	○	○	○	○
External flash	Function settings	○	○	○	○
	Custom Function settings	○	○	○	○
Live View shooting		○	○	○	○
Aspect ratio		○	○	○	○
Quick Control		○	○	○	○
Feature guide		○	○	○	○

^{*4}: With ISO Auto, you can set a fixed ISO speed.

Function Availability Table by Shooting Mode

Movie Shooting

●: Set automatically ○: User selectable □: Not selectable/Disabled

Function		Movies											Still Photos		
										P	Tv	Av	M		*1
All image quality settings selectable (movie)		○	○	○	○	○	○	○	○	○	○	○			
All image quality settings selectable (still photos)													○	○	○
Video snapshot		○	○	○	○	○	○	○	○	○	○	○			
HDR movie shooting		○	○	○	○	○	○	○							
Miniature effect movie		○	○	○	○	○	○	○	○	○	○	○	○ ^{*2}	○ ^{*2}	○ ^{*2}
Digital zoom		○	○	○	○	○	○	○	○	○	○	○			
ISO speed	Automatically set/Auto	●	●	●	●	●	●	●	●	●	●	●	○	●	○
	Manually set												○		○
Picture Style	Automatically set/Auto	●	●	●	●	●	●	●	●	○	○	○	○	○	○
	Manual selection									○	○	○	○	○	○
White balance	Auto	●	●	●	●	●	●	●	●	○	○	○	○	○	○
	Preset									○	○	○	○	○	○
	Custom									○	○	○	○	○	○
	Correction									○	○	○	○	○	○
	Bracketing													○	○
Auto Lighting Optimizer		●	●	●	●	●	●	●	●	○	○	○	○	○	○
Lens aberration correction	Peripheral illumination correction	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Chromatic aberration correction	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Distortion correction														
Long exposure noise reduction															
High ISO speed noise reduction															
Highlight tone priority										○	○	○	○	○	○
Color space	sRGB	●	●	●	●	●	●	●	●	●	●	●	○	○	○
	Adobe RGB												○	○	○

*1: The icon indicates still photo shooting during movie shooting.

*2: Still photos with a Miniature effect will be taken.

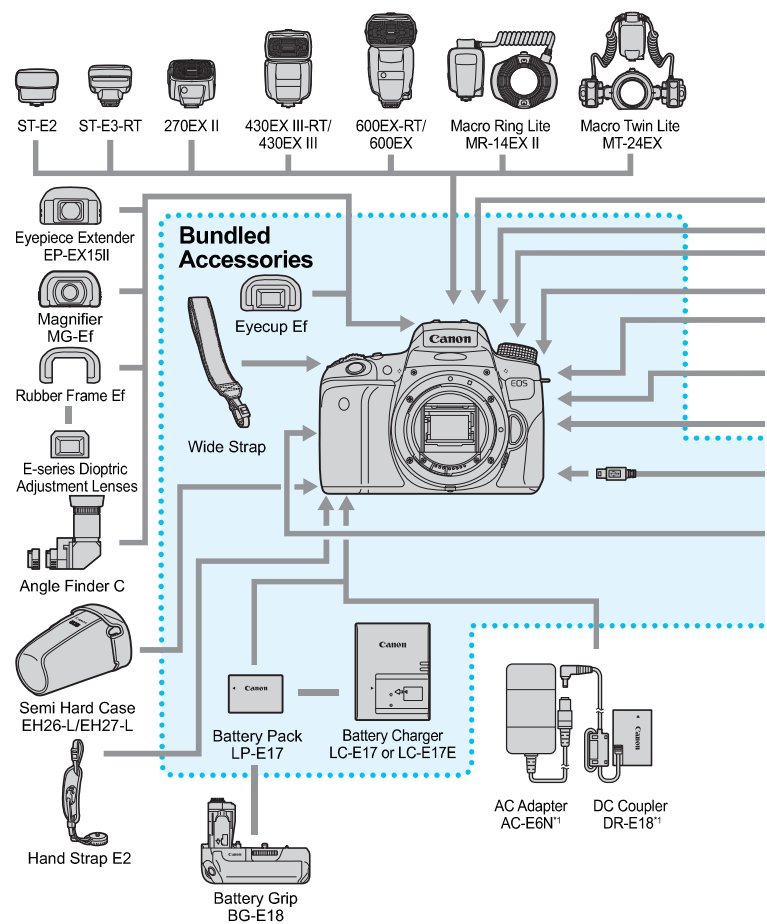
Function Availability Table by Shooting Mode

Function		Movies											Still Photos			
													*1			
		*														
Metering mode																
AF	Face+Tracking	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	FlexiZone - Multi	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	FlexiZone - Single	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Manual focus (MF)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Servo AF	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Exposure	Program shift															
	AE lock									○	○	○	*3	○	*3	
	Exposure compensation									○	○	○		○		
	AEB															
	Depth-of-field preview															
Drive mode	Single shooting												○	○	○	
	Continuous shooting*4												○	○	○	
	Silent single shooting															
	Silent continuous shooting															
	Self-timer*4												○	○	○	
Built-in flash																
Aspect ratio																
Sound recording		○	○	○	○	○	○	○	○	○	○	○				
Quick Control		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

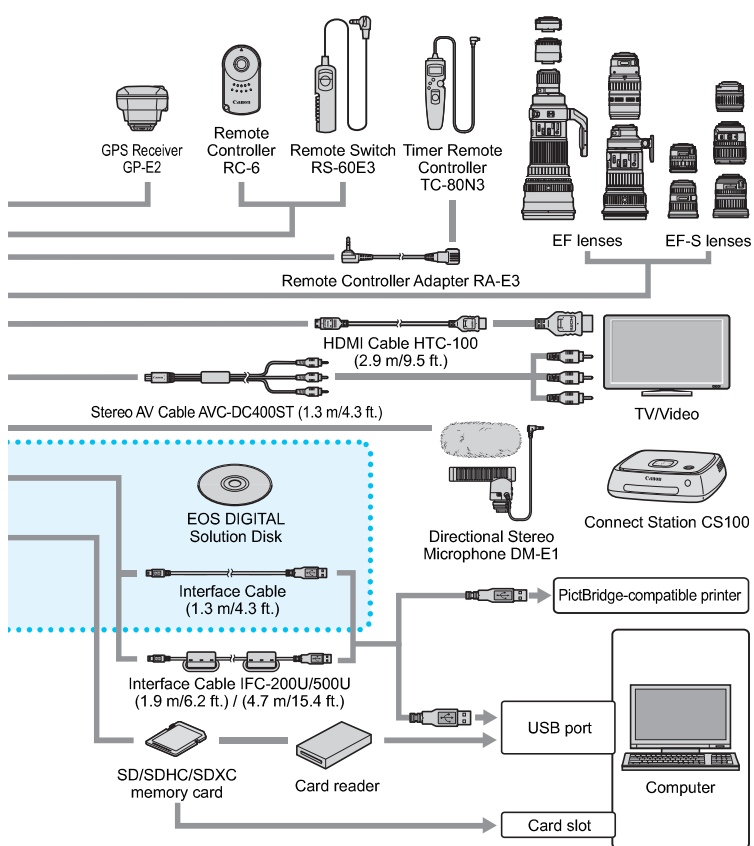
*3: With ISO Auto, you can set a fixed ISO speed.

*4: Works only before you start shooting a movie.

System Map



System Map



*1: AC Adapter Kit ACK-E18 can also be used.
 * All cable lengths given are approximate figures.

MENU Menu Settings

Viewfinder Shooting and Live View Shooting

📷 Shooting 1 (Red)

Page

Image quality	L / L / M / M / S1 / S1 / S2 / S3 / RAW + L / RAW	126
Beep	Enable / Touch to / Disable	272
Release shutter without card	Enable / Disable	272
Image review	Off / 2 sec. / 4 sec. / 8 sec. / Hold	273
Lens aberration correction	Peripheral illumination correction: Enable / Disable Chromatic aberration correction: Enable / Disable Distortion correction: Disable / Enable	150
Red-eye reduction	Disable / Enable	177
Flash control	Flash firing / E-TTL II metering / Flash sync. speed in Av mode / Built-in flash settings / External flash function settings / External flash C.Fn setting / Clear settings	183

* Not selectable in the < > and < > modes.

📷 Shooting 2 (Red)

Exposure compensation/AEB	1/3-stop or 1/2-stop increments, ± 5 stops (AEB: ± 2 stops)	170
Auto Lighting Optimizer	Disable / Low / Standard / High Disabled in manual exposure	146
Custom White Balance	Manual setting of white balance	142
White balance shift/bracketing	WB correction: White balance correction BKT setting: White balance bracketing	144 145
Color space	sRGB / Adobe RGB	156
Picture Style	Auto / Standard / Portrait / Landscape / Neutral / Faithful / Monochrome / User Def. 1-3	135
Metering mode	Evaluative metering / Partial metering / Spot metering / Center-weighted average metering	167

Shaded menu options are not displayed in Basic Zone modes.

