




Erase images

Erase all images on
card (except  images)

Cancel

OK

Selecting all images on a card

- [All images on card] → [OK]



- Choosing an image captured in both RAW and JPEG format will erase both versions.

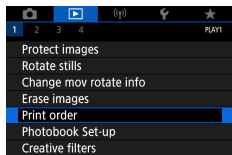


201

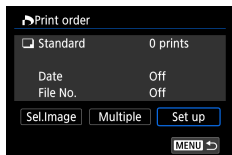


Adding Images to Print Orders (DPOF)

Set up batch printing (up to 400 images) or ordering prints from a photo development service (up to 998 images) by choosing the images on a memory card and the number of copies. The printing information you prepare this way will conform to DPOF (Digital Print Order Format) standards.



1 ▶ [Print order]



2 Add images to the print list.

Choosing images

- [Sel. Image] or [Multiple] → choose images and the number of copies
- Press the **MENU** button to return to the printing screen.

Other settings


- [Set up] → choose an item → choose an option
- Press the **MENU** button to return to the printing screen.



- RAW images and movies cannot be selected.
- Not all of your DPOF settings may be applied in printing by the printer or photo development service, in some cases.
- Setting [Date] to [On] may cause some printers to print the date twice.

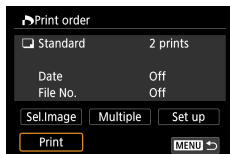
● Printing Images Added to the Print Order (DPOF)

1 Connect the camera to a PictBridge-compatible printer.

- The playback screen is displayed.
-  button → [Print order]

2 Print the images.

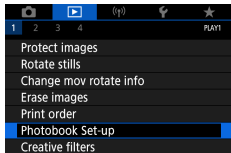
- [Print] → [OK]



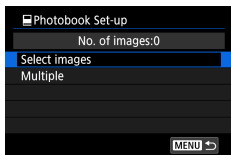


Adding Images to a Photobook

Photobooks can be set up by choosing up to 998 images on a memory card.




1 [Photobook Set-up]



2 Choose images.

Selecting images individually

- [Select images] → choose an image →  button → **MENU** button

Selecting a range

- [Multiple] → [Select range] → choose the first image →  button → choose the last image →  button → **MENU** button

Selecting all images in a folder

- [Multiple] → [All images in folder] → choose a folder → [OK]

Selecting all images on a card

- [Multiple] → [All images on card] → [OK]

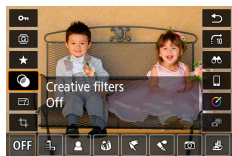


- RAW images and movies cannot be selected.

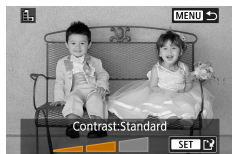


Applying Filter Effects to Images (Creative Filters)

Apply effects equivalent to shooting in [📷], [📷], [📷], [📷], [📷], [📷], and [📷] modes to images and save them as separate images.



1 [📷] button → [📷] → choose an option



2 Adjust the effect as needed.

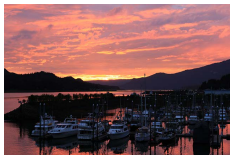
- Set the level: ◀▶ buttons → [📷] button
- Move the [📷] frame: ▲▼ buttons → [📷] button

3 Save the image.




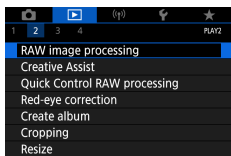
- For [📷], you can also choose the type of filter effect.
- For [📷], you can also move the frame by touching or dragging across the screen.
- For [📷], you can switch to vertical orientation by pressing [✳] and restore horizontal orientation by pressing [✳] again.

Processing RAW Images

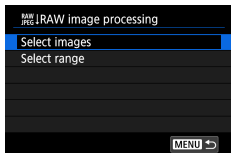


Process images captured in RAW format on the camera. The original RAW image is retained, and a copy is saved as a JPEG.

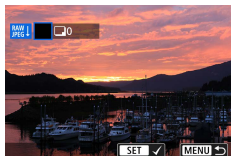
Available when the mode dial is set to **P/Tv/Av/M** .





1 [RAW image processing]

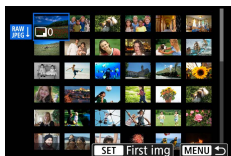


2 Choosing images





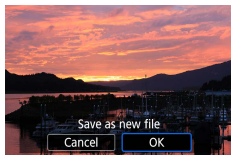
Selecting images individually

- [Select images] → choose an image →  button
- The image is labeled with .
- **MENU** button → [Use shot settings]

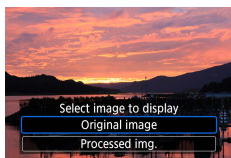


Selecting a range

- [Select range] → choose the first image →  button → choose the last image →  button → **MENU** button → [Use shot settings]



3 Save the image.



4 Choose the image to display.



- Images produced by in-camera processing will not match those processed with Digital Photo Professional exactly.
- To clear selection and remove [✓] display, press the (Ⓜ) button again when [✓] is displayed on the screen after you have chosen [Select images].
- This method of image processing is not available for images in sets (rolls) captured in RAW burst mode. Process the images after extracting them from rolls as RAW images (📖192).

Customizing RAW Processing

- By choosing [Customize RAW processing], you can manually adjust image brightness, Picture Styles, and other details before processing.
- On the processing conditions screen, you can also choose an effect for the selected processing condition by turning the (⦿) dial.
- For magnified display on the processing conditions screen, move the zoom lever toward T.
- You can compare the current image ("After change") to the original image ("Shot settings") by pressing the (✖) button and turning the (⦿) dial.

Applying Your Favorite Effects (Creative Assist)

Process RAW images by applying your preferred effects and saving as JPEGs.

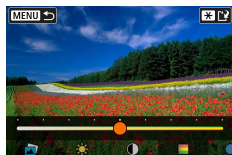


1  button → 






2 Choose an effect.

-   buttons →  button



3 Choose the effect level and other details.

-   buttons →  button
- To reset the setting, touch [Reset].

4 Save the image.

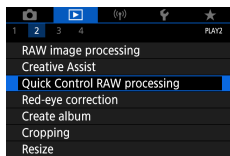
-  button



- For details on Creative Assist effects, see the table in "Shooting with Effects Applied (Creative Assist)" (📖60).

Enabling Quick Control RAW Processing

Change [🔍] on the Quick Control screen during playback to [RAW].
Available when the mode dial is set to **P/Tv/Av/M/**.



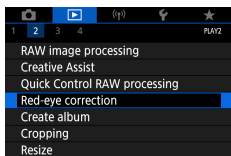
- ▶ [Quick Control RAW processing] → [RAW image processing]
 - [RAW] is now available on the Quick Control screen during playback.



Correcting Red-Eye



Automatically corrects images affected by red-eye. You can save the corrected image as a separate file.



1 [Red-eye correction]

2 Choose an image.

3 Press the button.

4 Save the image.

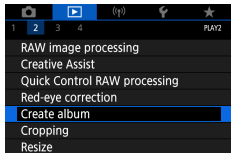


- Once red-eye is corrected, frames are displayed around corrected image areas.
- Some images may not be corrected accurately.

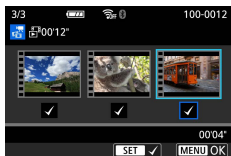


Combining Video Snapshots

Combine video snapshots to create a new movie (album).

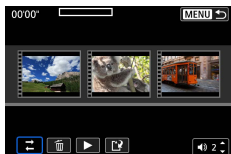


1 [Create album]



2 Specify video snapshots.

- Choose a movie (an existing album) → button → MENU button → [OK]



3 Edit the album.

- Video snapshots in the movie selected in step 2 are displayed.
- Choose an item in the editing menu at the bottom and press the button.
- Along the top of the screen, choose video snapshots to edit, and edit them as needed.



Rearrange video snapshots	Rearrange video snapshots. Choose a video snapshot to move and press the button. To move it, use the buttons.
Remove video snapshot	Choose video snapshots to exclude from the new album. Video snapshots labeled with a icon are not included in the new album, but they are not deleted from the original album.
Play video snapshot	Play the selected video snapshot.
Finish editing	Exit album editing.

4 Exit editing.

- Press the **MENU** button to return to the editing menu.
- Choose to exit editing.

5 Save the album.

- Choose [Save].
- To add background music, choose [Background music].
- Choose [Preview] to preview the album you edited.



- Albums created with [Create album] cannot be edited.



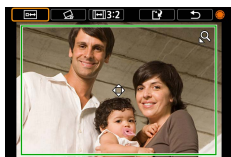
Cropping



















You can specify a portion of an image to save as a separate image file.



1  button → []



2 Adjust the cropping area.

- Reduce the frame: Zoom lever toward 
- Enlarge the frame: Zoom lever toward 
- Move the frame: / / /  buttons
- Straighten the image:  dial →  →  button →  dial
- Change the aspect ratio:  dial →  →  button
- Preview the image:  dial →  →  button



3 Save the image.

-  dial → [] → [OK]

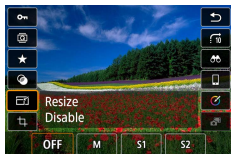




- RAW images cannot be edited.
- Cropped images cannot be cropped again.
- Cropped images cannot be resized or have creative filters applied.
- Cropped images will have a lower pixel count than uncropped images.
- While previewing the cropped image, you can adjust the cropping frame size, position, and aspect ratio.
- You can also specify the cropping frame size, position, orientation, and aspect ratio by choosing [Cropping], choosing an image, and pressing the button.

Resizing Images



Save a smaller version of an image, with fewer pixels.



1  button →  → choose an option


2 Save the image.




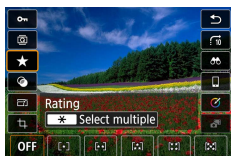
- JPEG [S2] images and RAW images cannot be edited.


Rating Images

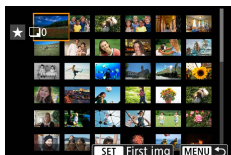
Organize images by rating them on a scale of 1 – 5.


- 1 Choose an image.
- 2  button → [★] → choose an option

- Choose multiple images:  button → choose an item






- [Select range]: Choose the first image → choose the last image → MENU button →  ring to set the rating → [OK]



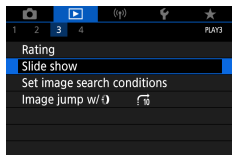
- [All images on card]:  ring to set the rating → [OK]



- By viewing only images with a specified rating, you can restrict the following operations to all images with that rating.
 - Viewing, protecting, erasing, or adding images to a print list or photobook, viewing slideshows
- To remove ratings, press the  button, choose [OFF] in the [★] setting item, and then press the  button.
- When rating images using  [Rating], you can apply a rating to all images in a folder.

