

■ Specifying All Images at Once

1 Choose [Select All Images].

- Following step 2 on “Choosing a Selection Method” (197), choose [Select All Images] and press the  button.

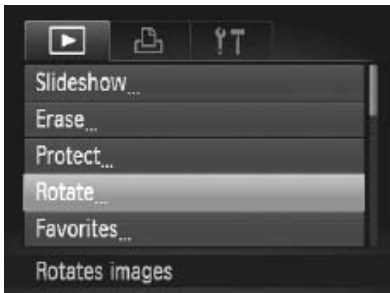


2 Erase the images.

- Press the <◀>◀▶> buttons or turn the  dial to choose [OK], and then press the  button.

Rotating Images

Change the orientation of images and save them as follows.



1 Choose [Rotate].

- Press the <MENU> button and choose [Rotate] on the [] tab (48).



2 Rotate the image.

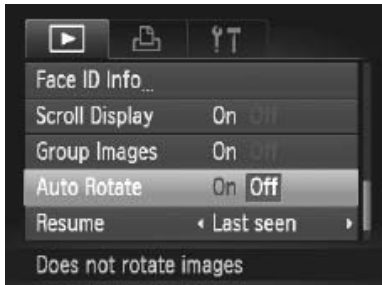
- Press the <◀><▶> buttons or turn the <◉> dial to choose an image.
- The image is rotated 90° each time you press the <FUNC. SET> button.
- To return to the menu screen, press the <MENU> button.



- Movies with an image quality of [1920] or [1280] cannot be rotated.
- Rotation is not possible when [Auto Rotate] is set to [Off] (201).

Deactivating Auto Rotation

Follow these steps to deactivate automatic rotation by the camera, which rotates images shot in vertical orientation so they are displayed vertically on the camera.



- Press the <MENU> button, choose [Auto Rotate] on the [📺] tab, and then choose [Off] (📖48).



- Images cannot be rotated (📖200) when you set [Auto Rotate] to [Off]. Additionally, images already rotated will be displayed in the original orientation.
- In Smart Shuffle (📖191) mode, even if [Auto Rotate] is set to [Off], images shot vertically will be displayed vertically, and rotated images will be displayed in the rotated orientation.

Image Categories

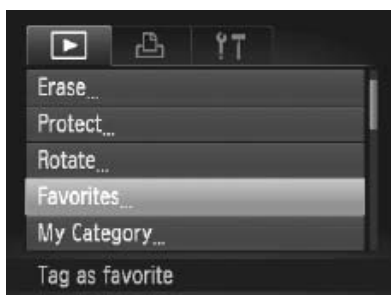
You can tag images as favorites or assign them to My Category (📖203) groups. By choosing a category in filtered playback, you can restrict the following operations to all of those images.

- Viewing (📖174), Viewing Slideshows (📖190), Protecting Images (📖192), Erasing Images (📖196), Adding Images to the Print List (DPOF) (📖266), Adding Images to a Photobook (📖271)

Still Images

Movies

Tagging Images as Favorites



1 Choose [Favorites].

- Press the <MENU> button and choose [Favorites] on the [▶] tab (📖48).



2 Choose an image.

- Press the <◀><▶> buttons or turn the <⦿> dial to choose an image, and then press the <FUNC. SET> button. [★] is displayed.
- To untag the image, press the <FUNC. SET> button again. [★] is no longer displayed.
- Repeat this process to choose additional images.



3 Finish the setup process.

- Press the <MENU> button. A confirmation message is displayed.
- Press the <◀><▶> buttons or turn the <⦿> dial to choose [OK], and then press the <FUNC. SET> button.



- Images will not be tagged as favorites if you switch to Shooting mode or turn the camera off before finishing the setup process in step 3.



- Favorite images will have a three-star rating (★★★☆☆) when transferred to computers running Windows 7 or Windows Vista. (Does not apply to movies or RAW images.)

Still Images

Movies

Organizing Images by Category (My Category)

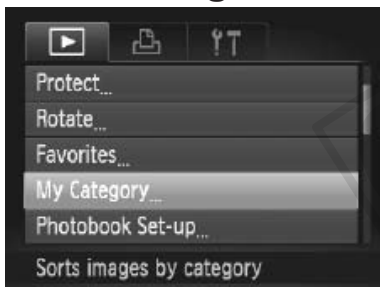
You can organize images into categories. Note that images are automatically categorized at the time of shooting, according to shooting conditions.

: Images with detected faces, or images shot in [] or [] mode.

: Images detected as [], [], or [] in <AUTO> mode, or images shot in [] mode.

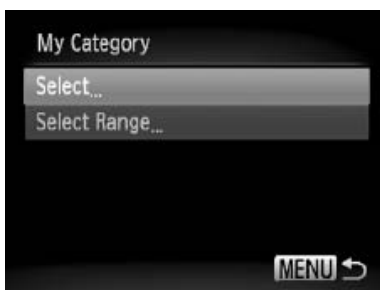
: Images shot in [], [], or [] mode.

Choosing a Selection Method



1 Access the setting screen.

- Press the <MENU> button, and then choose [My Category] on the [] tab (📖48).