 Shooting 3 (Red)		Page
Dust Delete Data	Obtain data to be used by EOS software to delete dust spots	287
ISO Auto	Max. ISO 400, Max. ISO 800, Max. ISO 1600, Max. ISO 3200, Max. ISO 6400	133
Long exposure noise reduction	Disable / Auto / Enable	148
High ISO speed noise reduction	Disable / Low / Standard / High / Multi Shot Noise Reduction	147
Aspect ratio	3:2 / 4:3 / 16:9 / 1:1	130
Anti-flicker shooting	Disable / Enable	154

 Live View Shooting (Red)		
Live View shooting	Enable / Disable	203
AF method	+Tracking / FlexiZone - Multi / FlexiZone - Single	218
Continuous AF	Enable / Disable	214
Touch Shutter	Disable / Enable	226
Grid display	Off / Grid 1  / Grid 2 	214
Metering timer	4 sec. / 8 sec. / 16 sec. / 30 sec. / 1 min. / 10 min. / 30 min.	215

 Playback 1 (Blue)		
Protect images	Protect images	316
Rotate image	Rotate images	297
Erase images	Erase images	318
Print order	Specify images to be printed (DPOF)	343
Photobook Set-up	Specify images for a photobook	347
Creative filters	Grainy B/W / Soft focus / Fish-eye effect / Art bold effect / Water painting effect / Toy camera effect / Miniature effect	326
Resize	Downsize JPEG image's pixel count	329

MENU Menu Settings

▶ Playback 2 (Blue)		Page
Cropping	Crop part of the image	331
Rating	[OFF] / [★] / [★★] / [★★★] / [★★★★]	298
Slide show	Playback description / Display time / Repeat / Transition effect / Background music	308
Image jump with 	1 image / 10 images / 100 images / Date / Folder / Movies / Stills / Rating	293
AF point display	Disable / Enable	323
Histogram display	Brightness / RGB	324
Control over HDMI	Disable / Enable	313

🔧 Set-up 1 (Yellow)

Select folder	Create and select a folder	275
File numbering	Continuous / Auto reset / Manual reset	277
Auto rotate	On  / On  / Off	281
Format card	Initialize and erase data on the card	65
Wi-Fi/NFC	Disable / Enable Allow NFC connections	-*
Wi-Fi function	Transfer images between cameras / Connect to smartphone / Print from Wi-Fi printer / Upload to Web service / View images on DLNA devices	
Eye-Fi settings	Displayed when a commercially-available Eye-Fi card is inserted	368

* For details, refer to the Wi-Fi/NFC Function Instruction Manual.

Set-up 2 (Yellow)		Page
Auto power off	30 sec. / 1 min. / 2 min. / 4 min. / 8 min. / 15 min. / Disable	273
LCD brightness	Adjust the brightness (seven levels)	274
LCD auto off	Enable / Disable	285
Date/Time/Zone	Date (year, month, day) / Time (hr., min., sec.) / Daylight saving time / Time zone	44
Language	Select the interface language	46
Viewfinder display	Electronic level: Hide / Show	70
	Grid display: Hide / Show	69
	Flicker detection: Show / Hide	72
GPS device settings	Settings available when the GPS Receiver GP-E2 (sold separately) is attached	-

- When using Wi-Fi function or GPS device, be sure to check the countries and areas of use, and use the device in accordance with the laws and regulations of the country or region.
- **[Wi-Fi/NFC]** cannot be set if the camera is connected to a computer, printer, GPS receiver, TV set, or other device with a cable. When **[Wi-Fi/NFC]** is set to **[Enable]**, you cannot connect the camera to the above devices with a cable.
- When connecting this camera and the GPS Receiver GP-E2 with a cable, update the firmware of GP-E2 to Ver.2.0.0 or later. With the older versions, you cannot use this camera and GP-E2 connected with a cable. Note that GP-E2 can be used by attaching it to the camera's hot shoe.
For how to update the firmware, refer to the Canon Web site or contact the nearest Canon Service Center.

MENU Menu Settings

☛ Set-up 3 (Yellow)

Page

Screen color	Select the shooting settings screen color	285
Feature guide	Enable / Disable	73
Touch control	Standard / Sensitive / Disable	64
Battery information	Remaining capacity / Recharge performance	364
Sensor cleaning	Auto cleaning: Enable / Disable	286
	Clean now	
	Clean manually	289
INFO button display options	Displays camera settings / Electronic level / Displays shooting functions	362
Video system	NTSC / PAL	312

☛ Set-up 4 (Yellow)

Certification Logo Display	Displays some of the logos of the camera's certifications	361
Custom Functions (C.Fn)	Customize camera functions as desired	352
Copyright information	Display copyright information / Enter author's name / Enter copyright details / Delete copyright information	279
Clear settings	Clear all camera settings / Clear all Custom Func. (C.Fn)	282
firmware ver.*	For updating the firmware	-

* During firmware updates, the touch screen will be disabled to prevent accidental operations.

★ My Menu (Green)

My Menu settings	Register frequently-used menu options and Custom Functions	360
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Movie Shooting

Shooting 1 (Red)		Page
Image quality	L / L / M / M / S1 / S1 / S2 / S3 / RAW + L / RAW	126
Beep	Enable / Touch to / Disable	272
Release shutter without card	Enable / Disable	272
Image review	Off / 2 sec. / 4 sec. / 8 sec. / Hold	273
Lens aberration correction	Peripheral illumination correction: Enable / Disable	150
	Chromatic aberration correction: Enable / Disable	
Shooting 2 (Red)		
Exposure compensation	1/3-stop or 1/2-stop increments, ±3 stops	170
Auto Lighting Optimizer	Disable / Low / Standard / High	146
	Disable during manual exposure	
Custom white balance	Manual setting of white balance	142
White balance shift/ bracketing	WB correction: White balance correction	144
	BKT setting: White balance bracketing	145
Color space	sRGB / Adobe RGB	156
Picture Style	Auto / Standard / Portrait / Landscape / Neutral / Faithful / Monochrome / User Def. 1-3	135

- Shaded menu options are not displayed in Basic Zone modes.
- The menu tabs and options displayed will differ between viewfinder shooting/Live View shooting and movie shooting. Note that the menu tabs and options displayed in [1] Playback 1, [2] Playback 2, [1] Set-up 1 to [4] Set-up 4 and [★] My Menu are the same as those displayed in viewfinder shooting/Live View shooting (p.379-382).
- The [1] and [2] menu tabs will appear only for movie shooting.

MENU Menu Settings

Shooting 3 (Red)

Page

Dust Delete Data	Obtain data to be used by EOS software to delete dust spots	287
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Movie 1 (Red)

AF method	☑+Tracking / FlexiZone - Multi / FlexiZone - Single	263
Movie Servo AF	Enable / Disable	263
AF with shutter button during movie shooting	One-Shot AF / Disable	265
Grid display	Off / Grid 1 111 / Grid 2 1111	265
Metering timer	4 sec. / 8 sec. / 16 sec. / 30 sec. / 1 min. / 10 min. / 30 min.	265

Movie 2 (Red)

Movie recording size	• 1920x1080 / 1280x720 / 640x480 • NTSC: 59.94p / 29.97p / 23.98p • PAL: 50.00p / 25.00p • Standard / Light	245
Digital zoom	Disable / Approx. 3-10x zoom	265
Sound recording*	Sound recording: Auto / Manual / Disable	266
	Recording level	
	Wind filter: Auto / Disable Attenuator: Disable / Enable	
Video snapshot	Video snapshot: Enable / Disable	253
	Album settings: Create a new album / Add to existing album	
	Show confirm message: Enable/Disable	

* In Basic Zone modes, [Sound recording] will be set to [On/Off].

Troubleshooting Guide

If a problem occurs with the camera, first consult this Troubleshooting Guide. If this Troubleshooting Guide does not resolve the problem, contact your dealer or nearest Canon Service Center.

Power-Related Problems

The battery pack does not recharge.

- Do not use any battery pack other than a genuine Battery Pack LP-E17.

The battery charger's lamp blinks.

- If (1) the battery charger or battery pack has a problem or (2) communication with the battery pack failed (with a non-Canon battery pack), the protection circuit will stop charging, and the charge lamp will blink in orange. In the case of (1), unplug the charger's power plug from the power outlet. Detach and reattach the battery pack to the charger. Wait a few minutes, then reconnect the power plug to the power outlet. If the problem persists, contact your dealer or nearest Canon Service Center.

The camera does not operate even when the power switch is set to <ON>.

- Make sure the battery is properly installed in the camera (p.38).
- Make sure the battery compartment cover is closed (p.38).
- Make sure the card slot cover is closed (p.39).
- Recharge the battery (p.36).
- Press the <INFO.> button (p.67).

The access lamp still blinks even when the power switch is set to <OFF>.

- If the power is turned off while an image is being recorded to the card, the access lamp will remain on/continue to blink for a few seconds. When the image recording is completed, the power will turn off automatically.

[Battery communication error. Does this battery/do these batteries display the Canon logo?] is displayed.

- Do not use any battery pack other than a genuine Battery Pack LP-E17.
- Remove and install the battery again (p.38).
- If the battery contacts are dirty, use a soft cloth to clean them.

The battery becomes exhausted quickly.