Viewing Slideshows

Automatically play back images from a memory card.



1 ▶ [Slide show] → [Start]



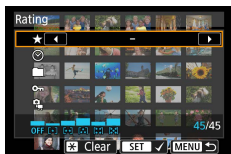
- After you start playback and [Loading image...] is displayed, the slideshow starts in a few seconds.
- Press the **MENU** button to stop the slideshow.
- The camera's power-saving functions are deactivated during slideshows.
- To pause or resume slideshows, press the (⏸) button.
- During a slideshow, you can also pause playback by touching the screen.
- You can switch to other images during playback by pressing the ◀▶ buttons or turning the (⦿) dial. For fast-forward or fast-rewind, hold the ◀▶ buttons down.
- On the slideshow start screen, you can choose [Set up] to configure slideshow repetition, display time per image, and the transition between images.

Finding Images Matching Specified Conditions

Find images quickly on a memory card full of images by filtering image display according to your specified conditions.



1 button →



2 Specify conditions.

- Item: ▲/▼ buttons
- Option: ◀▶ buttons



3 Complete the setting.

- MENU button → [OK]
- Matching images are displayed in yellow frames.


Canceling filtered display

- button → → ✖ button → MENU button → [OK]





- You can apply protection or ratings exclusively to the found images in yellow frames by pressing the button.
- If you edit images and save them as new images, a message is displayed, and the images that were found are no longer shown.

Using the Control Ring to Find Images

Use the  ring to find and jump between desired images quickly by filtering image display according to your specified conditions.



1  button → [] → choose an option

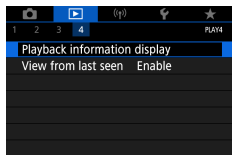


2 Find the images.

-  ring

Customizing Playback Information Display

The shooting information displayed changes each time you press the ▼ button when display is set to playback. You can customize the information displayed.



1 [▶] [Playback information display]



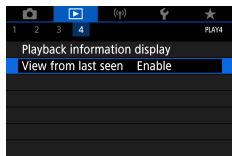
2 Press the ▲/▼ buttons and select screens.

- For screens to display, press the [SET] button to add [✓].
- For screens you prefer not to display, press the [SET] button to clear [✓].
- To specify a histogram to display, press the [X] button.
- Choose [OK] to apply your settings.



Starting Playback from the Last Image Displayed

You can specify how image display begins when you switch to the playback screen after turning the camera off and on.



1  [View from last seen]

Enable	The last image displayed on the playback screen is displayed.
Disable	The most recent image is displayed.



Wireless Features

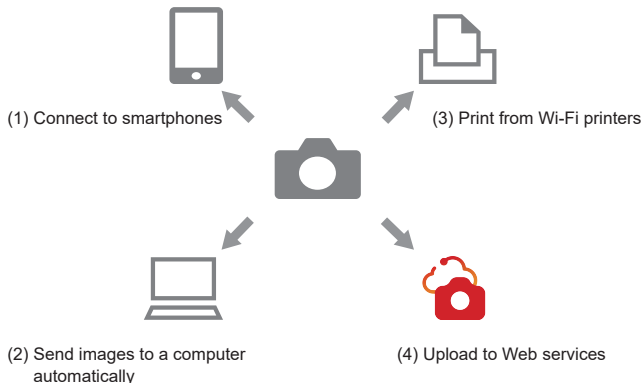
Send images wirelessly to a variety of compatible devices, or share them via Web services.



Before using wireless features, be sure to read “Precautions for Wireless Features” (📖318).



- Note that Canon cannot be held liable for any loss or damage from erroneous wireless communication settings when using the camera. In addition, Canon cannot be held liable for any other loss or damage caused by use of the camera.
- When using wireless communication functions, establish appropriate security at your own risk and discretion. Canon cannot be held liable for any loss or damage caused by unauthorized access or other security breaches.

Available Wireless Features



- (1)  Connect to smartphones (📖225, 📖232)
Control the camera remotely and browse images on the camera over a Wi-Fi connection by using the dedicated Camera Connect app on smartphones or tablets.
You can also geotag images and use other features when connected by Bluetooth®*.
- For convenience in this guide, smartphones, tablets, and other compatible devices are collectively referred to as “smartphones”.
- * Bluetooth low energy technology (hereafter referred to as “Bluetooth”)
- (2)  Send images to a computer automatically (📖239)
With Image Transfer Utility 2, camera images can be automatically sent to a computer connected via Wi-Fi.

- (3) Print from Wi-Fi printers (📖235)
Print images over a Wi-Fi connection from printers compatible with PictBridge (wireless LAN) technology.
- (4) Upload to Web services (📖243)
Images can be sent directly from the camera to the image.canon cloud service for Canon customers after you complete member registration (free of charge). Original files of images sent to image.canon are retained for 30 days, without storage limitations, and can be downloaded to computers or transferred to other Web services.



- Other devices, such as computers, cannot be used with the camera by connecting them with an interface cable while the camera is connected to devices via Wi-Fi. Terminate the connection before connecting the interface cable.
- Wireless communication settings cannot be configured while the camera is connected to a computer or other device via an interface cable. Disconnect the interface cable before changing any settings.
- The camera cannot be connected via Wi-Fi if there is no memory card in the camera (except for). Also, for and Web services, the camera cannot be connected via Wi-Fi if there are no images saved on the card.
- Wi-Fi connections are terminated if you set the camera's power to **OFF** or remove the memory card or battery pack.

Saving Camera Images to a Smartphone

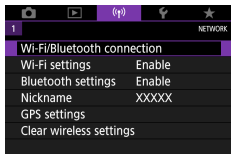
Images on the camera can be saved to a Bluetooth enabled smartphone connected via Wi-Fi.

Prepare the smartphone as follows.

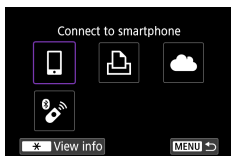
- The free dedicated Camera Connect app must be installed on the smartphone.
- For details on this app (supported smartphones and included functions), refer to the Canon website.
- Camera Connect can be installed from Google Play or the App Store. You can also access Google Play or the App Store from a QR code that you can display on the camera when registering the smartphone on the camera.
- Use the latest version of the smartphone OS.
- Activate Bluetooth and Wi-Fi on the smartphone. Note that pairing with the camera is not possible from the smartphone's Bluetooth settings screen.



- For the operating system versions supported by Camera Connect, refer to the download site of Camera Connect.
- Interface or functions of the camera and Camera Connect are subject to change for firmware update of the camera or application update of Camera Connect, Android, iOS, etc. In this case, features of the camera or Camera Connect may differ from sample screens or operation instructions in this manual.



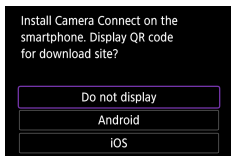
1 ((P)) [Wi-Fi/Bluetooth connection]



2 [Smartphone icon] [Connect to smartphone]



3 [Add a device to connect to]

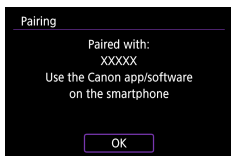
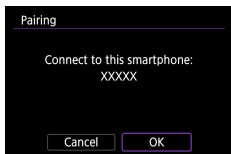
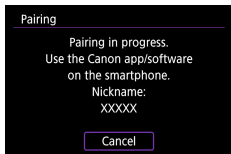


4 Choose an item.

- If Camera Connect is already installed, select [Do not display].
- If Camera Connect is not installed, select [Android] or [iOS], scan the displayed QR code with the smartphone to access Google Play or App Store and install Camera Connect.



5 [Pair via Bluetooth]



- To pair with a different smartphone after pairing with one initially, choose [OK] on the screen at left.

6 Start Camera Connect.

7 Choose the camera to pair with.

In Android

- Touch the nickname of the camera.

In iOS

- Touch the nickname of the camera → [Pair]

8 On the camera, choose [OK].

- Pairing is now complete, and the camera is connected to the smartphone via Bluetooth.



9 In Camera Connect, touch [Images on camera].

- A Wi-Fi connection is established automatically.
- In iOS, touch [Join] when a message is displayed to confirm camera connection.

10 Confirm that the devices are connected via Wi-Fi.

- Images on the camera are listed on the smartphone.
- [Wi-Fi on] is displayed on the camera.



11 Save images on the camera to the smartphone.

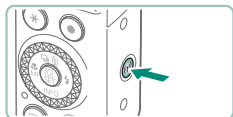
- Choose listed camera images and save them to the smartphone.



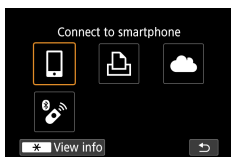
- Any active Bluetooth connections will be lost if you remove the camera battery pack. The connection will be reestablished when you insert the battery pack and turn on the camera.
- Battery life may be shorter when you use the camera after pairing with a smartphone, because power is consumed even when the camera is off.
- Before bringing the camera to places where the use of electronic devices is restricted, disable active Bluetooth communication (which is used even when the camera is off) by choosing [Bluetooth settings] → [Bluetooth] → [Disable].
- To turn off Wi-Fi signal transmission, choose [Wi-Fi settings] → [Wi-Fi] → [Disable].
- You can change the camera nickname in [Nickname].
- You can send images to a smartphone connected via Wi-Fi or paired via Bluetooth (Android devices only) by choosing the images from the camera's playback screen. Press the button and choose .

Connecting to Smartphones via Wi-Fi with the Wi-Fi Button

You can also establish a Wi-Fi connection with smartphones from the (📶) button.



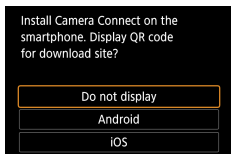
1 Press the (📶) button.



2 [📱Connect to smartphone]



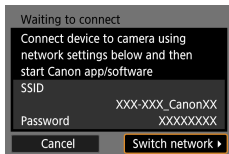
3 [Add a device to connect to]



4 [Do not display]



5 [Connect via Wi-Fi]



6 Check the SSID and password.

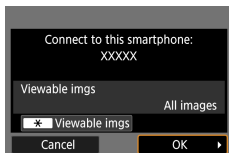
7 Connect the smartphone to the camera.

- In the smartphone's Wi-Fi setting menu, choose the SSID (network name) displayed on the camera to establish a connection.
- In the password field on the smartphone, enter the password displayed on the camera.