2 Choose a selection method.

- Choose a menu item and a setting as desired (📖48).
- To return to the menu screen, press the <MENU> button.

Choosing Images Individually

1 Choose [Select].

- Following step 2 on 203, choose [Select] and press the button.

2 Choose an image.

- Press the buttons or turn the dial to choose an image.



3 Choose a category.

- Press the buttons to choose a category and then press the button. [✓] is displayed.
- To cancel selection, press the button again. [✓] is no longer displayed.
- Repeat this process to choose additional images.



4 Finish the setup process.

- Press the button. A confirmation message is displayed. Press the buttons or turn the dial to choose [OK], and then press the button.



- Images will not be assigned to a category if you switch to Shooting mode or turn the camera off before finishing the setup process in step 4.

■ Selecting a Range

1 Choose [Select Range].

- Following step 2 on  203, choose [Select Range] and press the  button.

2 Choose images.

- Follow steps 2 – 3 on  194 to specify images.



3 Choose a category.

- Press the  button to choose the type of image, and then press the   buttons or turn the  dial to choose a category.

4 Finish the setup process.

- Press the  button to choose [Select], and then press the  button.



- You can clear the selection of all images in the [Select Range] category by choosing [Deselect] in step 4.

Editing Still Images

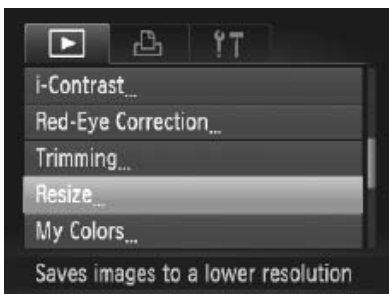


- Image editing (📖 206 – 211) is only available when the memory card has sufficient free space.

Still Images

Resizing Images

Save a copy of images at a lower resolution.



1 Choose [Resize].

- Press the <MENU> button and choose [Resize] on the [📺] tab (📖 48).

2 Choose an image.

- Press the <◀><▶> buttons or turn the <🔍> dial to choose an image, and then press the <FUNC. SET> button.

3 Choose an image size.

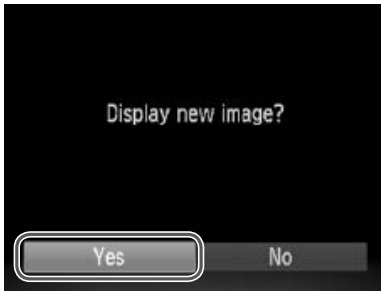
- Press the <◀><▶> buttons or turn the <🔍> dial to choose the size, and then press the <FUNC. SET> button.
▶ [Save new image?] is displayed.



4 Save the new image.

- Press the <◀><▶> buttons or turn the <🔍> dial to choose [OK], and then press the <FUNC. SET> button.
▶ The image is now saved as a new file.





5 Review the new image.

- Press the <MENU> button. [Display new image?] is displayed.
- Press the <◀>▶> buttons or turn the <⦿> dial to choose [Yes], and then press the <FUNC SET> button.
- ▶ The saved image is now displayed.



- Editing is not possible for images saved as [XS] in step 3.
- RAW images cannot be edited.

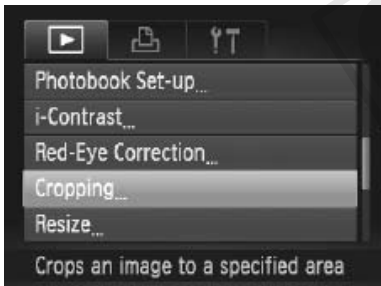


- Images cannot be resized to a higher resolution.

Still Images

Cropping

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



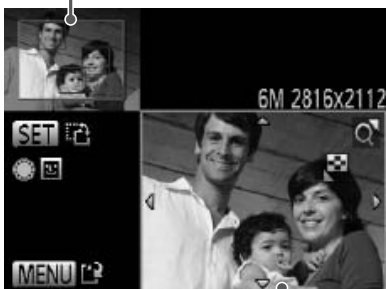
1 Choose [Cropping].

- Press the <MENU> button, and then choose [Cropping] on the [▢] tab (48).

2 Choose an image.

- Press the <◀>▶> buttons or turn the <⦿> dial to choose an image, and then press the <FUNC SET> button.

Cropping Area



Preview of Image After Cropping

Resolution After Cropping



3 Adjust the cropping area.

- ▶ A frame is displayed around the portion of the image to be cropped.
- ▶ The original image is shown in the upper left, and a preview of the image as cropped is shown in the lower right.
- To resize the frame, move the zoom lever.
- To move the frame, press the <▲><▼><◀><▶> buttons.
- To change the frame orientation, press the <FUNC. SET> button.
- Faces detected in the image are enclosed in gray frames in the upper-left image. To crop the image based on this frame, turn the <●> dial to switch to the other frame.
- Press the <MENU> button.

4 Save as a new image and review.

- Follow steps 4 – 5 on 206 – 207.