- Use a fully-charged battery pack (p.36).
- The battery performance may have degraded. See [**43: Battery info.**] to check the battery's recharge performance level (p.364). If the battery performance is poor, replace the battery pack with a new one.
- The rechargeable battery pack performance will degrade over repeated use. Purchase a new one.
- The number of possible shots will decrease with any of the following operations:
 - Pressing the shutter button halfway for a prolonged period.
 - Activating the AF frequently without taking a picture.
 - Using the lens's Image Stabilizer.
 - Using the LCD monitor frequently.
 - Continuing Live View shooting or movie shooting for a prolonged period.
 - The Eye-Fi card's communication function is operating.

The camera turns off by itself.

- Auto power off is in effect. If you do not want auto power off to take effect, set [**42: Auto power off**] to [**Disable**] (p.273).
- Even if [**42: Auto power off**] is set to [**Disable**], the LCD monitor will still turn off after the camera is left idle for 30 min. (The camera's power does not turn off.) Press the <INFO.> button to turn on the LCD monitor.

Shooting-Related Problems

The lens cannot be attached.

- The camera cannot be used with EF-M lenses (p.47).

The viewfinder is dark.

- Install a recharged battery pack in the camera (p.36).

No images can be shot or recorded.

- Make sure the card is properly inserted (p.39).
- Slide the card's write-protect switch to the write/erase position (p.39).
- If the card is full, replace the card or delete unnecessary images to make space (p.39, 318).
- If you try to focus in the One-Shot AF mode and the focus indicator <●> in the viewfinder blinks, a picture cannot be taken. Press the shutter button halfway again to refocus automatically, or focus manually (p.52, 121).

The card cannot be used.

- If a card error message is displayed, see page 39 or 399.

The image is out of focus.

- Set the lens's focus mode switch to <AF> (p.47).
- Press the shutter button gently to prevent camera shake (p.51-52).
- If the lens has an Image Stabilizer, set the IS switch to <ON>.
- In low light, the shutter speed may become slow. Use a faster shutter speed (p.160), set a higher ISO speed (p.132), use flash (p.176), or use a tripod.

I cannot lock the focus and recompose the shot.

- Set the AF operation to One-Shot AF. Focus lock is not possible in the AI Servo AF mode, or when servo takes effect in AI Focus AF mode (p.110).

Linear noise or moire appears in the image.

- Depending on the subject, linear noise or moire may be recorded in the image.
It is likely to occur especially in the following cases.
 - Shooting fine horizontal stripes, lattice patterns, etc.
 - When there is an intense light source such as sunlight or lighting in or near the shooting range.In such a case, noise and moire may be reduced by the following measures.
 - Change the size of the subject by changing the focusing distance or zoom magnification.
 - Recompose the shot to prevent an intense light source from entering the shooting range.
 - Attach the lens hood to prevent intense light from entering the lens.
- If you use a TS-E lens and shift or tilt, linear noise or moire may be recorded in the image.

Horizontal stripes appear, or the exposure or color tone look strange.

- Horizontal stripes (noise) or irregular exposures can be caused by fluorescent lighting, LED lighting, or other light sources during viewfinder or Live View shooting. Also, the exposure or color tone may not come out right. A slow shutter speed may solve the problem.

The continuous shooting speed is slow.

- Depending on the lens type, shutter speed, aperture, subject conditions, brightness, etc., the continuous shooting speed may become slower.
- If [**3: Anti-flicker shoot.**] is set to [**Enable**] and you shoot under a flickering light source, the continuous shooting speed may become slightly slower, or the continuous shooting interval may become irregular. Also, the time lag until shutter release may be slightly longer than usual (p.154).
- If you set [**Distortion**] to [**Enable**], the continuous shooting speed will decrease (p.151).

The maximum burst during continuous shooting is lower.

- If you shoot something that has fine detail such as a field of grass, the file size will be larger, and the actual maximum burst may be lower than the number mentioned on page 127.

ISO 100 cannot be set.

- Under [**4: Custom Functions (C.Fn)**], if [**3: Highlight tone priority**] is set to [**1: Enable**], ISO 100 cannot be set. If [**0: Disable**] is set, ISO 100 can be set (p.353). This also applies to movie shooting (p.238).

ISO speed [H] (equivalent to ISO 25600) cannot be set.

- Under [**4: Custom Functions (C.Fn)**], if [**3: Highlight tone priority**] is set to [**1: Enable**], the [H] ISO speed (equivalent to ISO 25600) cannot be selected even when [**2: ISO expansion**] is set to [**1: On**]. If [**0: Disable**] is set for [**3: Highlight tone priority**], [H] can be set (p.353).

The Auto Lighting Optimizer cannot be set.

- Under [**4: Custom Functions (C.Fn)**], if [**3: Highlight tone priority**] is set to [**1: Enable**], the Auto Lighting Optimizer cannot be set. If [**0: Disable**] is set, the Auto Lighting Optimizer can be set (p.353).

Even though I set a decreased exposure compensation, the image comes out bright.

- Set [**2: Auto Lighting Optimizer**] to [**Disable**]. When [**Low**], [**Standard**], or [**High**] is set, even if you set a decreased exposure compensation or flash exposure compensation, the image may come out bright (p.146).

When I use the <Av> mode with flash, the shutter speed becomes slow.

- If you shoot at night when the background is dark, the shutter speed automatically becomes slow (slow-sync shooting) so that both the subject and background are properly exposed. To prevent a slow shutter speed, under [**1: Flash control**], set [**Flash sync. speed in Av mode**] to [**1/200-1/60sec. auto**] or [**1/200 sec. (fixed)**] (p.184).

The built-in flash rises by itself.

- In shooting modes (<A+> <CA> <P> <M> <S>) whose default setting is <A> (Auto flash), the built-in flash will be raised automatically when necessary.
- In the and <S> modes, when you press the shutter button halfway under low-light conditions, the built-in flash may be raised automatically and emit the AF-assist beam.

The built-in flash does not fire.

- If you use the built-in flash too often in too short a period of time, the flash may stop firing for a while to protect the light-emitting unit.

The external flash always fires at full output.

- If you use a flash unit other than an EX-series Speedlite, the flash will always be fired at full output (p.182).
- Under [**1: Flash control**], if [**Flash metering mode**] in [**External flash C.Fn setting**] is set to [**TTL flash metering**] (autoflash), the flash will always fire at full output (p.188).

Flash exposure compensation cannot be set for the external Speedlite.

- If flash exposure compensation is set with the external Speedlite, flash exposure compensation cannot be set with the camera. When the external Speedlite's flash exposure compensation is canceled (set to 0), flash exposure compensation can be set with the camera.

High-speed sync cannot be set in the <Av> mode.

- Under [ 1: Flash control], set [Flash sync. speed in Av mode] to [Auto] (p.184).

The camera makes a small noise when it is shaken.

- A small noise may be heard when the camera's internal mechanism moves slightly.

The shutter makes two shooting sounds during Live View shooting.

- If you use flash, the shutter will make two sounds each time you shoot (p.203).

During Live View or movie shooting, a white <H> or red <H> icon is displayed.

- It indicates that the camera's internal temperature is high. If the white <H> icon is displayed, the still photo's image quality may deteriorate. If the red <H> icon is displayed, it indicates that the Live View or movie shooting will soon stop automatically (p.230, 268).

Movie shooting stops by itself.

- If the card's writing speed is slow, movie shooting may stop automatically. Use an SD Speed Class 6 "CLASS 6" or faster card. To find out the card's reading/writing speed, refer to the card manufacturer's Web site, etc.
- If the movie shooting time reaches 29 min. 59 sec., the movie shooting will stop automatically.

The ISO speed cannot be set for movie shooting.

- In shooting modes other than <M>, the ISO speed is set automatically. In the <M> mode, you can freely set the ISO speed (p.238).

The exposure changes during movie shooting.

- If you change the shutter speed or aperture during movie shooting, the changes in the exposure may be recorded.
- Zooming the lens during movie shooting can cause changes in the exposure regardless of whether the lens's maximum aperture changes or not. The changes in the exposure may be recorded as a result.

The subject looks distorted during movie shooting.

- If you move the camera to the left or right quickly (high-speed panning) or shoot a moving subject, the image may look distorted.

The image flickers or horizontal stripes appear during movie shooting.

- Flickering, horizontal stripes (noise), or irregular exposures can be caused by fluorescent lighting, LED lighting, or other light sources during movie shooting. Also, changes in the exposure (brightness) or color tone may be recorded. In the <M> mode, a slow shutter speed may reduce the problem.

Wi-Fi

Wi-Fi cannot be set.

- If the camera is connected to a computer, printer, GPS receiver, TV set, or other device with a cable, Wi-Fi cannot be set ([**1: Wi-Fi/NFC**] will be grayed out). Disconnect the cable before changing any settings.
- For details, refer to the Wi-Fi/NFC Function Instruction Manual.

Operation Problems

I cannot change the setting with the dial or dial.

- Set the <LOCK▶> switch to the left (lock release, p.55).
- Check the setting for [**13: Multi function lock**] under [**4: Custom Functions (C.Fn.)**] (p.359).

During touch screen operations, the beeper suddenly sounds softer.

- Check if your finger is blocking the speaker (p.26).

Display Problems

The LCD monitor does not turn on or suddenly turns off.