8 Start Camera Connect.

9 Select the camera to connect to.

- In the [Cameras] list in Camera Connect, touch the camera to connect to via Wi-Fi.



10 Establish a Wi-Fi connection.

- [OK] → (Wi-Fi) button
- [Wi-Fi on] is displayed on the camera.
- The main Camera Connect screen is displayed on the smartphone.
- The devices are now connected via Wi-Fi.

Restricting Image Viewing

Restrict the images that can be sent to the smartphone or browsed from the smartphone.



- 1** Before connecting via Wi-Fi, press the button.
- 2** [📱Connect to smartphone]
- 3** Choose [Edit/delete device], and then choose the smartphone.
- 4** Choose [Viewable imgs], and then specify which images can be viewed.



- Before reconnecting, check the setting for viewable images.
- Remote live view shooting in Camera Connect is not possible unless [Viewable imgs] is set to [All images].

Features Used with Smartphones

The features described below are available over a wireless connection with smartphones.

Pair the camera with a smartphone via Bluetooth as described in steps 1 – 8 of “Saving Camera Images to a Smartphone” (📖225), and connect via Wi-Fi as described in steps 1 – 10.

● Sending Images to a Smartphone Automatically as You Shoot

Your shots can be automatically sent to a smartphone connected via Wi-Fi. Do the following with the main Camera Connect screen displayed.



- 1** ((P)) [Wi-Fi settings] → [Send to smartphone after shot]
- 2** [Auto send] → [Enable]
 - Choose a size in [Size to send].
- 3** Shoot.
 - Your shots are sent to the smartphone.

● Shooting Remotely as You View a Live Image on the Smartphone

As you view a live image on a smartphone connected via Wi-Fi, you can shoot remotely.



- 1** Start Camera Connect.
- 2** Touch [Remote live view shooting].



- Focusing may take longer when shooting remotely.
- Depending on the communication status, image display or shutter release timing may be delayed.

Controlling the Camera from a Smartphone

You can control the camera by using a smartphone paired via Bluetooth as a remote control. (Not available when connected via Wi-Fi.)



1 Start Camera Connect.

- If connected via Wi-Fi, end the connection.

2 Touch [Bluetooth remote controller].



- Auto power off is disabled while you are using the Bluetooth remote controller feature.

Geotagging Images as You Shoot

Your shots can be geotagged using GPS information (such as latitude, longitude, and elevation) from a smartphone paired via Bluetooth. On the playback screen, you can check the location information added to your shots.

On the smartphone, activate location services.



1 Start Camera Connect.

- If connected via Wi-Fi, end the connection.



2 [GPS settings]

3 [GPS via mobile] → [Enable]



4 Shoot.

- Before shooting, confirm that and are shown on the camera.
- Your shots are now geotagged.
- From now on, shots you take with Camera Connect running will be geotagged.



- The location information added to movies is acquired initially, when you start recording.
- Shots may not be geotagged immediately after the camera is turned on.
- Others may be able to locate or identify you by using location data in your geotagged still images or movies. Be careful when sharing these images with others, as when posting images online where many others can view them.
- By accessing playback screens with detailed information, you can check location information added to your shots. Latitude, longitude, elevation, and UTC (shooting date and time) are listed from top to bottom.
- UTC: Coordinated Universal Time, essentially the same as Greenwich Mean Time
- [---] is shown instead of numerical values for items not available on your smartphone or items not recorded correctly.

Connecting to Printers via Wi-Fi

Images on the camera can be printed on a printer connected to the camera via Wi-Fi.

1 Press the button.

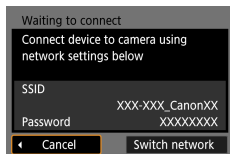
2



3 [Add a device to connect to]



4 Check the SSID and password.



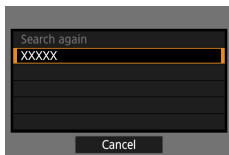


5 Connect to the camera from the printer.

- In the printer's Wi-Fi setting menu, choose the SSID (network name) displayed on the camera to establish a connection.
- In the password field on the printer, enter the password displayed on the camera.

6 Choose the printer.

- Choose the printer to connect to via Wi-Fi and press the button.
- Images on the memory card are displayed after the devices are connected via Wi-Fi.



7 Choose an image to print.

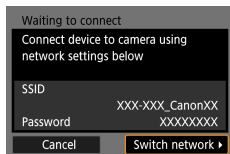
- Choose an image and press the button.
- Select or specify the items displayed, and then print.



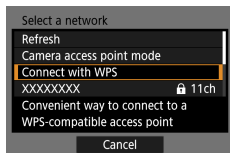
Establishing a Connection via an Access Point

The camera can connect to an access point that a printer is connected to, to print via the access point.

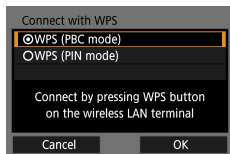
Connect the devices near the access point, because you will need to press the WPS button.



- 1 In step 4 of “Connecting to Printers via Wi-Fi” (📖 235), choose [Switch network].



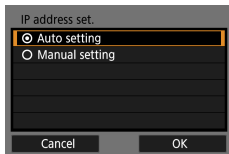
- 2 [Connect with WPS]



- 3 [WPS (PBC mode)] → [OK]



- 4 Press the WPS button on the access point.



5 [Auto setting] → [OK]

- The camera will connect to the access point.

6 Go to step 6 of “Connecting to Printers via Wi-Fi” (📖235).



- The PIN code displayed when you choose [WPS (PIN mode)] in [Connect with WPS] is entered on the access point. Choose a device on the [Select a device for connection] screen. For further details, refer to the user manual included with your access point.

Sending Images to a Computer Automatically

Images on the camera can be automatically sent to a computer connected to an access point (also set up for camera Wi-Fi connections) when the camera is within range, as when you bring the camera home after shooting.

Connecting via Wi-Fi



1 Connect the computer to the access point.

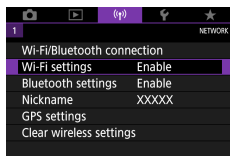
- Install Image Transfer Utility 2 on the computer.

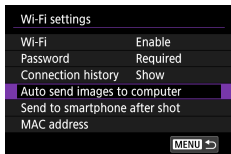
2 Start Image Transfer Utility 2.

3 In Image Transfer Utility 2, access the pairing settings screen.

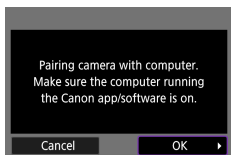
- The screen to set up pairing is shown when you follow the instructions displayed the first time Image Transfer Utility 2 starts up.

4 ((P)) [Wi-Fi settings]

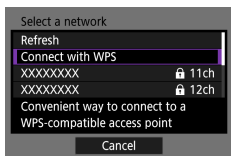




5 [Auto send images to computer] → [Auto send] → [Enable]



6 [OK]

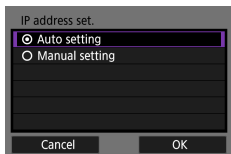


7 [Connect with WPS] → [WPS (PBC mode)] → [OK]

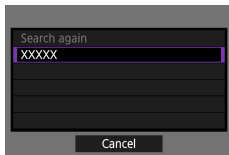


8 Press the WPS button.

- Press the WPS button on the access point to allow the camera to connect.



9 [Auto setting] → [OK]



10 Choose a computer.

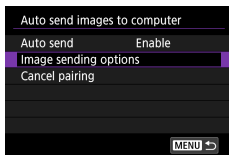
- Choose a computer for auto image transfer and press the button.



11 On the computer, choose the camera for pairing.

- Camera nicknames are shown on the pairing screen in Image Transfer Utility 2.
- Choose the camera to connect to and click [Pairing] to connect the computer and camera.

Setting Up Auto Image Transfer



12 Specify the sending options.

- For [Auto send images to computer] in step 5, choose [Image sending options] and specify the transfer conditions.

13 Turn the camera off.

Sending Images Automatically

- Following the sending options in step 12, images on the camera are automatically sent to the computer you are logged in to when you bring the camera within range of the access point and turn the camera on.



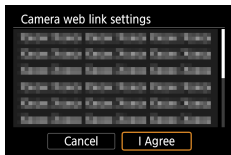
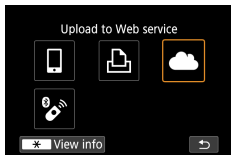
- When using auto image transfer, ensure that the battery pack has sufficient charge. Power saving on the camera is deactivated during image transfer.
- Any images captured after auto image transfer are not sent to the computer then. They are sent automatically when the camera is restarted.
- If auto image transfer to a computer does not begin automatically, try restarting the camera.
- To stop sending images automatically, choose [Auto send images to computer] → [Auto send] → [Disable].
- Images are not sent to a computer automatically while connected via USB (including connection to PD-E1).

Uploading Images to Web Services

● Registering image.canon

Connect the devices near the access point, because you will need to press the WPS button.

Note that you will need to enter an email address used on your computer or smartphone to receive a notification message for completing linkage settings.



1 Press the ((P)) button.

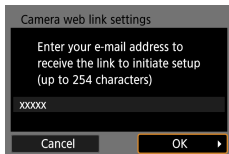
2 [☁️]

3 Accept the agreement to enter an email address.

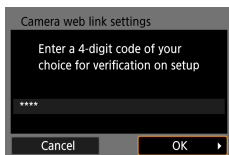
- Read the agreement displayed and choose [I Agree].

4 Establish a connection with an access point.

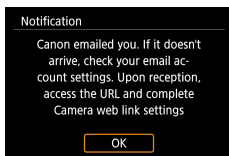
- [Connect with WPS] → [WPS (PBC mode)] → [OK]
- Press the WPS button on the access point.
- Choose [Auto setting] on the camera's [IP address set.] screen.



5 Enter your email address.

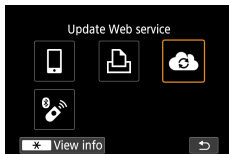


6 Enter a four-digit number of your choice.



7 Check for the notification message.

- [OK]

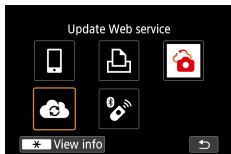


- [📱] now changes to [☁️].



8 Access the page in the notification message and complete camera link settings.

- Follow the instructions to complete the settings on the camera link settings page.



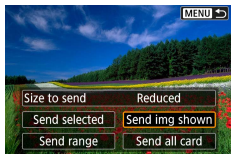
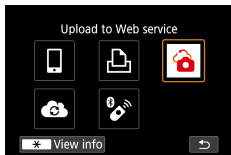
9 Choose .