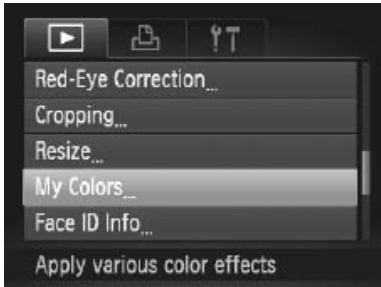
- Editing is not possible for images shot at a resolution of [S] (81) or resized to [XS] (206).
- RAW images cannot be edited.



- Images supported for cropping will have the same aspect ratio after cropping.
- Cropped images will have a smaller resolution than uncropped images.

Changing Image Color Tones (My Colors)

You can adjust image colors and then save the edited image as a separate file. For details on each option, see [137](#).



1 Choose [My Colors].

- Press the <MENU> button, and then choose [My Colors] on the [] tab ([148](#)).

2 Choose an image.

- Press the <◀>> buttons or turn the <◉> dial to choose an image, and then press the <FUNC SET> button.

3 Choose an option.

- Press the <◀>> buttons or turn the <◉> dial to choose an option, and then press the <FUNC SET> button.

4 Save as a new image and review.

- Follow steps 4 – 5 on [206 – 207](#).



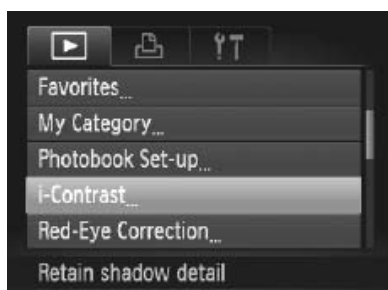
- Image quality of pictures you repeatedly edit this way will be a little lower each time, and you may not be able to obtain the desired color.
- Colors of RAW images cannot be edited.



- The color of images edited using this function may vary slightly from the color of images shot using My Colors ([137](#)).

Correcting Image Brightness (i-Contrast)

Excessively dark image areas (such as faces or backgrounds) can be detected and automatically adjusted to the optimal brightness. Insufficient overall image contrast is also automatically corrected, to make subjects stand out better. Choose from four correction levels, and then save the image as a separate file.



1 Choose [i-Contrast].

- Press the <MENU> button, and then choose [i-Contrast] on the [] tab (48).

2 Choose an image.

- Press the <◀>>> buttons or turn the <◉> dial to choose an image, and then press the <FUNC SET> button.

3 Choose an option.

- Press the <◀>>> buttons or turn the <◉> dial to choose an option, and then press the <FUNC SET> button.

4 Save as a new image and review.

- Follow steps 4 – 5 on 206 – 207.



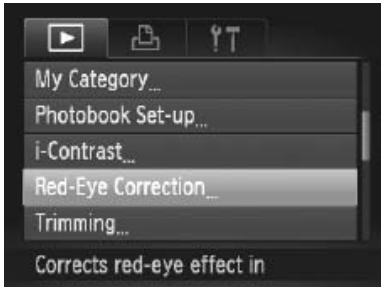
- For some images, correction may be inaccurate or may cause images to appear grainy.
- Images may look grainy after repeated editing using this function.
- RAW images cannot be edited this way.



- If [Auto] does not produce the expected results, try correcting images using [Low], [Medium], or [High].

Correcting Red-Eye

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



1 Choose [Red-Eye Correction].

- Press the <MENU> button, and then choose [Red-Eye Correction] on the [REDAE] tab (📖 48).

2 Choose an image.

- Press the <◀><▶> buttons or turn the <🔍> dial to choose an image.

3 Correct the image.

- Press the <FUNC. SET> button.
- ▶ Red-eye detected by the camera is now corrected, and frames are displayed around corrected image areas.
- Enlarge or reduce images as needed. Follow the steps in 📖 189.



4 Save as a new image and review.

- Press the <▲><▼><◀><▶> buttons or turn the <🔍> dial to choose [New File], and then press the <FUNC. SET> button.
- ▶ The image is now saved as a new file.
- Follow step 5 on 📖 207.



- Some images may not be corrected accurately.
- To overwrite the original image with the corrected image, choose [Overwrite] in step 4. In this case, the original image will be erased.
- Protected images cannot be overwritten.
- RAW images cannot be edited this way.
- Red-eye correction can be applied to JPEG images shot in [RAW+], but the original image cannot be overwritten.

COPY

Editing Movies

You can cut movies to remove unneeded portions at the beginning or end.



Movie Editing Panel



Movie Editing Bar

1 Choose [✂].

- Following steps 1 – 5 on 174 – 175, choose [✂] and press the <FUNC SET> button.
- ▶ The movie editing panel and editing bar are now displayed.

2 Specify portions to cut.

- Press the <▲><▼> buttons to choose [✂] or [✂].
- To view the portions you can cut (identified by [✂] on the screen), press the <◀><▶> buttons or turn the <⦿> dial to move [■]. Cut the beginning of the movie (from [✂]) by choosing [✂], and cut the end of the movie by choosing [✂].
- Even if you move [■] to a position other than a [✂] mark, choosing [✂] will only cut the portion from the nearest [✂] to the left, and choosing [✂] will cut the portion from the nearest [✂] to the right.