- If there is dust on top of the eyepiece cover (p.367), the LCD monitor may not turn on or may suddenly turn off, due to incorrect operation of the display-off sensor. If this occurs, remove the dust.
- If the LCD monitor does not turn on with Eyepiece Extender EP-EX15II (sold separately) or Magnifier MG-Ef (sold separately) attached to the viewfinder, set [**2: LCD auto off**] to [**Disable**] (p.285).

The menu screen shows fewer tabs and options.

- In Basic Zone modes and in movie shooting mode, certain tabs and menu options are not displayed. Set the shooting mode to a Creative Zone mode (p.59).

The file name's first character is an underscore (“_”).

- Set the color space to sRGB. If Adobe RGB is set, the first character will be an underscore (p.156).

The file name starts with “MVI_”.

- It is a movie file (p.278).

The file numbering does not start from 0001.

- If the card already contains recorded images, the image number may not start from 0001 (p.278).

The shooting date and time displayed is incorrect.

- Check that the correct date and time are set (p.44).
- Check the time zone and daylight saving time (p.44).

The date and time are not in the picture.

- The shooting date and time do not appear in the picture. The date and time are instead recorded in the image data as shooting information. When printing, you can imprint the date and time in the picture, using the date and time recorded in the shooting information (p.339).

is displayed.

- If the number of images recorded on the card exceeds the number the camera can display, ### will be displayed (p.299).

The LCD monitor does not display a clear image.

- If the LCD monitor is dirty, use a soft cloth to clean it.
- In low or high temperatures, the LCD monitor display may seem slow or may look black. It will return to normal at room temperature.

[Eye-Fi settings] does not appear.

- [Eye-Fi settings] will appear only when an Eye-Fi card is inserted in the camera. If the Eye-Fi card has a write-protect switch set to the LOCK position, you will not be able to check the card's connection status or disable Eye-Fi transmission (p.368).

Playback Problems

Part of the image blinks in black.

- It is the highlight alert (p.324). Overexposed areas with clipped highlight will blink.

The image cannot be erased.

- If the image is protected, it cannot be erased (p.316).

The movie cannot be played back.

- Movies edited with a computer cannot be played back with the camera.

Camera operation noise can be heard when the movie is played back.

- If you operate the camera's dials or lens during movie shooting, the operation noise will also be recorded. Using the Directional Stereo Microphone DM-E1 (sold separately) is recommended (p.266).

The movie has still moments.

- During autoexposure movie shooting, if there is a drastic change in the exposure level, the recording will stop momentarily until the brightness stabilizes. In such cases, shoot in <M> mode (p.237).

No picture on the TV set.

- Check that the HDMI cable or stereo AV cable's plug is inserted all the way in (p.312-315).
- Set the [**3**: Video system] correctly to [NTSC] or [PAL] (depending on the video system of your TV set).
- If [**1**: Wi-Fi/NFC] is set to [Enable], the camera cannot be connected to a TV set. Set [Wi-Fi/NFC] to [Disable], then reconnect the camera to the TV set with the HDMI cable or stereo AV cable.

There are multiple movie files for a single movie shoot.

- If the movie file size reaches 4 GB, another movie file will be created automatically (p.247).

My card reader does not recognize the card.

- Depending on the card reader and computer OS used, SDXC cards may not be correctly recognized. In such a case, connect your camera to the computer with the interface cable, then transfer the images to your computer using EOS Utility (EOS software, p.420).

I cannot resize the image. I cannot crop the image.

- JPEG S3 and RAW images cannot be resized or cropped (p.329, p.331).

A red box is displayed on the image.

- [ 2: AF point disp.] is set to [Enable] (p.323).

A red box is not displayed on the image.

- Even if [ 2: AF point display] is set to [Enable] (p.323), the red box is not displayed for the following images:
 - Images shot with Multi Shot Noise Reduction (p.147)
 - Images recorded with distortion correction enabled (p.151)
 - Images shot with <  > or <  > in <SCN> mode
 - Cropped images (p.331)
 - Images with Fish-eye effect applied after shooting (p.326)

Sensor Cleaning Problems

The shutter makes a noise during sensor cleaning.

- If you selected [Clean now ], the shutter will make a noise, but no picture is taken (p.286).

Automatic sensor cleaning does not work.

- If you repeatedly turn the power switch <ON> / <OFF> at a short interval, the <  > icon may not be displayed (p.42).

Printing-Related Problems

There are fewer printing effects than listed in the instruction manual.

- Contents displayed on the screen vary depending on the printer. This instruction manual lists all the printing effects available (p.338).

Direct printing does not work.

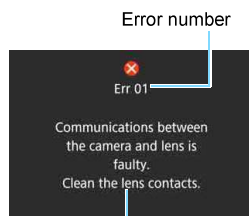
- If any of the following shooting modes or functions is set, the camera cannot be connected to a printer. Cancel all the relevant settings, then reconnect the camera to the printer with an interface cable.
 - <P> or <A> in <SCN> mode
 - Multi Shot Noise Reduction
 - [P1: Wi-Fi/NFC] set to [Enable]

Computer Connection Problems

I cannot download images to a computer.

- Install the EOS software (EOS DIGITAL Solution Disk CD-ROM) on the computer (p.420).
- If [P1: Wi-Fi/NFC] is set to [Enable], the camera cannot be connected to a computer. Set [Wi-Fi/NFC] to [Disable], then reconnect the camera to a computer with an interface cable.

Error Codes



If there is a problem with the camera, an error message will appear. Follow the on-screen instructions.

Cause and countermeasures

Number	Error Message and Solution
01	Communications between the camera and lens is faulty. Clean the lens contacts. → Clean the electrical contacts on the camera and lens, use a Canon lens, or remove and install the battery pack again (p.25, 26, 38).
02	Card cannot be accessed. Reinsert/change card or format card with camera. → Remove and insert the card again, replace the card, or format the card (p.39, 65).
04	Cannot save images because card is full. Replace card. → Replace the card, erase unnecessary images, or format the card (p.39, 318, 65).
05	The built-in flash could not be raised. Turn the camera off and on again. → Operate the power switch (p.42).
06	Sensor cleaning could not be performed. Turn the camera off and on again. → Operate the power switch (p.42).
10, 20 30, 40 50, 60 70, 80 99	An error prevented shooting. Turn the camera off and on again or re-install the battery. → Operate the power switch, remove and install the battery pack again, or use a Canon lens (p.42, 38, 47).

* If the error still persists, write down the error number and contact your nearest Canon Service Center.

Handling Precautions: STM Lenses (Kit Lenses)

Kit lenses* use a stepping motor that drives the focus lens. The motor controls the focus lens even during zooming.

* EF-S18-135mm f/3.5-5.6 IS STM, EF-S18-55mm f/3.5-5.6 IS STM, and EF-S55-250mm f/4-5.6 IS STM

1. When the camera is OFF

The motor does not operate while the camera is OFF or when the camera is OFF due to the auto power off function. Therefore, users must be aware of the following points.

- Manual focusing is not possible.
- During zooming, inaccurate focusing may occur.

2. When the lens is in sleep mode

If not operated for a certain period of time, this lens will enter sleep mode in order to save power, apart from the camera's auto power off. To exit sleep mode, press the shutter button halfway.

In sleep mode, the motor will not operate even if the camera is ON. Therefore, users must be aware of the following points.

- Manual focusing is not possible.
- During zooming, inaccurate focusing may occur.

3. During initial reset

When the camera is turned ON or when the camera is turned ON by pressing the shutter button halfway when the camera is OFF due to the auto power off function*¹, the lens performs an initial reset of the focus lens.

- Although the image in the viewfinder will appear out of focus during the initial reset, this is not a malfunction.
- Wait approx. 1 second*² until the initial reset has completed before shooting.

*1: Applicable to the following EF-S lens compatible digital SLR cameras:
EOS 7D Mark II, EOS 7D, EOS 70D, EOS 60D, EOS 60Da, EOS 50D, EOS 40D, EOS 30D, EOS 20D, EOS 20Da, EOS REBEL T3i/600D, EOS REBEL T2i/550D, EOS REBEL T1i/500D, EOS REBEL XSi/450D, EOS REBEL T5/1200D, EOS REBEL T3i/1100D, EOS REBEL XS/1000D, EOS DIGITAL REBEL XT/400D DIGITAL, EOS DIGITAL REBEL XT/350D DIGITAL, EOS DIGITAL REBEL/300D DIGITAL

*2: The initial reset time varies depending on the camera used.