- image.canon is now added as a destination Web service.



- Make sure initially that your computer or smartphone mail application is not configured to block email from relevant domains, which may prevent you from receiving the notification message.

● Uploading Images to image.canon



1 Press the (()) button.

2 Choose [🏠].

3 Send an image.

- Choose sending options and upload the image.
- After the image is sent, [OK] is displayed. Press the (()) button to return to the playback screen.

Streaming Images

Images can be live-streamed from the camera.

Check the YouTube streaming requirements in advance on the YouTube site.

Wireless Remote Control BR-E1 (sold separately) can be used exclusively in streaming. Before streaming, you will need to pair the camera with Wireless Remote Control BR-E1 (📖302).



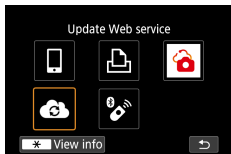
Set up [Live streaming] on the camera to enable streaming from the camera.

- Register the camera for image.canon and complete camera link settings as described in “Registering image.canon” (📖243).
- Complete the required streaming settings on the YouTube site.
- For instructions, visit the YouTube site.



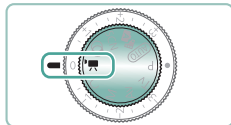
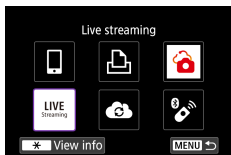
1 Enable YouTube streaming.

- Display the settings screen for connected Web services used with image.canon.
- Next to [YouTube], click or tap [Connect].
- Sign in to YouTube and allow image.canon access.



2 Choose .

- An icon is added for [Live streaming].



3 Enter mode.

- You can set the camera to movie recording mode and choose autoexposure or manual exposure movie recording.
(To set: button → [Shooting mode])



Streaming

- YouTube is the only streaming service supported by this camera.
- Before you can use streaming services, you must complete image.canon registration.
- YouTube streaming is subject to change, suspension, or termination without prior notice.
- Canon is in no way responsible for third-party services such as YouTube streaming.

- ! No image is recorded to the card during streaming (but a card must be in the camera).
- Images are streamed at approx. 6 Mbps for either [FHD 29.97P] (NTSC) or [FHD 25.00P] (PAL).
- Images are streamed horizontally, regardless of the [Add rotate info] setting.
- The battery pack is not charged if you stream while using USB Power Adapter PD-E1 (sold separately), and power is only supplied to the camera.
- Audio may be noisy during streaming. Check for noisy audio in advance by using [PRVW] (251), for example. If noise from the external microphone is distracting, try placing the external microphone on the left side of the camera (on the external microphone IN terminal side) as far from the camera as possible.
- It is not possible to pair the camera with Wireless Remote Control BR-E1 (sold separately) after you have set up streaming.
- Wireless Remote Control BR-E1 cannot be used while connected to the camera via Wi-Fi unless you are streaming.
- Remote control from a smartphone is not possible during streaming.

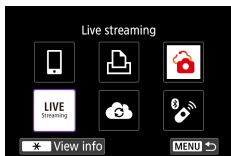
Live Streaming

You can also stream by selecting an event that you have set up in advance on the YouTube Live page (by entering the streaming time and title).

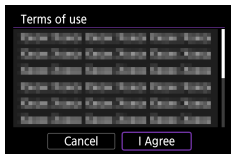


1 Complete event settings on the YouTube Live page.

- For instructions, visit the YouTube site.

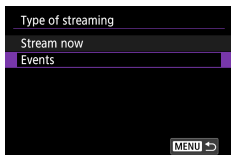


2 [Live streaming]

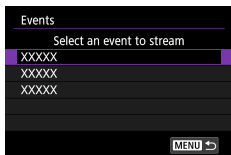


3 Check the terms of service.

- Read the agreement displayed and choose [I Agree].

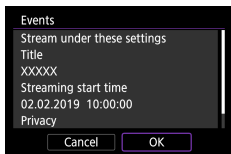


4 [Events]

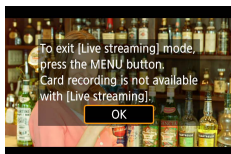


5 Choose an event.

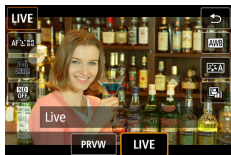
- Choose an event that you have entered in YouTube Live in advance.



6 Check the streaming details → [OK]



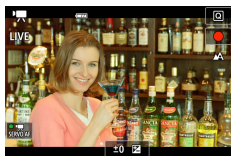
7 [OK]



8 Press the button.

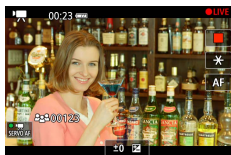
- Choose [PRVW] or [LIVE].
- [PRVW] (preview): Enables you to test streaming without releasing images publicly. Useful for checking images before streaming.

[LIVE]: Enables you to start streaming immediately by pressing the movie shooting button.



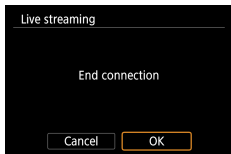
9 Start streaming.

- Configure recording features, just as in normal movie recording.
- When you are ready to start streaming, press the movie shooting button.
- Streaming begins after [Preparing preview] or [Preparing to stream] is displayed.
- [● PRVW] or [● LIVE] is displayed in the upper right during streaming.
- The time that has elapsed since you pressed the movie shooting button is shown in the upper left, with the number of viewers in the lower left.
- Check the YouTube Live page to see how the streamed image looks.



10 Stop streaming.

- Press the movie shooting button again to stop streaming.
- After checking the image with [PRVW], return to step 8 and choose [LIVE] to start streaming.



11 Exit live streaming mode.

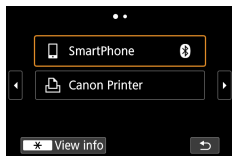
- Press the **MENU** button to choose [OK].



- It will take a moment before streaming begins in step 9. Do not operate the camera while the message is displayed.
- Up to 20 events are displayed.
- The number of viewers is not shown during previews.
- In case of display problems (character corruption) on the camera for text you entered on the YouTube page, enter the text again on the YouTube page in ASCII format (single-byte letters or numbers).

Reconnecting via Wi-Fi

Reconnecting to devices or Web services via Wi-Fi is possible once the connection settings are registered.



1 Press the ((⌘)) button.

2 From the past connections, choose a destination.

- If your destination is not shown, press the ◀▶ buttons to switch to other screens.
- For Web services, the connection is now complete.

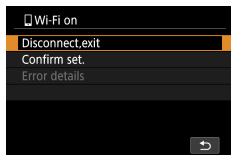
3 Prepare the other device.

- Prepare the other device by following the instructions displayed.

Ending Wi-Fi Connections

1 Press the ((⌘)) button.

2 [Disconnect,exit] → [OK]



Clearing Information of Devices Paired via Bluetooth

Cancel pairing with a smartphone as follows.



1 [Wi-Fi/Bluetooth connection] →
[Connect to smartphone]

2 [Edit/delete device]

3 Choose the smartphone with registered information to clear.

4 [Delete connection information] →
[OK]



5 Prepare the smartphone.

- In the Bluetooth system settings, clear the registered camera information.

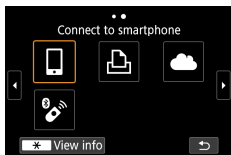
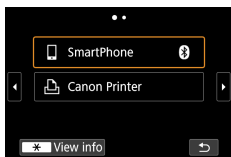
Changing or Deleting Connection Settings

Connection settings saved on the camera can be changed or deleted. Before changing or deleting connection settings, end the Wi-Fi connection.

1 Press the button.

2 Choose an item.

- On the screen at left, you can switch to other screens by pressing the buttons.
- On the screen at left, choose an item with connection settings to delete or change.



3 Choose [Edit/delete device].

- On the screen displayed, choose a device with connection settings to change, and then change the nickname or other information.
- You can change the Bluetooth connection by choosing a smartphone labeled with in gray. After the [Connect to smartphone] screen is displayed, choose [Pair via Bluetooth], and then press the button on the next screen.

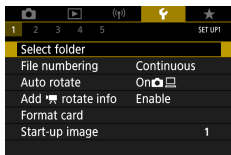
Function Settings

Make the camera easier to use by customizing or adjusting basic functions.

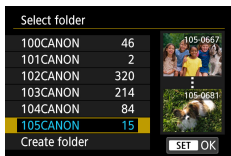
- These settings are configured on the **F** and **★** menu tabs. Customize commonly used functions, for greater convenience.
- These instructions apply to the camera in **P** mode.

Selecting and Creating Folders

You can select or create folders where images are saved. New folders can be created by selecting [Create folder] on the folder selection screen.



1 [Select folder]



2 Configure the settings.

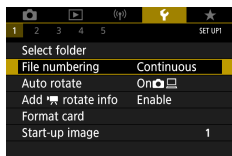
- Select folders: simply select a folder
- Create folders: [Create folder] → [OK]



- Folders are named as in 100CANON, with a three-digit folder number followed by five letters or numbers.
- Folders with numbers in the range 100 – 999 can be created.

Changing File Numbering

Your shots are automatically numbered in sequential order (0001 – 9999) and saved in folders that store up to 9,999 images each. You can change how the camera assigns file numbers.



1 [File numbering] → [Numbering] or [Manual reset]

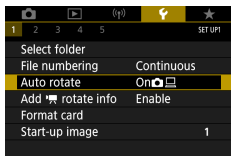
Continuous	Images are numbered consecutively (until the 9999th shot is taken/saved) even if you switch memory cards or folders.
Auto reset	Image numbering is reset to 0001 if you switch memory cards, or when a new folder is created.
Manual reset	Creates a new folder and starts numbering images from 0001.



- Regardless of the option selected in this setting, shots may be numbered consecutively after the last number of existing images on newly inserted memory cards. To start saving shots from 0001, use an empty (or formatted) memory card.

Configuring Auto Rotation of Vertical Images

You can change the auto rotation setting that straightens images shot in vertical orientation when they are displayed.

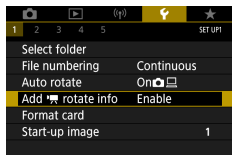


1 [Auto rotate]

On	Automatically rotate images during playback on both the camera and computers.
On	Automatically rotate images during playback on computers.
Off	Do not automatically rotate images.

Adding Orientation Information to Movies

For movies recorded with the camera held vertically, orientation information indicating which side is up can be added automatically to enable playback in the same orientation on smartphones or other devices.