3 Review the edited movie.

- Press the <▲><▼> buttons to choose [▶], and then press the <FUNC SET> button. The edited movie is now played.
- To edit the movie again, repeat step 2.
- To cancel editing, press the <▲><▼> buttons to choose [↶]. Press the <FUNC SET> button, choose [OK] (either press the <◀><▶> buttons or turn the <⦿> dial), and then press the <FUNC SET> button again.



4 Save the edited movie.

- Press the <▲><▼> buttons to choose [L], and then press the <FUNC SET> button.
- Press the <▲><▼><◀><▶> buttons or turn the <●> dial to choose [New File], and then press the <FUNC SET> button.
- ▶ The movie is now saved as a new file.



- To overwrite the original movie with the cut one, choose [Overwrite] in step 4. In this case, the original movie will be erased.
- [Overwrite] is only available when memory cards lack sufficient free space.
- Movies may not be saved if the battery runs out while saving is in progress.
- When editing movies, you should use a fully charged battery or an AC adapter kit (sold separately, 235).

Editing Movie Digest Clips

Individual chapters (📖 94) recorded in [📷] mode can be erased, as needed. Be careful when erasing chapters, because they cannot be recovered.



1 Select the chapter to erase.

- Follow steps 1 – 5 on 📖 174 – 175 to choose a movie recorded in [📷] mode, and then press the <FUNC. SET> button repeatedly to access the screen at left.
- Choose the chapter to erase by pressing the <◀>▶> buttons or turning the <🕒> dial, and then choosing [◀] or [▶].



2 Choose [🗑️].

- Following steps 1 – 3 on 📖 174 – 175, choose [🗑️] and press the <FUNC. SET> button.
- ▶ The selected chapter is played back repeatedly.



3 Confirm erasure.

- Press the <◀>▶> buttons or turn the <🕒> dial to choose [OK], and then press the <FUNC. SET> button.
- ▶ The chapter is erased, and the clip is overwritten.



- [🗑️] is not displayed if you select a chapter when the camera is connected to a printer.

COPY

7

Setting Menu

Customize or adjust basic camera functions for greater convenience

COPY

Adjusting Basic Camera Functions

Functions can be configured on the [F/T] tab. Customize commonly used functions as desired, for greater convenience (📖 48).

Silencing Camera Operations

Silence camera sounds and movies as follows.



- Choose [Mute], and then choose [On].



- Operation can also be silenced by holding down the <▼> button as you turn the camera on.
- Sound is not played during movies if you mute camera sounds (📖 174). To restore sound during movies, press the <▲> button. Adjust volume with the <▲><▼> buttons, as needed.

Adjusting the Volume

Adjust the volume of individual camera sounds as follows.



- Choose [Volume], and then press the <FUNC/SET> button.
- Choose an item, and then press the <◀><▶> buttons to adjust the volume.

Customizing Sounds

Customize camera operating sounds as follows.



- Choose [Sound Options], and then press the  button.
- Choose an item, and then press the   buttons to choose an option.

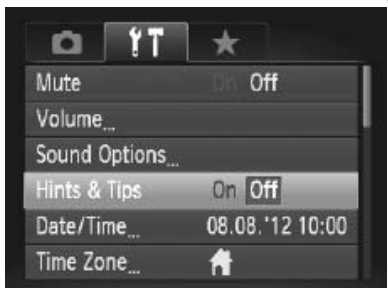
1, 2	Preset sounds (cannot be modified)
3	Preset sounds Can be changed by using the included software.



- The default shutter sound is used in  mode (116), regardless of any changes to [Shutter Sound].

Hiding Hints and Tips

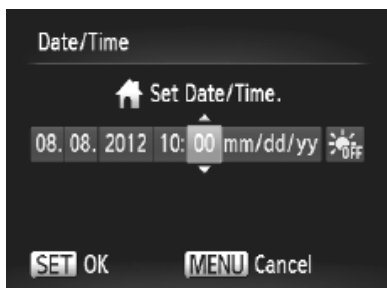
Hints and tips are normally shown when you choose FUNC. menu ( 47) or Menu ( 48) items. If you prefer, you can deactivate this information.



- Choose [Hints & Tips], and then choose [Off].

Date and Time

Adjust the date and time as follows.



1 Access the [Date/Time] screen.

- Choose [Date/Time], and then press the  button.

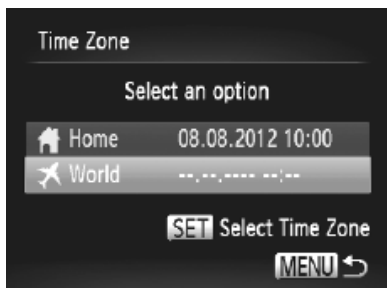
2 Configure the setting.

- Press the   buttons to choose an option, and then adjust the setting, either by pressing the   buttons or turning the  dial.

World Clock

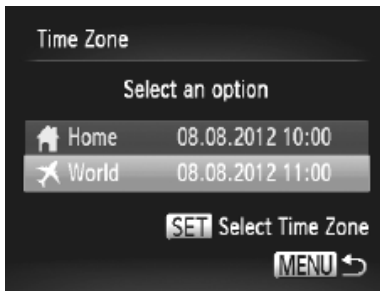
To ensure that your shots will have the correct local date and time when you travel abroad, simply register the destination in advance and switch to that time zone. This convenient feature eliminates the need to change the Date/Time setting manually.