Specifications

• Type

Type:	Digital, single-lens reflex, AF/AE camera with built-in flash
Recording media:	SD/SDHC*/SDXC* memory cards * Compatible with UHS-I cards
Image sensor size:	Approx. 22.3 x 14.9 mm
Compatible lenses:	Canon EF lenses (including EF-S lenses) * Excluding EF-M lenses (35 mm-equivalent focal length is approx. 1.6 times the lens focal length)
Lens mount:	Canon EF mount

• Image Sensor

Type:	CMOS sensor
Effective pixels:	Approx. 24.2 megapixels * Rounded off to the nearest 10,000th.
Aspect ratio:	3:2
Dust delete feature:	Auto/Manual, Appending Dust Delete Data

• Recording System

Recording format:	Design rule for Camera File System (DCF) 2.0
Image type:	JPEG, RAW (14-bit Canon original) RAW+JPEG Large simultaneous recording possible
Recorded pixels:	L (Large) : 24 megapixels (6000 x 4000) M (Medium) : Approx. 10.6 megapixels (3984 x 2656) S1 (Small 1) : Approx. 5.9 megapixels (2976 x 1984) S2 (Small 2) : Approx. 2.5 megapixels (1920 x 1280) S3 (Small 3) : Approx. 350,000 pixels (720 x 480) RAW : 24 megapixels (6000 x 4000)
Aspect ratio:	3:2, 4:3, 16:9, 1:1
Create/select a folder:	Possible
File numbering:	Continuous, Auto reset, Manual reset

• Image Processing During Shooting

Picture Style:	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3
Basic+:	Ambience-based shots, Light/scene-based shots
Extra Effect Shot:	Possible (in <CA> mode)
White balance:	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White Balance correction and White balance bracketing possible * Flash color temperature information transmission enabled

Specifications

Noise reduction:	Applicable to long exposures and high ISO speed shots
Automatic image brightness correction:	Auto Lighting Optimizer
Highlight tone priority:	Provided
Lens aberration correction:	Peripheral illumination correction, Chromatic aberration correction, Distortion correction

• Viewfinder

Type:	Eye-level pentamirror
Coverage:	Vertical/Horizontal approx. 95% (with Eye point approx. 19 mm) * Vertical field of view in the 16:9 aspect ratio is approx. 93%.
Magnification:	Approx. 0.82x (-1 m^{-1} with 50mm lens at infinity)
Eye point:	Approx. 19 mm (from eyepiece lens center at -1 m^{-1})
Built-in dioptic adjustment:	Approx. $-3.0 - +1.0 \text{ m}^{-1}$ (dpt)
Focusing screen:	Fixed, Precision Matte
Grid display:	Possible
Electronic level display:	Possible
Mirror:	Quick-return type
Depth-of-field preview:	Provided

• Autofocus

Type:	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor
AF points:	19 points (cross-type AF point: max. 19 points) * With certain lenses, cross-type focusing at the peripheral AF points is not possible. * Dual cross-type focusing at f/2.8 with center AF point. (Except with the EF28-80mm f/2.8-4L USM and EF50mm f/2.5 Compact Macro.)
Focusing brightness range:	EV -0.5 - 18 (Conditions: f/2.8-sensitive center AF point, One-Shot AF, room temperature, ISO 100)
Focus operation:	One-Shot AF, AI Servo AF, AI Focus AF Manual focusing (MF)
AF area selection mode:	Single-point AF (Manual selection), Zone AF (Manual selection of zone), 19-point automatic selection AF
Condition of AF point automatic selection:	AF point can be selected automatically in One-Shot AF mode, using information on colors equivalent to skin tones.
AF-assist beam:	Small series of flashes fired by built-in flash

• Exposure Control

Metering mode:	63-zone TTL full-aperture metering using 7560-pixel RGB plus IR metering sensor • Evaluative metering (linked to all AF points) • Partial metering (approx. 6.0% of viewfinder at center) • Spot metering (approx. 3.5% of viewfinder at center) • Center-weighted average metering
Metering brightness range:	EV 1 - 20 (at room temperature, ISO 100)
Exposure control:	Program AE (Scene Intelligent Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Sports, Special scene modes (Kids, Food, Candlelight, Night Portrait, Handheld Night Scene, HDR Backlight Control), Program), Shutter-priority AE, Aperture-priority AE, Manual exposure
ISO speed (Recommended exposure index):	Basic Zone modes*: ISO 100 - ISO 6400 set automatically * Landscape: ISO 100 - ISO 1600, <SCN> Handheld Night Scene: ISO 100 - ISO 12800 Creative Zone modes: ISO 100 - ISO 12800 set manually (whole-stop increments), ISO 100 - ISO 6400 set automatically, maximum ISO speed settable for ISO Auto, or ISO expansion to "H" (equivalent to ISO 25600)
Exposure compensation:	Manual: ± 5 stops in 1/3- or 1/2-stop increments AEB: ± 2 stops in 1/3- or 1/2-stop increments (can be combined with manual exposure compensation)
AE lock:	Auto: Applied in One-Shot AF with evaluative metering when focus is achieved Manual: By AE lock button
Anti-flicker:	Possible

• Shutter

Type:	Electronically-controlled, focal-plane shutter
Shutter speed:	1/4000 sec. to 30 sec. (Total shutter speed range. Available range varies by shooting mode.), Bulb, X-sync at 1/200 sec.

• Drive System

Drive modes:	Single shooting, Continuous shooting, Silent single shooting, Silent continuous shooting, Self-timer: 10-sec. delay/remote control, 2-sec. delay, 10-sec. delay with continuous shooting
Continuous shooting speed:	Continuous shooting: Max. approx. 5.0 shots/sec. Silent continuous shooting: Max. approx. 3.0 shots/sec.

Specifications

Max. burst (Approx.): JPEG Large/Fine: 180 (940) shots
RAW: 7 (8) shots
RAW+JPEG Large/Fine: 6 (6) shots
* Figures are based on Canon's testing standards (3:2 aspect ratio, ISO 100 and Standard Picture Style) using an 8 GB card.
* Figures in parentheses apply to an UHS-I compatible 8 GB card based on Canon's testing standards.

• Flash

Built-in flash: Retractable, auto pop-up flash
Guide No.: Approx. 12/39.4 (ISO 100, in meters/feet)
Flash coverage: Approx. 17mm lens angle of view
Recycling time approx. 3 sec.
External flash: EX-series Speedlite
Flash metering: E-TTL II autoflash
Flash exposure compensation: ± 2 stops in 1/3- or 1/2-stop increments
FE lock: Provided
PC terminal: None
Flash control: Built-in flash function settings, external Speedlite function settings, external Speedlite Custom Function settings
Wireless flash control via optical transmission possible

• Live View Shooting

Focus method: Hybrid CMOS AF III System (Face+Tracking, FlexiZone-Multi, FlexiZone-Single), Manual focus (approx. 5x / 10x magnification possible)
AF operation: One-Shot AF, Servo AF
Continuous AF: Provided
Focusing brightness range: EV 0 - 18 (at room temperature, ISO 100)
Touch shutter: Provided
Metering mode: Real-time metering with image sensor
Evaluative metering (315 zones), Partial metering (approx. 10% of Live View screen), Spot metering (approx. 2.7% of Live View screen), Center-weighted average metering
Metering brightness range: EV 0 - 20 (at room temperature, ISO 100)
Creative Filter: Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect
Grid display: Two types

404

• Movie Shooting

Recording format:	MP4
Movie:	MPEG-4 AVC/H.264
	Variable (average) bit rate
Audio:	AAC
Recording size and frame rate:	Full HD (1920x1080) : 29.97p/25.00p/23.98p
	HD (1280x720) : 59.94p/50.00p/29.97p/25.00p
	VGA (640x480) : 29.97p/25.00p
Compression method:	Standard/Light
File size:	Full HD (29.97p/25.00p/23.98p)
	(Standard) : Approx. 216 MB/min.
	Full HD (29.97p/25.00p) (Light) : Approx. 87 MB/min.
	HD (59.94p/50.00p) (Standard) : Approx. 187 MB/min.
	HD (29.97p/25.00p) (Light) : Approx. 30 MB/min.
	VGA (29.97p/25.00p) (Standard) : Approx. 66 MB/min.
	VGA (29.97p/25.00p) (Light) : Approx. 23 MB/min.
	HDR Movie Shooting : Approx. 94MB/min.
Focus method:	Same as focusing with Live View shooting
Digital zoom:	Approx. 3x to 10x
Movie Servo AF:	Provided
Focusing brightness range:	EV 0 - 18 (at room temperature, ISO 100)
Metering mode:	Center-weighted average and evaluative metering with the image sensor
	* Automatically set by the focus method.
Metering brightness range:	EV 0 - 20 (at room temperature, ISO 100)
Exposure control:	Program AE for movies and manual exposure
Exposure compensation:	±3 stops in 1/3- or 1/2-stop increments
ISO speed (Recommended exposure index):	With autoexposure shooting: ISO 100 - ISO 6400 set automatically
	With manual exposure: ISO 100 - ISO 6400 set automatically/manually, expandable to H (equivalent to ISO 12800)
HDR movies:	Possible
Miniature effect movie:	Possible
Video snapshots:	Settable to 2 sec./4 sec./8 sec.
Sound recording:	Built-in stereo microphones
	External stereo microphone terminal provided
	Sound-recording level adjustable, wind filter provided, attenuator provided
Grid display:	Two types
Still photo shooting:	Possible

Specifications

• LCD Monitor

Type:	TFT color liquid-crystal monitor
Monitor size and dots:	Wide, 7.7 cm (3.0-in.) (3:2) with approx. 1.04 million dots
Brightness adjustment:	Manual (7 levels)
Electronic level display:	Possible
Interface languages:	25
Touch screen technology:	Capacitive sensing
Feature guide:	Displayable