1 [Add rotate info]

Enable	Play movies on smartphones or other devices in the orientation in which they were recorded.
Disable	Play movies horizontally on smartphones or other devices, regardless of the recording orientation.

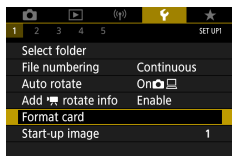
* These movies are played horizontally on the camera, regardless of the [Add rotate info] setting.

Formatting Memory Cards

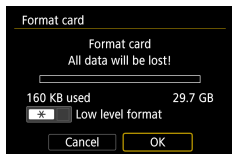
Before using a new memory card or a card formatted in another device, you should format the card with this camera.

Low-level formatting may be helpful if the camera is not working correctly, reading/writing of images on the memory card is slower, continuous shooting is slower, or movie recording suddenly stops.

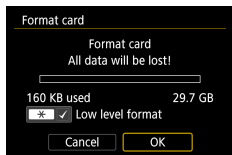
Both regular and low-level formatting erase all data on a memory card, which cannot be recovered.



1 [Format card]



- Format: [OK]



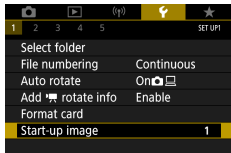
- Low-level format: button to select [✓]
→ [OK]



- Formatting or erasing data on a memory card only changes file management information on the card and does not erase the data completely. When disposing of or transferring ownership of memory cards, take steps to protect personal information if necessary, as by physically destroying cards.
- The total card capacity indicated on the formatting screen may be less than the advertised capacity.
- Low-level formatting takes longer than initial formatting, because data is erased from all storage regions of the memory card.
- You can cancel low-level formatting in progress by choosing [Cancel]. In this case, all data will be erased, but the memory card can be used normally.

Setting Start-up Screen Display

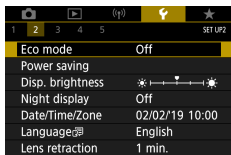
Specify display of the start-up screen shown when you turn the camera on.



1 [Start-up image]

Using Eco Mode

This function allows you to conserve battery power in shooting modes. When the camera is not in use, the screen darkens to save battery life.

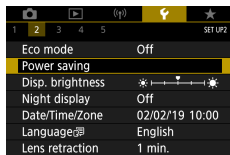


1 [Eco mode]

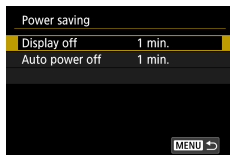
On	The screen darkens when the camera is not used for approximately two seconds; approximately ten seconds after darkening, the screen turns off. The camera turns off after approximately three minutes of inactivity. To activate the screen and prepare for shooting when the screen is off but the lens is still out, press the shutter button halfway.
Off	Do not use Eco mode.

Adjusting Power-Saving Features

Adjust the timing of automatic camera and screen deactivation (Auto power off and Display off, respectively) as needed.



1 [Power saving]



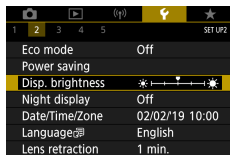
2 Configure the settings.



- To conserve battery power, you should normally choose [Power saving] → [Display off] and [Auto power off] → [1 min.] or less.
- The [Display off] setting is applied even if you set [Auto power off] to [Disable].

Adjusting Screen Brightness

Adjust screen brightness as follows.



1 [Disp. brightness]



2 Configure the settings.

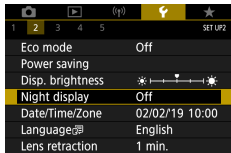
- buttons →



- For maximum brightness (regardless of the [Disp. brightness] setting), press and hold the button for at least one second from the shooting screen or during single-image display. To restore the original brightness, press and hold the button again for at least one second or restart the camera.

Switching the Color of Screen Information

Information displayed on the screen and menus can be changed to a color suitable for shooting under low-light conditions. Enabling this setting is useful in modes such as [📷], [📷], [📷], and [📷].



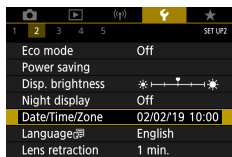
1 📷 [Night display]



- To return 📷 [Night display] to [Off], hold down the ▼ button for at least one second on the shooting screen or during playback with single-image display.

Adjusting the Date, Time, and Time Zone

Adjust the date, time, and time zone.



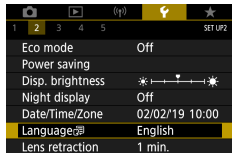
1 [Date/Time/Zone]

2 Configure the settings.

- Follow steps 2 – 3 in “Setting the Date, Time, Time Zone, and Language” (25) to adjust the settings.

Changing the Language

The current display language can be changed.



1 [Language]

2 Configure the settings.

- ▲/▼/◀▶ buttons to choose a language
→ button

Lens Retraction Timing

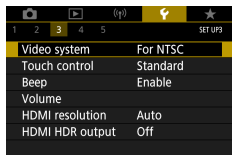
The lens is normally retracted for safety about one minute after you press the button in shooting modes. To have the lens retracted immediately after you press the button, set the retraction timing to [0 sec.].

1	2	3	4	5	SET UP2
Eco mode	Off				
Power saving					
Disp. brightness					
Night display	Off				
Date/Time/Zone	02/02/19 10:00				
Language	English				
Lens retraction	1 min.				

1 [Lens retraction]

Setting the Video System

Set the video system of any television used for display. This setting determines the image quality (frame rate) available for movies.

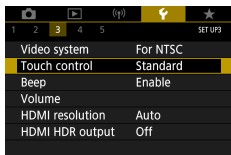


1 [Video system]

For NTSC	For areas using the NTSC TV system, such as North America, Japan, South Korea, and Mexico.
For PAL	For areas using the PAL TV system, such as Europe, Russia, China, and Australia.

Adjusting the Touch-Screen Panel

Sensitivity of the touch-screen panel can be increased to respond to a lighter touch, or you can disable touch control.



1 [Touch control]

- To increase panel sensitivity: [Sensitive]
- To deactivate the panel: [Disable]

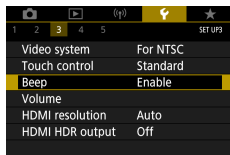


- Increase the sensitivity of the touch-screen panel if gestures are not easily detected.
- Take the following precautions when using the touch-screen panel.
 - The screen is not pressure sensitive. Do not use sharp objects such as fingernails or ballpoint pens for touch operations.
 - Do not perform touch-screen operations when your fingers are wet.
 - If you perform touch-screen operations when the screen or your fingers are wet, the camera may not respond, or it may malfunction. In this case, turn the camera off and dry the screen with a cloth.
 - Do not apply screen protectors or adhesive film purchased separately. This may reduce the responsiveness of touch operations.
- The camera may be less responsive if you perform touch operations quickly when the setting is set to [Sensitive].



Adjusting Beeping

Specify whether the camera plays sounds when you press the shutter button halfway or use the self-timer.

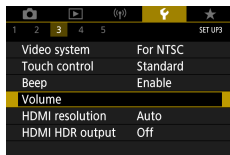


1 [Beep]

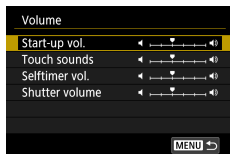


Adjusting the Volume

Adjust the volume of individual camera sounds.



1 [Volume]

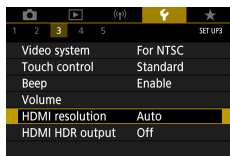


2 Configure the settings.

- button → buttons

Setting the HDMI Output Resolution

Set the output resolution used for camera images when connected to a television or external recording device with an HDMI cable.

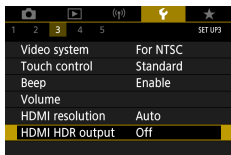


1 [HDMI resolution]

Auto	Images are automatically displayed at optimal resolution for connected televisions.
1080p	Output at 1080p resolution. Select if you prefer to avoid display or delay issues when switching resolution.

RAW Playback on an HDR TV

You can view RAW images in HDR by connecting the camera to an HDR TV.



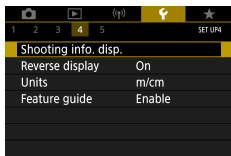
1 [HDMI HDR output]



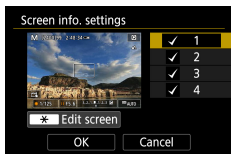
- For image color display matching HDR TV characteristics, choose [HDMI HDR output] → [On].
- Make sure the HDR TV is set up for HDR input. For details on how to switch inputs on the TV, refer to the TV manual.
- HDR output is not available for images in sets (rolls) captured in RAW burst mode.
- Depending on the TV used, images may not look as expected.
- Some image effects and information may not be displayed on an HDR TV.

Customizing Shooting Information Display

You can customize the details and screens of information shown on the camera when you shoot. Grid and histogram display can also be configured.



1 [Shooting info. disp.] → [Screen info. settings]



2 Press the ▲/▼ buttons and select screens.

- For screens you prefer not to display, press the button to clear [✓].
- To edit the screen, press the button.



3 Edit the screen.

- Use the ▲/▼ buttons to navigate items.
- Use the button to add a [✓] next to items to display.
- Choose [OK] to apply your settings.

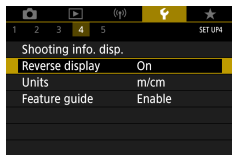


- You can set whether to display a red frame on the shooting screen during movie recording by configuring [Shooting info. disp.] → [Recording emphasis] in Movie mode.
- Settings for the aspect marker shown on the shooting screen can be configured in [Shooting info. disp.] → [Aspect marker] in Movie mode.
- Grid display can be configured via [Shooting info. disp.] → [Grid display].
- To switch from a brightness histogram to an RGB histogram or adjust the display size, choose [Shooting info. disp.] → [Histogram disp].



Setting Reverse Display

Specify whether to display a mirror image when shooting with the screen rotated around toward the front.



1 [Reverse display]



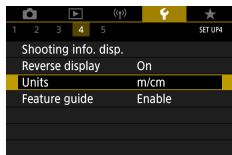
280





Metric / Non-Metric Display

Change the unit of measurement shown in the zoom bar (📖98), the MF indicator (📖101), and elsewhere from m/cm to ft/in as needed.



1 🗨 [Units]

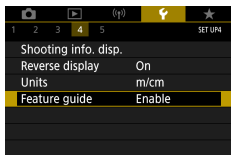


281



Configuring the Feature Guide

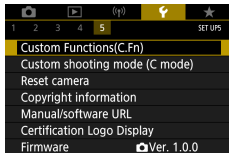
Specify whether to display feature guidance when items are selected on the Quick Control screen.