Before using the world clock, be sure to set the date and time and your home time zone ("Setting the Date and Time" (📖20)).



1 Specify your destination.

- Choose [Time Zone], and then press the  button.
- Press the   buttons or turn the  dial to choose [ World], and then press the  button.
- Press the   buttons or turn the  dial to choose the destination.
- To set daylight saving time (1 hour ahead), press the   buttons to choose [].
- Press the  button.



2 Switch to the destination time zone.

- Press the <▲><▼> buttons or turn the <⦿> dial to choose [✈ World], and then press the <MENU> button.
- ▶ [✈] is now shown on the shooting screen (“On-Screen Information” (📖 286)).



- Adjusting the date or time while in [✈] mode (📖 22) will automatically update your [🏠 Home] time and date.

Screen Brightness

Adjust screen brightness as follows.



- Choose [LCD Brightness], and then press the <◀><▶> buttons to adjust the brightness.



- For maximum brightness, press and hold the <▼> button for at least one second when the shooting screen is displayed or when in single-image display. (This will override the [LCD Brightness] setting on the [⚙] tab.) To restore the original brightness, press and hold the <▼> button again for at least one second or restart the camera.

Start-up Screen

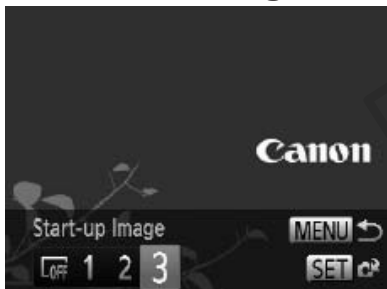
Customize the start-up screen shown after you turn the camera on as follows.



- Choose [Start-up Image], and then press the button.
- Press the buttons or turn the dial to choose an option.

OFF	No start-up image
1, 2	Preset image (cannot be modified)
3	Preset image Assign a desired shot, or use the included software to change the image.

Customizing the Start-up Screen



1 Access the [Start-up Image] screen in Playback mode.

- Press the button.
- Following the previous procedure, choose [3] and press the button.



2 Choose one of your shots.

- Choose an image and press the button. After [Register?] is displayed, choose [OK] (either press the buttons or turn the dial), and then press the button.



- The previous start-up setting is overwritten when you assign a new start-up image.



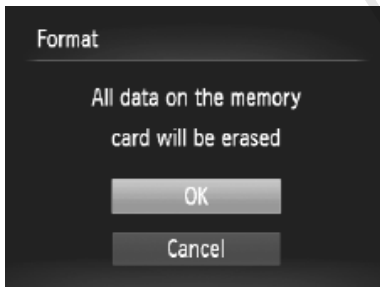
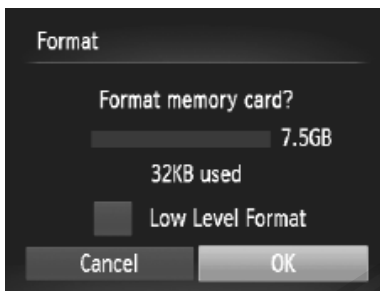
- You can assign the operating sounds and start-up image for your camera from the included software. Refer to the *Software Guide* (📖30) for details.

Formatting Memory Cards

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

Formatting erases all data on a memory card. Before formatting, copy images on the memory card to a computer, or take other steps to back them up.

An Eye-Fi card (📖274) contains software on the card itself. Before formatting an Eye-Fi card, install the software on a computer.



1 Access the [Format] screen.

- Choose [Format], and then press the button.

2 Choose [OK].

- Press the buttons to choose [Cancel], choose [OK] (either press the buttons or turn the , and then press the button.

3 Format the memory card.

- To begin the formatting process, press the buttons or turn the dial to choose [OK], and then press the button.
- When formatting is finished, [Memory card formatting complete] is displayed. Press the button.



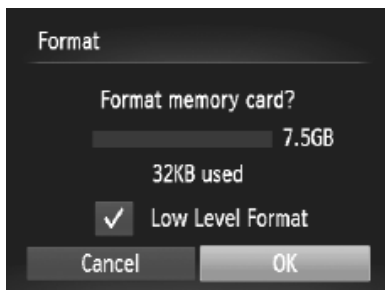
- Formatting or erasing data on a memory card only changes file management information on the card and does not erase the data completely. When transferring or disposing of memory cards, take steps to protect personal information if necessary, as by physically destroying cards.



- The total card capacity indicated on the formatting screen may be less than the advertised capacity.

■ Low-Level Formatting

Perform low-level formatting in these cases: [Memory card error] is displayed, the camera is not working correctly, card image reading/writing is slower, continuous shooting is slower, or movie recording suddenly stops. Low-level formatting erases all data on a memory card. Before low-level formatting, copy images on the memory card to a computer, or take other steps to back them up.



Perform low-level formatting.

- On the screen in step 2 on 223, press the <▲><▼> buttons or turn the <●> dial to choose [Low Level Format], and then select this option (mark with a [✓]) by pressing the <◀><▶> buttons.
- Follow steps 2 – 3 on 223 to continue with the formatting process.