• Playback

Image display format:	Single-image display (without shooting information), Single-image display (with simple information), Single-image display (Shooting information displayed: Detailed information, Lens/histogram, White balance, Picture Style, Color space/noise reduction, Lens aberration correction), Index display (4/9/36/100 images)
Zoom magnification:	Approx. 1.5x - 10x
Highlight alert:	Overexposed highlights blink
AF point display:	Provided
Image browsing method:	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating
Image rotate:	Possible
Ratings:	Provided
Movie playback:	Enabled (LCD monitor, audio/video OUT, HDMI OUT) Built-in speaker
Image protect:	Possible
Slide show:	All images, by date, by folder, by movies, by stills, by rating Five transition effects selectable
Background music:	Selectable for slide shows and movie playback

• Post-Processing of Images

Creative filters:	Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect
Resize:	Possible
Cropping:	Possible

• Direct Printing

Compatible printers:	PictBridge-compatible printers
Printable images:	JPEG and RAW images
Print ordering:	DPOF Version 1.1 compatible

• Custom Functions

Custom Functions: 14
 My Menu registration: Possible
 Copyright information: Entry and inclusion enabled

• Interface

Audio/video OUT/Digital terminal: Analog video (compatible with NTSC/PAL)/stereo audio output
 Hi-Speed USB equivalent: Computer communication, Direct printing, GPS Receiver GP-E2, Connect Station CS100 connection
 HDMI mini OUT terminal: Type C (Auto switching of resolution), CEC-compatible
 External microphone IN terminal: 3.5 mm diameter stereo mini-jack
 Remote control terminal: For Remote Switch RS-60E3
 Wireless remote control: Compatible with Remote Controller RC-6
 Eye-Fi card: Compatible

• Power

Battery: Battery Pack LP-E17 (Quantity 1)
 * AC power usable with household power outlet accessories.
 Number of possible shots: With viewfinder shooting: Approx. 440 shots at room temperature (23°C/73°F), approx. 400 shots at low temperatures (0°C/32°F)
 With Live View shooting: Approx. 180 shots at room temperature (23°C/73°F), approx. 150 shots at low temperatures (0°C/32°F)
 * With a fully-charged Battery Pack LP-E17.
 Movie shooting time: Approx. 1 hr. 20 min. at room temperature (23°C/73°F)
 Approx. 1 hr. at low temperatures (0°C/32°F)
 * With a fully-charged Battery Pack LP-E17.

• Dimensions and Weight

Dimensions (W x H x D): Approx. 131.9 x 100.9 x 77.8 mm / 5.20 x 3.98 x 3.07 in.
 Weight: Approx. 565 g / 19.93 oz. (CIPA Guidelines),
 Approx. 520 g / 18.35 oz. (Body only)

• Operation Environment

Working temperature range: 0°C - 40°C / 32°F - 104°F
 Working humidity: 85% or less

Specifications

• **Battery Pack LP-E17**

Type: Rechargeable lithium-ion battery
Rated voltage: 7.2 V DC
Battery capacity: 1040 mAh
Working temperature range: During charging: 5°C - 40°C / 41°F - 104°F
During shooting: 0°C - 40°C / 32°F - 104°F
Working humidity: 85% or less
Dimensions (W x H x D): Approx. 33.0 x 14.0 x 49.4 mm / 1.30 x 0.55 x 1.94 in.
Weight: Approx. 45 g / 1.59 oz. (excluding protective cover)

• **Battery Charger LC-E17**

Compatible battery: Battery Pack LP-E17
Recharging time: Approx. 2 hours (at room temperature (23°C/73°F))
Rated input: 100 - 240 V AC (50/60 Hz)
Rated output: 8.4 V DC / 700 mA
Working temperature range: 5°C - 40°C / 41°F - 104°F
Working humidity: 85% or less
Dimensions (W x H x D): Approx. 67.3 x 27.7 x 92.2 mm / 2.65 x 1.09 x 3.63 in.
(prongs retracted)
Weight: Approx. 85 g / 3 oz.

• **Battery Charger LC-E17E**

Compatible battery: Battery Pack LP-E17
Recharging time: Approx. 2 hours (at room temperature (23°C/73°F))
Rated input: 100 - 240 V AC (50/60 Hz)
Rated output: 8.4 V DC / 700 mA
Working temperature range: 5°C - 40°C / 41°F - 104°F
Working humidity: 85% or less
Dimensions (W x H x D): Approx. 67.3 x 27.7 x 92.2 mm / 2.65 x 1.09 x 3.63 in.
(excluding power cord)
Weight: Approx. 80 g / 2.82 oz. (excluding power cord)

• EF-S18-135mm f/3.5-5.6 IS STM

Focal length / Aperture: 18 mm-135 mm f/3.5-5.6
 Lens construction: 16 elements in 12 groups
 Minimum aperture: f/22 - 36
 * f/22-38 when 1/2-stop increments set for aperture.
 Angle of view: Diagonal extent: 74°20' - 11°30'
 Vertical extent: 45°30' - 6°20'
 Horizontal extent: 64°30' - 9°30'
 Closest focusing distance: 0.39 m / 1.28 ft.
 Max. magnification: 0.28x (at 135 mm focal length)
 Field of view: Approx. 248 x 372 - 53 x 80 mm / 9.76 x 14.65 - 2.09 x 3.15 in. (at 0.39 m / 1.28 ft.)
 Filter size: 67 mm
 Max. diameter x length: Approx. 76.6 x 96.0 mm / 3.02 x 3.78 in.
 Weight: Approx. 480 g / 16.9 oz.
 Hood: EW-73B (sold separately)
 Lens cap: E-67 II
 Case: LP1116 (sold separately)

• EF-S18-55mm f/3.5-5.6 IS STM

Focal length / Aperture: 18 mm-55 mm f/3.5-5.6
 Lens construction: 13 elements in 11 groups
 Minimum aperture: f/22 - 36
 * f/22-38 when 1/2-stop increments set for aperture.
 Angle of view: Diagonal extent: 74°20' - 27°50'
 Vertical extent: 45°30' - 15°40'
 Horizontal extent: 64°30' - 23°20'
 Closest focusing distance: 0.25 m / 0.82 ft.
 Max. magnification: 0.36x (at 55 mm focal length)
 Field of view: Approx. 129 x 199 - 42 x 63 mm / 5.08 x 7.83 - 1.65 x 2.48 in. (at 0.25 m / 0.82 ft.)
 Filter size: 58 mm
 Max. diameter x length: Approx. 69.0 x 75.2 mm / 2.72 x 2.96 in.
 Weight: Approx. 205 g / 7.2 oz.
 Hood: EW-63C (sold separately)
 Lens cap: E-58 II
 Case: LP1016 (sold separately)

Specifications

• EF-S55-250mm f/4-5.6 IS STM

Focal length / Aperture: 55 mm-250 mm f/4-5.6
Lens construction: 15 elements in 12 groups
Minimum aperture: f/22 - 32
Angle of view: Diagonal extent: 27°50' - 6°15'
Vertical extent: 15°40' - 3°30'
Horizontal extent: 23°20' - 5°20'
Closest focusing distance: 0.85 m / 2.79 ft.
Max. magnification: 0.29x (at 250 mm focal length)
Field of view: Approx. 197 x 296 - 52 x 78 mm / 7.76 x 11.69 - 2.05 x 3.07 in. (at 0.85 m / 2.79 ft.)
Filter size: 58 mm
Max. diameter x length: Approx. 70.0 x 111.2 mm / 2.76 x 4.38 in.
Weight: Approx. 375 g / 13.2 oz.
Hood: ET-63 (sold separately)
Lens cap: E-58 II
Case: LP1019 (sold separately)

• EF-S18-200mm f/3.5-5.6 IS

Focal length / Aperture: 18 mm-200 mm f/3.5-5.6
Lens construction: 16 elements in 12 groups
Minimum aperture: f/22 - 36
* f/22-38 when 1/2-stop increments set for aperture.
Angle of view: Diagonal extent: 74°20' - 7°50'
Vertical extent: 45°30' - 4°20'
Horizontal extent: 64°30' - 6°30'
Closest focusing distance: 0.45 m / 1.5 ft.
Max. magnification: 0.24x (at 200 mm focal length)
Field of view: Approx. 291 x 452 - 62 x 93 mm / 11.5 x 17.8 - 2.4 x 3.7 in. (at 0.45 m / 1.48 ft.)
Filter size: 72 mm
Max. diameter x length: Approx. 78.6 x 102 mm / 3.1 x 4.0 in.
Weight: Approx. 595 g / 21.0 oz.
Hood: EVW-78D (sold separately)
Lens cap: E-72 II
Case: LP1116 (sold separately)

- All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.
- Dimensions, maximum diameter, length and weight listed above are based on CIPA Guidelines (except weight for camera body only).
- Product specifications and the exterior are subject to change without notice.
- If a problem occurs with a non-Canon lens attached to the camera, consult the respective lens manufacturer.



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* Notice displayed in English as required.

Use of genuine Canon accessories is recommended

This product is designed to achieve excellent performance when used with genuine Canon accessories.

Canon shall not be liable for any damage to this product and/or accidents such as fire, etc., caused by the malfunction of non-genuine Canon accessories (e.g., a leakage and/or explosion of a battery pack). Please note that this warranty does not apply to repairs arising out of the malfunction of non-genuine Canon accessories, although you may request such repairs on a chargeable basis.