1 [Feature guide]

Configuring Custom Functions

Configure Custom Functions for advanced camera customization.



1 [Custom Functions(C.Fn)]



2 Choose an item.

- buttons → button

3 Configure the settings.

C.Fn I:Exposure Safety shift	Set to [1:Enabled] for automatic adjustment of the shutter speed and aperture value to bring the exposure level closer to standard exposure if standard exposure would not be available otherwise under your specified shutter speed or aperture value in Tv or Av mode.
C.Fn II:Others Control ring rotation	Change the direction of ring rotation.
C.Fn II:Others Control dial rotation	Change the direction of dial rotation.
C.Fn II:Others Custom Controls	Customize functions of buttons, such as the shutter button.



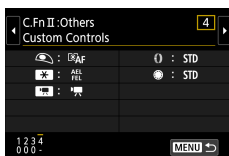
- When C.Fn-2 or C.Fn-3 is set to [1:Reverse direction], changing the direction of rotation only applies to shutter speed, aperture value, or Program Shift adjustment, as assigned to the ring or dial.
- To restore [Custom Functions(C.Fn)] defaults (except [Custom Controls] settings), choose [Reset camera] → [Other settings] → [Custom Function(C.Fn)] → [OK].

Customizing Buttons

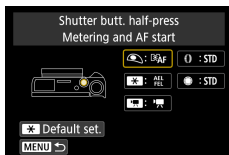
Customize functions of buttons, such as the shutter button.

* (AE lock) button, ring, and dial settings apply to **P/Tv/Av/M/C** modes.

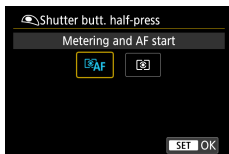
[Shutter butt. half-press] and [Movie shooting button] settings apply to **P/Tv/Av/M/C** modes.



1 [C.Fn II:Others Custom Controls]



2 Choose a button.



3 Choose a function.



- You can assign [Exposure compensation] functionality to the ring. To adjust exposure compensation with the dial, choose [] on the Custom Controls setting screen, choose [], return to the shooting screen, and set the exposure compensation dial to the [] position.
- In **P** mode with the exposure compensation dial set to [] and the ring and dial set to [STD], exposure compensation can be adjusted with the dial while the metering timer is running.
- Options you can set with the ring vary depending on the shooting mode (whether the camera is in **P/Tv/Av**¹ mode, or **M**² mode).
- To restore [Custom Controls] defaults, choose [Reset camera] → [Other settings] → [Custom Controls] → [OK].
- Some functions you configure may not apply (may be disabled) in Movie mode.

Options you can set when [STD] is assigned

Items	Settings	Shooting Modes		
		P	Tv	Av
ring	STD	Program shift	Shutter speed	Aperture value
dial	STD	—	—	—

* When the ring is not assigned to [STD] but the dial is, you can use the dial to set Program Shift in **P** mode, shutter speed in **Tv** mode, or aperture value in **Av** mode.

* When the dial is assigned to [STD] in **M** mode, you can use it to set shutter speed (or aperture value) when the ring is assigned to [**Av**] (or [**Tv**]).

Custom Shooting Modes (C Mode)

Save commonly used shooting modes and your configured function settings for reuse. To access saved settings later, simply turn the mode dial to **C**. Even settings that are usually cleared when you switch shooting modes or turn the camera off can be retained this way.

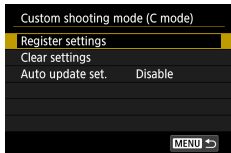
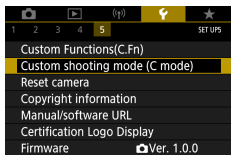
Settings That Can Be Saved

- Shooting modes (**P/Tv/Av/M**)
- Features set in **P/Tv/Av/M** modes (with some exceptions)
- Zoom positions
- Manual focus positions (📖101)

1 Enter a shooting mode with settings you want to save, and change the settings as desired.

2 📌 [Custom shooting mode (C mode)]

3 [Register settings]

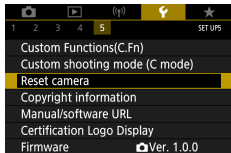




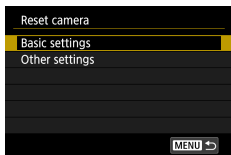
- To edit saved settings (other than shooting mode), choose **C**, change the settings, and then choose [Custom shooting mode (C mode)] → [Register settings] again. These setting details are not applied in other shooting modes.
- To reset saved settings to their defaults, choose [Custom shooting mode (C mode)] → [Clear settings].
- To automatically update your saved settings with any changes to settings that you make while shooting in **C** mode, set [Custom shooting mode (C mode)] → [Auto update set.] → [Enable].

Restoring Default Camera Settings

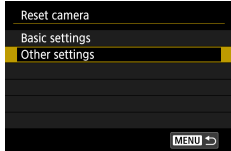
Restore default camera settings in **P/Tv/Av/M** modes.



1 [Reset camera]



- Clear basic settings: [Basic settings] → [OK]



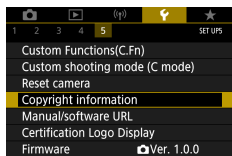
- Clear other settings: [Other settings] → choose an item → [OK]



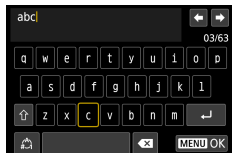
- Basic settings such as [Language] and [Date/Time/Zone] are not restored to defaults.

Setting Copyright Information to Record in Images

Your specified author's name and copyright details can be recorded in your shots.



- 1 [Copyright information] → [Enter author's name] or [Enter copyright details]



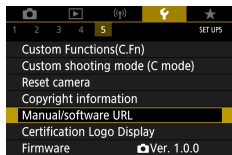
- Enter a name → **MENU** button → [OK]



- To check the information entered, choose [Copyright information] → [Display copyright info.].
- You can delete both the registered author's name and copyright details at the same time by choosing [Copyright information] → [Delete copyright information], but copyright information already recorded in images is not deleted.

Downloading Manuals/Software from a QR Code

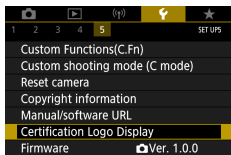
A QR code can be displayed on the camera screen to access a webpage for downloading instruction manuals and software.



1 [Manual/software URL]

Displaying Certification Logos

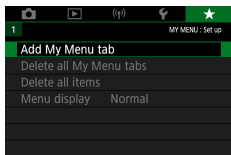
Some logos for certification requirements met by the camera can be viewed on the screen.



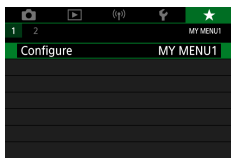
1 [Certification Logo Display]

Saving Commonly Used Shooting Menu Items (My Menu)

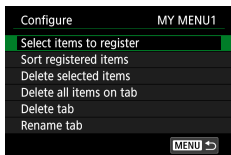
You can save up to six commonly used shooting menu items on the ★ tab. By customizing the ★ tab, you can access these items quickly from a single screen.



1 ★ [Add My Menu tab] → [OK]

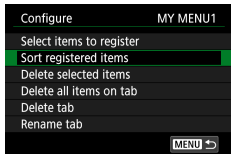


2 ★ [Configure]



3 [Select items to register]

- Choose an item → [OK]
- Your selected items are added to the My Menu tab.



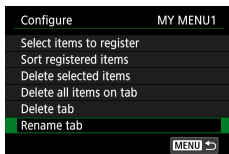
Rearranging the items

- [Sort registered items] → choose an item to move → ▲/▼ buttons to move → button



- You can add up to [★5] My Menu tabs.
- Choosing [Configure] → [Delete all items on tab] → [OK] on your added My Menu tab will delete all items added to the tab.

Renaming My Menu Tabs

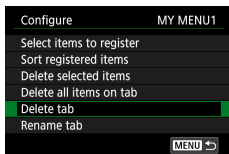


1 [Rename tab]

2 Change the tab name.

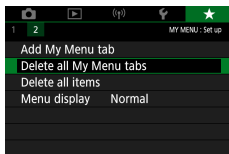
- Enter a tab name → **MENU** button → [OK]

Deleting a My Menu Tab



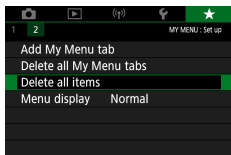
1 [Delete tab]

Deleting All My Menu Tabs



1 ★ [Delete all My Menu tabs]

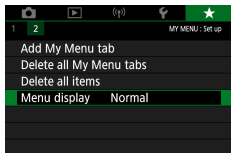
Deleting All Added Items



1 ★ [Delete all items]

Customizing My Menu Display

Specify which screen is displayed when the **MENU** button is pressed in shooting modes.



1 ★ [Menu display]

Normal display	Display the most recent menu, as shown for your previous operation.
Display from My Menu tab	Start display from ★ tab screens.
Display only My Menu tab	Restrict display to ★ tab screens.

Accessories

Enjoy the camera in more ways with optional Canon accessories and other compatible accessories sold separately.

Use of genuine Canon accessories is recommended.

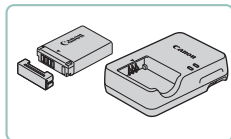
This product is designed to achieve excellent performance when used with genuine Canon accessories.

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 any repairs your Canon product may require as a result of such malfunction are not covered under warranty and will incur a fee.

Optional Accessories

The following camera accessories are sold separately. Note that availability varies by area, and some accessories may no longer be available.

Power Supplies

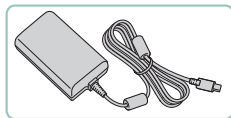


Battery Pack NB-13L

- Rechargeable lithium-ion battery

Battery Charger CB-2LH Series

- Charger for Battery Pack NB-13L



USB Power Adapter PD-E1

- Adapter for using the camera with household power



- The battery charger and USB power adapter can be used in areas with 100 – 240 V AC power (50/60 Hz).
- For power outlets in a different format, use a commercially available adapter for the plug. Never use an electrical transformer designed for traveling, which may damage the battery pack.

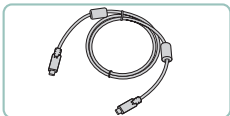
Flash



High-Power Flash HF-DC2

- External flash for illuminating subjects that are out of range of the built-in flash.

Others



Interface Cable IFC-100U

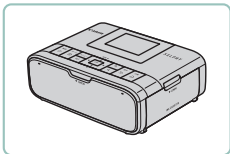
- For connecting the camera to a computer



Wireless Remote Control BR-E1

- Bluetooth enabled wireless remote control

Printers



Canon PictBridge-Compatible Printers

- Even without using a computer, you can print images by connecting the camera directly to a printer.