- Low-level formatting takes longer than “Formatting Memory Cards” (223), because data is erased from all storage regions of the memory card.
- You can cancel low-level formatting in progress by choosing [Stop]. In this case, all data will be erased, but the memory card can be used normally.

File Numbering

Your shots are automatically numbered in sequential order (0001 – 9999) and saved in folders that store up to 2,000 images each. You can change how the camera assigns file numbers.



- Choose [File Numbering], and then choose an option.

Continuous

Images are numbered consecutively (until the 9999th shot is taken/saved) even if you switch memory cards.

Auto Reset

Image numbering is reset to 0001 if you switch memory cards, or when a new folder is created.



- 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 (223)) memory card.
- Refer to the *Software Guide* (30) for information on the card folder structure and image formats.

Date-Based Image Storage

Instead of saving images in folders created each month, you can have the camera create folders each day you shoot to store shots taken that day.



- Choose [Create Folder], and then choose [Daily].
- ▶ Images will now be saved in folders created on the shooting date.

Lens Retraction Timing

The lens is normally retracted for safety about one minute after you press the <▶> button in Shooting mode (📖42). To have the lens retracted immediately after you press the <▶> button, set the retraction timing to [0 sec.].



- Choose [Lens Retract], and then choose [0 sec.].

Power-Saving Adjustment

Adjust the timing of automatic camera and screen deactivation (Auto Power Down and Display Off, respectively) as needed (📖42).



1 Access the [Power Saving] screen.

- Choose [Power Saving], and then press the <FUNC SET> button.

2 Configure the settings.

- After choosing an item, press the <◀>>> buttons to adjust it as needed.



- To conserve battery power, you should normally choose [On] for [Auto Power Down] and [1 min.] or less for [Display Off].



- The [Display Off] setting is applied even if you set [Auto Power Down] to [Off].

Metric/Non-Metric Display

Change the unit of measurement shown in the MF indicator (📖 143) and zoom bar (📖 54) from m/cm to ft/in as needed.

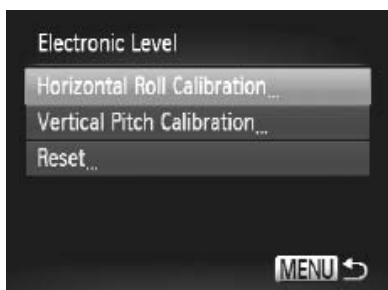


- Choose [Units], and then choose [ft/in].

COPY

Electronic Level Calibration

Calibrate the electronic level if it seems ineffective in helping you level the camera.



1 Make sure the camera is level.

- Place the camera on a flat surface, such as a table.

2 Access the [Electronic Level] screen.

- Choose [Electronic Level], and then press the  button.

3 Calibrate the electronic level.

- To adjust left/right tilt, choose [Horizontal Roll Calibration], and to adjust forward/backward tilt, choose [Vertical Pitch Calibration], followed by the  button. A confirmation message is displayed. Choose [OK], and then press the  button.

Resetting the Electronic Level

Restore the electronic level to its original state as follows. Note that this is not possible unless you have calibrated the electronic level.



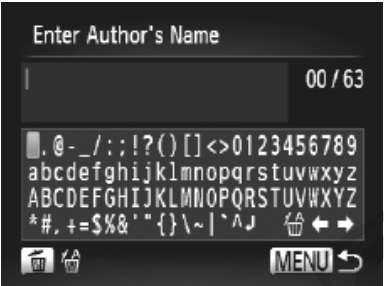
- Choose [Electronic Level], and then press the  button.
- Choose [Reset], and then press the  button.
- ▶ Once the electronic level has been reset, the menu screen is displayed again.

Setting Copyright Information to Record in Images



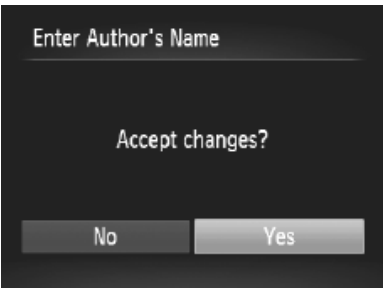
1 Access the setting screen.

- Choose [Copyright Info], and then press the  button.
- Press the  buttons or turn the  dial to choose [Enter Author's Name] or [Enter Copyright Details], and then press the  button.



2 Enter a name.

- Press the <▲><▼><◀><▶> buttons or turn the <☼> dial to choose a character, and then press the <FUNC SET> button to enter it.
- Up to 63 characters can be used.
- Press the <🗑️> button to delete single characters.
- Turn the <☼> dial or choose [◀] or [▶] and press the <FUNC SET> button to move the cursor.



3 Save the settings.

- Press the **<MENU>** button. [Accept changes?] is displayed.
- Press the **<◀>▶>** buttons or turn the **<⦿>** dial to choose [Yes], and then press the **<Ⓕ<Ⓖ<Ⓗ<Ⓘ<Ⓜ<Ⓢ<Ⓣ<Ⓤ<Ⓥ<Ⓦ<Ⓧ<Ⓨ<Ⓩ>** button.