Digital Camera Model DS126481 Systems

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for class B digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The cable with the ferrite core provided with the digital camera must be used with this equipment in order to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A. Inc.
One Canon Park, Melville, NY 11747, U.S.A.
Tel No. 1-800-OK-CANON (1-800-652-2666)

CAN ICES-3 (B) / NMB-3 (B)



USA and Canada only:
The Lithium ion/polymer battery that powers the product is recyclable. Please call 1-800-8-BATTERY for information on how to recycle this battery.

For CA, USA only
Included lithium battery contains Perchlorate Material – special handling may apply.
See www.dtsc.ca.gov/hazardouswaste/perchlorate/ for details.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO LOCAL REGULATION.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

15

Downloading Images to Your Computer

This chapter explains how to download images from the camera to your computer, gives an overview of the software in the EOS DIGITAL Solution Disk (CD-ROM), and explains how to install the software on your computer. It also explains how to view the Software Instruction Manuals.

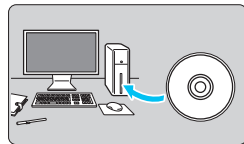


EOS DIGITAL Solution Disk
(Software/Software Instruction Manuals)

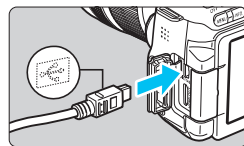
Downloading Images to a Computer

You can use the EOS software to download the images in the camera to your computer. There are two ways to do this.

Downloading by Connecting the Camera to the Computer

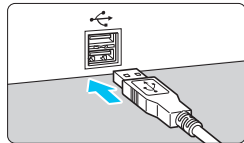


1 Install the software (p.421).



2 Use the provided interface cable to connect the camera to your computer.

- Use the interface cable provided with the camera.
- Connect the cable to the camera's digital terminal with the cable plug's <↔> icon facing the front of the camera.
- Connect the cord's plug to the computer's USB terminal.



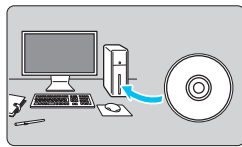
3 Use EOS Utility to download the images.

- Refer to the EOS Utility Instruction Manual (p.422).

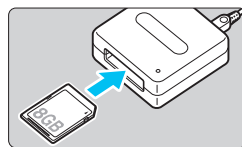
ⓘ If [4 1: Wi-Fi/NFC] is set to [Enable], the camera cannot be connected to a computer. Set [Wi-Fi/NFC] to [Disable], then reconnect the camera to a computer with an interface cable.

Downloading Images with a Card Reader

You can also use a card reader to download images to your computer.



1 Install the software (p.421).



2 Insert the card into the card reader.

3 Use Digital Photo Professional to download the images.

- Refer to the Digital Photo Professional Instruction Manual (p.422).



When downloading images from the camera to your computer with a card reader without using EOS software, copy the DCIM folder on the card to your computer.

Software Overview



EOS DIGITAL Solution Disk

Various software for EOS DIGITAL cameras are contained on the EOS DIGITAL Solution Disk.

EOS Utility

With the camera connected to a computer, EOS Utility enables you to transfer still photos and movies shot with the camera to the computer. You can use this software to set various camera settings and shoot remotely from the computer connected to the camera. Also, you can copy background music tracks, such as EOS Sample Music*, to the card.

* You can use the background music as the soundtrack for a video snapshot album, movie, or slide show played back with your camera.

Digital Photo Professional

This software is recommended for users who shoot RAW images. You can view, edit, and print RAW images and JPEG images.

* Some functions differ between the version to be installed on a 64-bit computer and that to be installed on a 32-bit computer.

Picture Style Editor

You can edit Picture Styles, and create and save original Picture Style files. This software is aimed at advanced users who are experienced in processing images.

Installing the Software



- Do not connect the camera to your computer before you install the software. The software will not be installed correctly.
- If a previous version is installed, follow the steps below to reinstall the software. (The newer version will overwrite the previous version.)

- 1 Insert the EOS DIGITAL Solution Disk into your computer.**
 - For Macintosh, double-click to open the CD-ROM icon displayed on the desktop, then double-click on **[setup]**.
- 2 Click [Easy Installation] and follow the on-screen instructions to install.**
- 3 Remove the CD-ROM after the installation is complete.**

Software Instruction Manual



Software Instruction Manuals are contained on the EOS DIGITAL Solution Disk. You can copy and view the software instruction manual (PDF files) as follows:

- 1 Insert the EOS DIGITAL Solution Disk into your computer.
- 2 Close the install screen.
 - When the EOS DIGITAL Solution Disk install screen appears, close the install screen.
- 3 Open the CD-ROM.
- 4 Open the [Manual] folder.
- 5 Copy the [English] folder to your computer.
 - Instruction Manual PDFs with the names below are copied.

	Windows	Macintosh
EOS Utility	EUx.xW_E_xx	EUx.xM_E_xx
Digital Photo Professional	DPPx.xW_E_xx	DPPx.xM_E_xx
Picture Style Editor	PSEx.xW_E_xx	PSEx.xM_E_xx

- 6 Double-click the copied PDF file.
 - Adobe Reader (most recent version recommended) must be installed on your computer.
 - Adobe Reader can be downloaded free from the Internet.

Index

Numerics

10- or 2-sec. self-timer	124
1280x720	245
1920x1080	245
19-point AF auto selection	114
640x480	245

A

 (Scene Intelligent Auto)	76
AC Adapter	365
Access lamp	40
Accessories	3
Adobe RGB	156
AE lock	172
AEB (Auto exposure bracketing) ...	170, 352
AF	
AF area selection mode	114
AF method	218, 263
AF operation	110, 216
AF point	114
AF point selection	116
AF-assist beam	354
Beep (Beeper)	272
Difficult subjects for AF	120, 224
Manual focusing (MF)	121, 228
Out of focus	50, 51, 120, 224
Recomposing	79
AI FOCUS (AI Focus AF)	112
AI SERVO (AI Servo AF)	79, 112
Ambience-based shots	100
Angle of view	48
Anti-flicker shooting	154
Aperture-priority AE	162
Area AF frame	30
Art bold effect	212, 328
Aspect ratio	130
Attenuator	266
Auto Lighting Optimizer	146

Auto Playback	308
Auto power off	42, 273
Auto reset	278
Auto rotate vertical images	281
Autofocus (AF)	110, 216
Automatic selection of AF point	114, 118
Av (Aperture-priority AE)	162
A/V OUT (Audio/video output)	315

B

B/W (Monochrome)	136, 139
Background blur	84
Background music	311
Basic Zone modes	31
Battery	36, 38, 43
Battery check	43
Battery Grip	43, 376
Beep (Beeper)	272
Black-and-white image	100, 136, 139
Bracketing	145, 170
Brightness (exposure)	169
Auto exposure bracketing (AEB)	170, 352
Autoexposure lock (AE lock)	172
Exposure compensation	169
Measurement method (metering mode)	167
Built-in flash	176
BULB (bulb exposure)	166

C

 (Creative Auto)	82
Cable	3, 312, 315, 334, 376, 418
Camera	
Camera shake	173
Clear camera settings	282
Holding the camera	51
Settings display	362

Index

Camera shake 50, 51
 Candlelight..... 93
 Cards 24, 39, 65
 Card reminder 272
 Formatting 65
 Low-level formatting 66
 SD speed class 5
 Troubleshooting..... 40, 66
 Write-protect switch..... 39
 Center-weighted average
 metering..... 168
 Charger..... 33, 36
 Chromatic aberration correction ... 151
 Cleaning (image sensor)..... 286, 289
 Clear camera settings..... 282
 Clipped highlights 324
 Close-up 88
 Color saturation 138
 Color space
 (color reproduction range) 156
 Color temperature..... 142
 Color tone 92, 93, 138
 Continuous AF 214
 Continuous file numbering..... 277
 Continuous shooting..... 122
 Contrast..... 138
 Copyright information..... 279
 Creative Auto 82
 Creative filters..... 210, 326
 ☆ (Creative Zone) icon..... 8
 Creative Zone modes 31
 Cropping 331
 Cross-type focusing..... 119
 Custom Functions..... 350
 Custom white balance 143

D

Date/time..... 44
 Daylight saving time 45
 DC Coupler 365
 Default settings tables..... 283
 Depth-of-field preview 164
 Detailed information 321
 Dials
 Main Dial..... 53
 Mode Dial..... 53
 Quick Control Dial..... 54
 Digital terminal 334, 418
 Dioptic adjustment 51
 Direct printing 334
 Distortion correction 151
 Downloading images..... 418
 DPOF 343
 Dragging..... 63
 Drive mode..... 28, 85, 122, 124
 Dust Delete Data..... 287

E

Electronic level 70
 Erasing images 318
 Error codes..... 399
 Evaluative metering..... 167
 Exposure compensation..... 169
 Exposure level increments 352
 External flash 181
 Extra Effect Shot 83
 Eyecup 367
 Eye-Fi card..... 368
 Eyepiece cover..... 35, 367