Using Optional Accessories

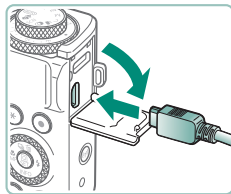
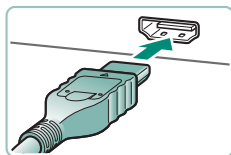
● Playback on a TV

You can view your shots on a TV by connecting the camera to an HDTV with a commercially available HDMI cable (not exceeding 2.5 m / 8.2 ft., with a Type D terminal on the camera end). You can also shoot while previewing shots on the larger screen of the TV.

For details on connection or how to switch inputs, refer to the TV manual.

1 Make sure the camera and TV are off.

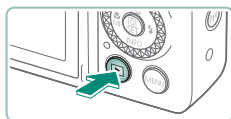
2 Connect the camera to the TV.



3 Turn the TV on and switch TV input to the connected terminal.

4 Switch to playback.

- Images from the camera are now displayed on the TV. (Nothing is displayed on the camera screen.)





- Some information may not be displayed when viewing images on a TV.
- During HDMI output, display of the next image may take some time if you switch between 4K and HD movies, or movies of different frame rates.

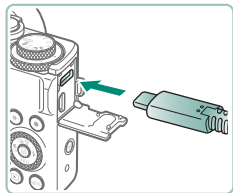


299

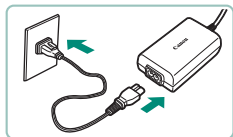


Using a USB Power Adapter to Charge/Power the Camera

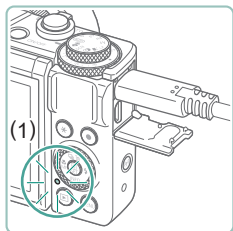
With USB Power Adapter PD-E1 (sold separately), you can use the camera while charging the battery without removing it.



- 1 Make sure the camera is off.**
- 2 Connect the USB power adapter.**
 - Insert the adapter plug as shown.





- 3 Connect the power cord.**
 - Connect the power cord to the USB power adapter and plug the other end into a power outlet.



- The charging lamp (1) turns orange, and charging begins.
- Turn the camera on to use it while charging the battery (except when shooting or standing by to shoot).
- The lamp turns off when charging finishes.

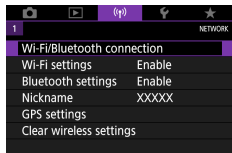


- Icon meanings are as follows.
: charging/powering the camera, : powering the camera only, **FULL**: fully charged
- To protect the battery pack and keep it in optimal condition, do not charge it continuously for more than 24 hours.
- If the charging lamp fails to light up or a problem occurs during charging (shown by the indicator on the back of the camera blinking in orange), unplug the power cord, reattach the battery, and wait a few minutes before plugging it in again. If the problem persists, contact a Customer Support Help Desk.
- The charging time required and the amount charged vary depending on ambient temperature and remaining capacity.
- For safety reasons, recharging in low temperatures will take longer.



Shooting Remotely

Wireless Remote Control BR-E1 (sold separately) can be used to shoot. Also refer to the wireless remote control instruction manual for additional information.



1 Pair the devices.

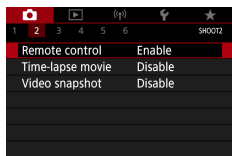
- ((P)) [Wi-Fi/Bluetooth connection] → [📶] (Connect to Wireless Remote) → [Add a device to connect to]

2 Hold down both the W and T buttons on the BR-E1 for at least three seconds.

- The devices are now paired.

3 Set up the camera for remote shooting.

- Stills: ▲ button → [📷]
- For movie recording, make sure [📷] [Remote control] is set to [Enable].



4 Shoot.

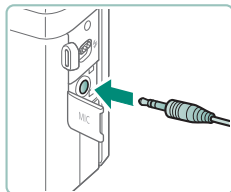
- For movie recording, set the remote control's release timing/movie shooting switch to [📷] and press the release button.



- Auto power off is triggered in about two minutes, even if you have set it for one minute or less.
- To clear pairing information, choose ((P)) [Wi-Fi/Bluetooth connection] → [🗑️] → [Delete connection information] → [OK].

Using an External Microphone

To record with an external microphone (📖 32), connect a commercially available external microphone with a mini plug (3.5 mm diameter) to the external microphone IN terminal. Note that the built-in microphone is not used for recording when an external microphone is connected.



1 Connect the external microphone.

- Insert the external microphone plug as shown.

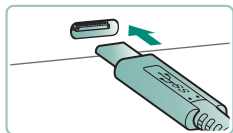
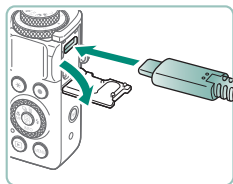


- Any attenuator settings you have configured are also applied to recording with the external microphone.
- Connecting an external microphone will deactivate [Wind filter].



Saving Images to a Computer

You can save images you have captured to a computer by connecting the camera to the computer with Interface Cable IFC-100U (sold separately; camera end: Type-C). For details on computer connections, refer to the computer user manual.



1 Make sure the camera is off.

2 Connect the camera to the computer.

3 Turn the camera on.

4 Save the images to the computer.

- To open images, use preinstalled or commonly available software.



- You can also use a card reader to transfer images.

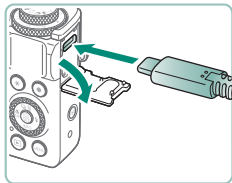


Printing Images

Print your shots by connecting the camera to a PictBridge-compatible printer with a USB cable (sold separately; camera end: Type-C). A Canon SELPHY CP series compact photo printer is used here for the sake of illustration. Screens displayed and available functions vary by printer. Also refer to the printer manual for additional information.

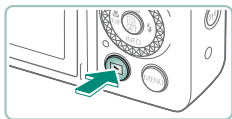
1 Make sure the camera and printer are off.

2 Connect the camera to the printer.




3 Turn the printer on.

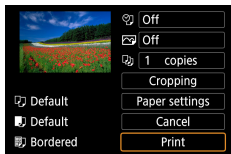
4 Switch to playback and choose an image.





5 Access the printing screen.

-  button → [Print image]



6 [Print]

Appendix

Handling Precautions

- The camera is a high-precision electronic device. Avoid dropping it or subjecting it to strong impact.
- Never bring the camera near magnets, motors, or other devices that generate strong electromagnetic fields. Strong electromagnetic fields may cause malfunction or erase image data.
- If water droplets or dirt adheres to the camera or screen, wipe with a dry soft cloth, such as an eyeglass cloth. Do not rub hard or apply force.
- Never use cleaners containing organic solvents to clean the camera or screen.
- Use a blower brush to remove dust from the lens. If cleaning is difficult, contact a Customer Support Help Desk.
- Store unused battery packs in a plastic bag or other container. To maintain battery performance if you will not use the battery pack for some time, about once a year charge it and then use the camera until it runs out of power before storing the battery pack.



Troubleshooting

If you think there is a problem with the camera, first check the following. If the issue persists, contact a Customer Support Help Desk.

■ Power

Nothing happens when the ON/OFF button is pressed.

- Dirty battery terminals reduce battery performance. Try cleaning the terminals with a cotton swab and reinserting the battery pack a few times.

The battery pack runs out of power quickly.

- Battery performance decreases at low temperatures. Try warming the battery pack a little by putting it in your pocket, for example, ensuring that the terminals do not touch any metal objects.
- Dirty battery terminals reduce battery performance. Try cleaning the terminals with a cotton swab and reinserting the battery pack a few times.
- If these measures do not help and the battery pack still runs out of power soon after charging, it has reached the end of its useful life. Purchase a new battery pack.

The battery pack is swollen.

- Battery swelling is normal and does not pose any safety concerns. However, if battery swelling prevents the battery pack from fitting in the camera, contact a Customer Support Help Desk.

■ Shooting

Cannot shoot.

- During playback, press the shutter button halfway.



Strange display on the screen when shooting.

- Note that the following display problems are not recorded in still images but are recorded in movies.
 - The screen may flicker and horizontal banding may appear under fluorescent or LED lighting.

Movie recording or playback suddenly stops.

- For [4K 29.97P], [4K 23.98P], or [4K 25.00P], use a UHS-I memory card with a UHS Speed Class 3 or higher.
- For High Frame Rate movies, use a UHS-I memory card with a UHS Speed Class 3 or higher.
- For playback of 4K time-lapse movies (1), Full HD time-lapse movies (2), or Hybrid Auto movies (3), use a memory card with a read speed of approx. (1) 300 Mbps or (2)/(3) 90 Mbps or faster. Using a slow memory card may cause movie playback in progress to stop.

[🔋] is displayed and the camera turns off automatically.

- After extended shooting, or shooting in hot weather, [🔋] is displayed to indicate that the camera will soon turn off automatically. In this case, turn off the camera and allow it to cool down.

Continuous shooting is much slower.

- Under high temperatures, continuous shooting may be much slower. In this case, turn off the camera and allow it to cool down.

[🔥] is displayed.

- [🔥] may be displayed after repeated movie recording under the following settings, or if you keep the camera standing by for movie recording over extended periods.
 - 4K movie recording
 - High frame rate movie recording
 - Movie recording while connected via Wi-Fi

The camera turns off automatically in approx. 3 min. if you continue recording while [🔥] is displayed. The camera may also turn off automatically while standing by for movie recording when [🔥] is displayed. When [🔥] is displayed, turn off the camera and allow it to cool down.

- The date/time/zone must be set to enable normal camera temperature control. Once the date/time/zone are set, temperature warnings can be displayed correctly.
- If [Overheated! Shutting down.] is displayed, turn off the camera and wait at least 5 min. Note that the camera should be off for 20 min. or more if you will record a 4K movie up to 9 min. 59 sec. or a high frame rate movie up to 7 min. 29 sec. (Actual movie recording times may be shorter, depending on the recording environment and conditions of use.)

Image quality is poor.

- Image quality may decline if you shoot while the camera's internal temperature is high.

Shots are out of focus.

- Confirm that unneeded functions such as macro are deactivated.
- Try shooting with AF lock.

No AF points are displayed and the camera does not focus when the shutter button is pressed halfway.

- To have AF points displayed and the camera focus correctly, try composing the shot with higher-contrast subject areas centered before pressing the shutter button halfway (or pressing it halfway repeatedly).

Subjects in shots look too dark.