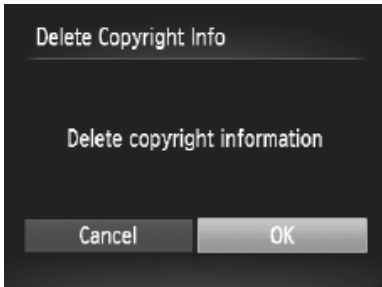
► The information set here will now be recorded in images.



- To check the information entered, choose [Display Copyright Info] on the screen in step 1, and then press the  button.
- You can also use the included software ( 30) to enter, change, and delete copyright information. Some characters entered with the included software may not display on the camera, but will be correctly recorded in images.
- You can view, change, and delete copyright information recorded in images by using the included software to save images to a computer.

Deleting All Copyright Information

You can delete both the author's name and copyright details at the same time as follows.



- Follow step 1 on  229 and choose [Delete Copyright Info].
- Press the   buttons or turn the  dial to choose [OK], and then press the  button.



- The copyright info already recorded in images will not be deleted.

Checking Certification Logos

Some logos for certification requirements met by the camera can be viewed on the screen. Other certification logos are printed in this guide, on the camera packaging, or on the camera body.



- Choose [Certification Logo Display], and then press the  button.

Display Language

Change the display language as needed.



1 Access the [Language] screen.

- Choose [Language] , and then press the  button.

2 Configure the setting.

- Press the , , , or  buttons or turn the  dial to choose a language, and then press the  button.



- You can also access the [Language] screen in Playback mode by pressing and holding the  button and immediately pressing the **<MENU>** button.

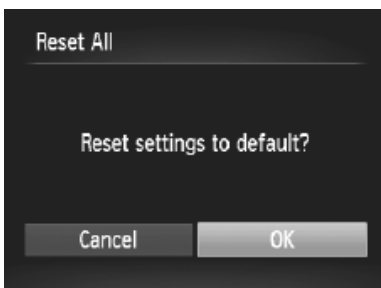
Adjusting Other Settings

The following settings can also be adjusted on the  tab.

- [Video System] ( 243)
- [Ctrl via HDMI] ( 241)
- [Eye-Fi Settings] ( 274)

Restoring Defaults

If you accidentally change a setting, you can restore default camera settings.



1 Access the [Reset All] screen.

- Choose [Reset All], and then press the  button.

2 Restore default settings.

- Press the , , , or  buttons or turn the  dial to choose [OK], and then press the  button.

▶ Default settings are now restored.



- The following functions are not restored to default settings.
 - [Y/T] tab settings [Date/Time] (📖20), [Language] (📖23), [Time Zone] (📖220), [Video System] (📖243), and the image assigned to [Start-up Image] (📖222)
 - Information registered using Face ID (📖69)
 - Custom white balance data you have recorded (📖135)
 - Colors chosen in Color Accent (📖109) or Color Swap (📖110)
 - Shooting mode chosen in <SCN> (📖95) or <📷> (📖99) mode
 - Exposure compensation (📖125) setting
 - The movie mode (📖119)
 - Calibrated value for the electronic level (📖228)
 - Copyright information (📖229)

COPY

8

Accessories

Use included accessories effectively and enjoy the camera in more ways with optional Canon accessories and other compatible accessories sold separately

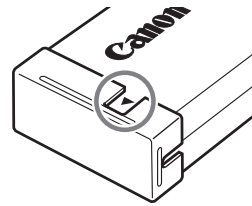
Tips on Using Included Accessories

Effective Battery and Charger Use

- **Charge the battery on (or immediately before) the day of use**

Charged batteries gradually lose their charge, even when they are not used.

You can easily check the charge state of the battery by attaching the cover so that ▲ is visible on a charged battery, and attaching it so that ▲ is not visible on an uncharged battery.



- **Long-term battery storage**

After using up all remaining battery power, remove the battery from the camera. Store the battery with the cover attached. Storing a partially charged battery over extended periods (about a year) may shorten its life or affect performance.

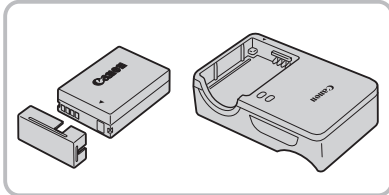
- **Using the battery charger abroad**

The charger 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.

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

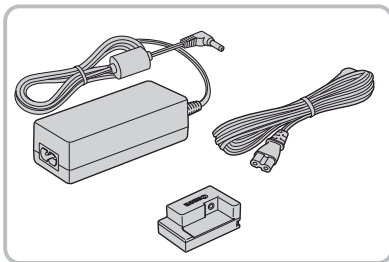


Battery Pack NB-10L

- Rechargeable lithium-ion battery

Battery Charger CB-2LC/CB-2LCE

- Charger for Battery Pack NB-10L



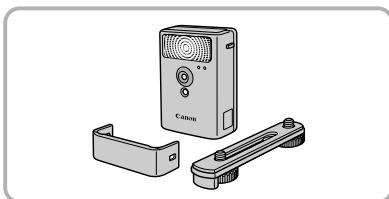
AC Adapter Kit ACK-DC80

- For powering the camera using household power. Recommended when using the camera over extended periods, or when connecting the camera to a printer or computer. Cannot be used to charge the camera battery.