F

FE lock 179
 Feature guide 73
 FEB (Flash exposure bracketing)... 186

File extension.....	278	Full High-Definition (Full HD).....	233, 302, 312
File name.....	277	Fully automatic shooting (Scene Intelligent Auto).....	76
File size.....	127, 247, 321	Functions settable by shooting mode.....	370
Filter effect.....	139, 326	G	
Final image simulation.....	207, 241	Grainy B/W.....	212, 327
Fine (image-recording quality).....	28	Grid.....	69, 214, 265
Firmware version.....	382	H	
First-curtain synchronization.....	187	Handheld Night Scene.....	95
Fish-eye effect.....	212, 328	HD.....	302, 312
Flash		HDMI.....	302, 312
Built-in flash.....	176	HDMI CEC.....	313
Custom Functions.....	188	HDR Backlight Control.....	96
Effective range.....	176	HDR Movie Shooting.....	249
External flash.....	181	High ISO speed noise reduction...	147
FE lock.....	179	High-Definition (HD) movies ...	302, 312
Flash control.....	183	Highlight alert.....	324
Flash exposure bracketing (FEB).....	186	Highlight tone priority.....	353
Flash exposure compensation...	178	Histogram (Brightness/RGB).....	324
Flash off.....	81, 85, 99	Hot shoe.....	26, 181
Flash sync speed.....	182	Household power.....	365
Manual flash.....	187, 200	I	
Red-eye reduction.....	177	ICC profile.....	156
Shutter synchronization (1st/2nd curtain).....	187	Illumination (LCD panel).....	55
Wireless.....	187	Image dust prevention.....	286
Flash mode.....	186, 187	Image review time.....	273
Flash sync contacts.....	26	Image-recording quality.....	126
Flicker detection.....	30, 72	Images	
Focus indicator.....	76	AF point display.....	323
Focus lock.....	79	Auto playback.....	308
Focus mode switch.....	47, 121, 228	Auto rotate.....	281
Focusing → AF		Erasing.....	318
Focusing point (AF point).....	114	File numbering.....	277
Folder creation/selection.....	275	Highlight alert.....	324
Food.....	92	Histogram.....	324
Formatting (card initialization).....	65		
Frame rate.....	245		

Index

Index display	292	LCD panel	24, 29
Jump display		Lens	25, 32, 47
(image browsing)	293	Chromatic aberration	
Magnified view	294	correction	151
Manual rotate	297	Distortion correction	151
Playback	107, 291	Image Stabilizer	50
Protecting	316	Lock release	48
Rating	298	Peripheral illumination	
Review time	273	correction	150
Shooting information	320	Lighting/Scene-based shots	104
Slide show	308	Live View shooting	80, 201
Transfer	368	AF operation	216
Viewing on a TV set	302, 312	Aspect ratio	130
Index display	292	Continuous AF	214
INFO. button	107, 362	Face+Tracking	218
ISO speed	132	FlexiZone - Multi	220
Automatic setting (Auto)	134	FlexiZone - Single	222
ISO expansion	352	Grid display	214
Maximum ISO speed		Information display	204
for ISO Auto	133	Manual focusing (MF)	228
J		Metering timer	215
JPEG	127	Possible shots	203
Jump display	293	Quick Control	208
K		LOCK	55
Kids	91	Long exposure noise reduction	148
L		Long exposures	166
Landscape	87, 136	M	
Language selection	46	M (Manual exposure)	165
Large		Macro photography	88
(image-recording quality)	28, 329	Magnification	228, 294
LCD monitor	24, 41	Main Dial	53
Brightness adjustment	274	Manual exposure	165, 237
Electronic level	70	Manual focus (MF)	121, 228
Image playback	107, 291	Manual reset	278
Menu display	59, 378	Manual selection of AF point	116
Screen color	285	Maximum burst	127, 128
Shooting function		Medium	
settings	28, 56, 67, 363	(image-recording quality)	28, 329
		Memory cards → Cards	

Menu	59	Video snapshot album	253
My Menu	360	Video snapshots	253
Setting procedure	60	Viewing on a TV set	302, 312
Settings	378	Wind filter	266
MENU icon	8	Multi Shot Noise Reduction	147
Metering mode	167	Multi function lock	55
Metering timer	215, 265	My Menu	360
MF (manual focusing)	121, 228	N	
Microphone	234	Night Portrait	94
Miniature effect	213, 328	Night scenes	94, 95
Miniature effect movies	251	Noise reduction	
Mirror lockup	173, 356	High ISO speed	147
Mode Dial	31, 53	Long exposures	148
Monochrome	100, 136, 139	Nomenclature	26
Movies	233	Non-Canon flash units	182
AE lock	172	Normal (image-recording quality) ...	28
AF method	244, 263	NTSC	245, 382
Attenuator	266	O	
Autoexposure	234	ONE SHOT (One-Shot AF) ...	111, 217
Editing	306	P	
Editing out first and		P (Program AE)	158
last scenes	306	PAL	245, 382
Enjoying movies	302	Partial metering	167
File size	247	Peripheral illumination correction ...	150
Frame rate	245	Photobook set-up	347
Grid	265	PictBridge	333
HDR Movie Shooting	249	Picture Style	135, 137, 140
Information display	239	Pixel count	126
Manual exposure shooting	237	Playback	107, 291
Manual focus	234	Portrait	86, 136
Metering timer	265	Possible shots	43, 127, 203
Miniature effect movie	251	Power	
Movie digital zoom	248	Auto power off	273
Movie recording size	245	Battery check	43
Movie Servo AF	263	Battery information	364
Playback	304	Household power	365
Quick Control	244	Possible shots	43, 127, 203
Recording size	245		
Recording Time	247		
Sound recording	266		
Still photo shooting	242		

Index

- Recharge.....36, 43
 Recharge performance.....364
 Pressing completely.....52
 Pressing halfway.....52
 Printing.....333
 Cropping.....341
 Page layout.....337
 Paper settings.....336
 Photobook set-up.....347
 Print order (DPOF).....343
 Printing effects.....338
 Tilt correction.....341
 Program AE.....158
 Program shift.....159
 Protecting images.....316
- Q**
-  (Quick Control).....57, 98, 208, 244, 300
 Quick Control.....57, 98, 208, 244, 300
 Quick Control Dial.....54
- R**
- Rating mark.....298
 Ratings.....298
 RAW.....28, 127, 129
 RAW+JPEG.....28, 127, 129
 Recharge.....36, 43, 364
 Red-eye reduction.....177
 Release shutter without card.....272
 Remote control shooting.....366
 Remote switch.....367
 Resizing.....329
 Revert to default settings.....282
 Rotation (image).....281, 297, 341
- S**
- Safety precautions.....20
 Scene icons.....206, 236
 Scene Intelligent Auto.....76
 SD, SDHC, SDXC cards → Cards
 Second-curtain synchronization... 187
 Self-timer.....124
 Sensitivity → ISO speed
 Sensor cleaning.....286, 289
 Sepia (monochrome).....100, 139
 Servo AF.....217
 Sharpness.....138
 Shooting function
 settings.....28, 56, 67, 363
 Shooting information display.....320
 Shooting mode.....31
 Av (Aperture-priority AE).....162
 M (Manual exposure).....165
 P (Program AE).....158
 Tv (Shutter-priority AE).....160
  (Scene Intelligent Auto).....76
  (Flash Off).....81
  (Creative Auto).....82
  (Portrait).....86
  (Landscape).....87
  (Close-up).....88
  (Sports).....89
 SCN (Special scene).....90
  (Kids).....91
  (Food).....92
  (Candlelight).....93
  (Night Portrait).....94
  (Handheld Night Scene).....95
  (HDR Backlight Control).....96
 Shutter button.....52
 Shutter-priority AE.....160
 Shutter synchronization
 (1st/2nd curtain).....187
 Silent shooting
 Continuous shooting.....122
 Single shooting.....122
 Single
 shooting.....85, 122, 371, 373, 375
 Single-image display.....107

Single-point AF	114	Viewfinder.....	30
Slide show.....	308	Dioptic adjustment	51
Small		Electronic level.....	70
(image-recording quality)	28, 329	Flicker detection	72
Soft focus.....	212, 327	Grid display	69
Software.....	420	Viewing on a TV set	302, 312
Speaker.....	304	Volume (movie playback)	305
Special scene mode.....	90	W	
Specifications	401	Water painting effect.....	212, 328
Sports.....	89	WB (white balance)	142
Spot metering.....	167	White balance.....	142
sRGB	156	Bracketing	145
Stop down aperture.....	164	Correction	144
Strap	35	Custom.....	142
System map.....	376	Personal.....	143
T		Wi-Fi	380
Tapping	62	Wind filter	266
Temperature warning	230, 268	Wireless flash shooting	189
Time zone	44	Z	
Tone priority	353	Zone AF.....	114
Toning effect (monochrome)	139		
Touch beeping.....	63		
Touch screen.....	27, 62, 295		
Touch Shutter.....	226		
Toy camera effect.....	213, 328		
Tripod socket	27		
Troubleshooting	385		
Tv (Shutter-priority AE)	160		
U			
USB (digital) terminal	334, 418		
V			
Video snapshot album	253		
Video snapshots	253		
Video system	245, 312, 382		



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