- Adjust brightness by using exposure compensation.
- Use AE lock or spot metering.

Subjects look too bright, highlights are washed-out.

- Adjust brightness by using exposure compensation.
- Use AE lock or spot metering.
- Reduce the lighting on subjects.

Shots look too dark despite the flash firing.

- Adjust brightness by using flash exposure compensation or changing the flash output level.
- Increase the ISO speed.

Subjects in flash shots look too bright, highlights are washed-out.

- Adjust brightness by using flash exposure compensation or changing the flash output level.

■ Recording Movies

Subjects look distorted.

- Subjects that pass in front of the camera quickly may look distorted.

■ Wi-Fi

Cannot access the Wi-Fi menu by pressing the (Wi-Fi) button.

- The Wi-Fi menu cannot be accessed while the camera is connected to a printer or computer via a cable. Disconnect the cable.

Cannot connect to the access point.

- Confirm that the access point channel is set to a channel supported by the camera. Note that instead of auto channel assignment, it is advisable to specify a supported channel manually. For details on supported channels, check the Canon website.

Images take a long time to send. / The wireless connection is disrupted.

- Do not use the camera near sources of Wi-Fi signal interference such as microwave ovens or other equipment operating on the 2.4 GHz band.
- Bring the camera closer to the other device you are trying to connect to (such as the access point), and make sure there are no objects between the devices.

Cannot pair with a smartphone via Bluetooth.

- Pairing with a smartphone via Bluetooth is not possible if you are using Wireless Remote Control BR-E1.

■ Error Codes

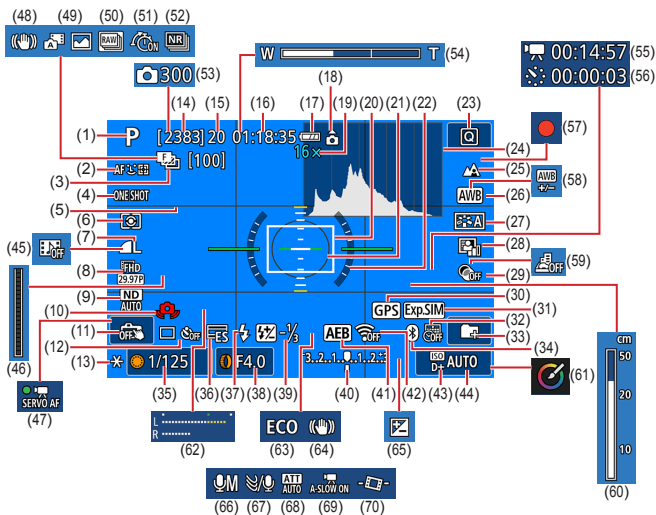
Error codes (Errxx) and recommended responses are displayed.

- Error codes are displayed if camera problems occur. If the problem persists, write down the error code (Errxx) and contact a Customer Support Help Desk.
- Error numbers for wireless communication errors (Errxx) are shown in the upper right of the (📶) [Wi-Fi/Bluetooth connection] screen. Press the ✖ button to view error details on information display screens.











On-Screen Information

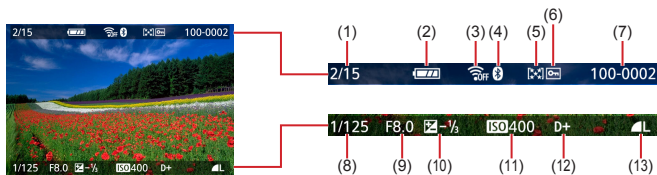
When Shooting



- | | |
|--------------------------------------|--|
| (1) Shooting mode, Scene icon | (9) ND filter |
| (2) AF method | (10) Camera shake warning |
| (3) Focus bracketing/Number of shots | (11) Touch Shutter |
| (4) AF operation | (12) Drive mode/Self-timer |
| (5) Grid lines | (13) AE lock |
| (6) Metering mode | (14) Recordable shots/Recordable rolls |
| (7) Image quality | |
| (8) Movie recording quality | |

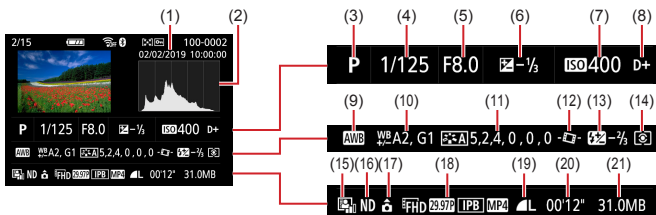
- (15) Maximum continuous shots/
Maximum continuous  rolls
(fixed at 1)
- (16) Movie recording time available
- (17) Battery level
- (18) Movie orientation indicator
- (19) Zoom magnification,
Digital tele-converter
- (20) AF point
- (21) Spot AE point frame
- (22) Electronic level
- (23) Quick Control
- (24) Histogram
- (25) Focus range
- (26) White balance
- (27) Picture Style
- (28) Auto Lighting Optimizer
- (29) Creative filters
- (30) Bluetooth smartphone connection,
GPS acquisition status
- (31) Exposure simulation
- (32) Date stamp
- (33) Create folder
- (34) Bluetooth connection status
- (35) Shutter speed
- (36) Electronic shutter
- (37) Flash mode/FE lock
- (38) Aperture value
- (39) Flash exposure compensation/
Flash output level
- (40) Exposure level indicator
- (41) AEB
- (42) Wi-Fi signal strength
- (43) Highlight tone priority
- (44) ISO speed
- (45) Video snapshot
- (46)  Indicator
- (47) Movie Servo AF
- (48) Intelligent IS
- (49) Hybrid Auto mode/Digest type
- (50) RAW burst mode
- (51)  Pre-shooting
- (52) Multi Shot Noise Reduction
- (53)  Number of shots
- (54) Zoom bar
- (55)  Time required
- (56)  Interval
- (57) Self-portrait movie
- (58) White balance correction
- (59) Miniature effect movie
- (60) MF indicator
- (61) Creative Assist
- (62) Audio recording level meter
- (63) Eco mode
- (64) Image stabilization
- (65) Exposure compensation
- (66) Audio recording mode
- (67) Wind filter
- (68) Attenuator
- (69)  Auto slow shutter
- (70)  Auto level

During Playback



- | | |
|---------------------------------|----------------------------------|
| (1) Current image/Total images | (8) Shutter speed |
| (2) Battery level | (9) Aperture value |
| (3) Wi-Fi signal strength | (10) Exposure compensation level |
| (4) Bluetooth connection status | (11) ISO speed |
| (5) Rating | (12) Highlight tone priority |
| (6) Protection | (13) Image quality* |
| (7) Folder number – File number | |

*Images captured with a creative filter, RAW image processing, resizing, Creative Assist, cropping, or red-eye correction applied are labeled with [🔍]. Cropped images are labeled with [📐].



- | | |
|------------------------------------|---|
| (1) Shooting date/time | (12) Auto level |
| (2) Histogram | (13) Flash exposure compensation/
Multi Shot Noise Reduction |
| (3) Shooting mode/RAW burst mode | (14) Metering mode |
| (4) Shutter speed | (15) Auto Lighting Optimizer |
| (5) Aperture value | (16) ND filter |
| (6) Exposure compensation level | (17) Movie rotation info |
| (7) ISO speed | (18) Movie recording size |
| (8) Highlight tone priority | (19) Image quality* |
| (9) White balance | (20) Movie recording time/
RAW burst mode |
| (10) White balance correction | (21) File size |
| (11) Picture Style setting details | |

*Images captured with a creative filter, RAW image processing, resizing, Creative Assist, cropping, or red-eye correction applied are labeled with . Cropped images are labeled with .

Precautions for Wireless Features

- Before goods or technologies in the camera regulated by the Foreign Exchange and Foreign Trade Act are exported (which includes bringing them outside Japan or showing them to non-residents in Japan), export or service transaction permission may be required from the Japanese government.
- Because this product includes American encryption items, it falls under U.S. Export Administration Regulations, and cannot be exported to or brought into a country under U.S. trade embargo.
- Be sure to make notes of the Wi-Fi settings you use. The wireless settings saved to this product may change or be erased due to incorrect operation of the product, the effects of radio waves or static electricity, or accident or malfunction. Please note that Canon accepts no responsibility for direct or indirect damages or loss of earnings resulting from a degradation or disappearance of content.
- When transferring ownership, disposing of the product, or sending it for repair, restore the default wireless settings by erasing any settings you have entered.
- Canon will not make compensation for damages resulting from loss or theft of the product.
Canon accepts no responsibility for damages or loss resulting from unauthorized access or use of target devices registered on this product due to loss or theft of the product.
- Be sure to use the product as directed in this guide.
Be sure to use the wireless function of this product within the guidelines noted in this guide. Canon accepts no responsibility for damages or loss if the function and product are used in ways other than as described in this guide.

Security Precautions

Because Wi-Fi uses radio waves to transmit signals, security precautions more stringent than when using a LAN cable are required.

Keep the following points in mind when using Wi-Fi.

- Only use networks you are authorized to use.
This product searches for Wi-Fi networks in the vicinity and displays the results on the screen. Networks you are not authorized to use (unknown networks) may also be displayed. However, attempting to connect to or using such networks could be regarded as unauthorized access. Be sure to use only networks you are authorized to use, and do not attempt to connect to other unknown networks.

If security settings have not been properly set, the following problems may occur.

- Transmission monitoring
Third parties with malicious intent may monitor Wi-Fi transmissions and attempt to acquire the data you are sending.
- Unauthorized network access
Third parties with malicious intent may gain unauthorized access to the network you are using to steal, modify, or destroy information. Additionally, you could fall victim to other types of unauthorized access such as impersonation (where someone assumes an identity to gain access to unauthorized information) or springboard attacks (where someone gains unauthorized access to your network as a springboard to cover their tracks when infiltrating other systems).

To prevent these types of problems from occurring, be sure to thoroughly secure your Wi-Fi network.

Only use this camera's Wi-Fi function with a proper understanding of Wi-Fi security, and balance risk and convenience when adjusting security settings.

Third-Party Software

- AES-128 Library

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- CMSIS Core header files
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- KSDK Peripheral Drivers, Flash / NVM, KSDK H/W Abstraction Layer (HAL)

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Personal Information and Security Precautions

If personal information and/or Wi-Fi security settings, such as passwords, etc., are saved on the camera, please be aware that such information and settings may still remain in the camera.

When transferring the camera to another person, disposing of it, or sending it for repair, be sure to take the following measures to prevent the leakage of such information and settings.

- Erase registered Wi-Fi security information by choosing (ⓘ) [Clear wireless settings].



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