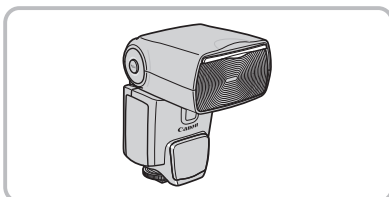
- The battery charger and AC adapter kit can be used in areas with 100 – 240 V AC power (50/60 Hz).
- For power outlets in a different format, use a commercially available adapter for the plug. Never use an electrical transformer designed for traveling, which may damage the battery.

Flash Units



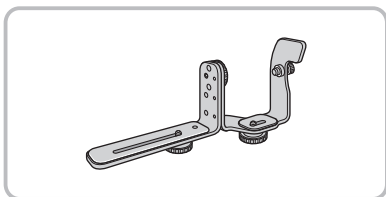
High-Power Flash HF-DC2

- External flash for illuminating subjects that are out of range of the built-in flash. High-Power Flash HF-DC1 can also be used.



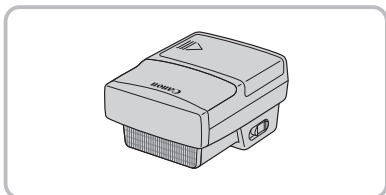
Speedlite 600EX-RT, 600EX, 580EX II, 430EX II, 320EX, 270EX II

- Shoe-mounted flash unit that enables many styles of flash photography. Speedlite 580EX, 430EX, 270EX, and 220EX are also supported.



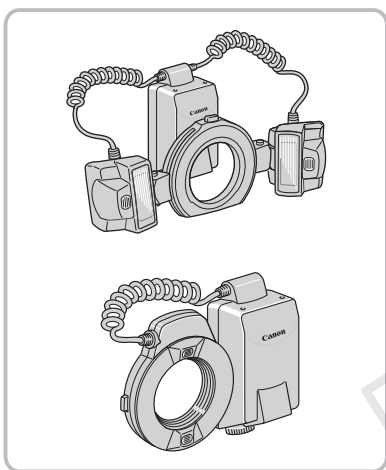
Speedlite Bracket SB-E2

- Prevents unnatural shadows next to subjects during vertical shooting. Includes Off-Camera Shoe Cord OC-E3.



Speedlite Transmitter ST-E2

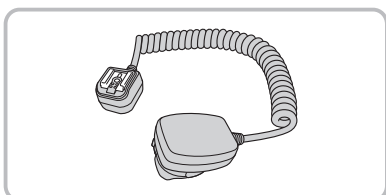
- Enables wireless control of slave Speedlite flash units (except Speedlite 270EX/220EX).



Macro Twin Lite MT-24EX

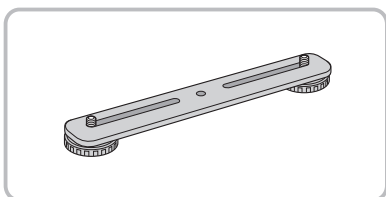
Macro Ring Lite MR-14EX

- Requires Conversion Lens Adapter LA-DC58L, Off-Camera Shoe Cord OC-E3, and Bracket BKT-DC1 (all sold separately) for attachment to the camera. Requires Conversion Lens Adapter LA-DC58L (sold separately) for attachment to the camera.



Off-Camera Shoe Cord OC-E3

- Used to attach a Macro Twin Lite flash to the camera.



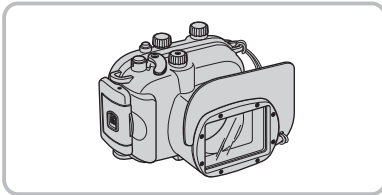
Bracket BKT-DC1

- Used to attach a Macro Twin Lite flash to the camera.

Other Accessories

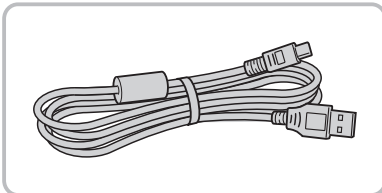
Soft Case SC-DC85

- Protects the camera from dust and scratches.
Handle with care to prevent leather discoloration.



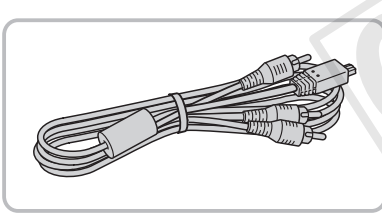
Waterproof Case WP-DC48

- For underwater photography at depths of up to 40 meters (130 ft.). Also useful for shooting in the rain, at the beach, or on ski slopes.



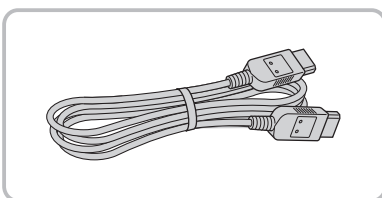
Interface Cable IFC-400PCU

- For connecting the camera to a computer or printer.



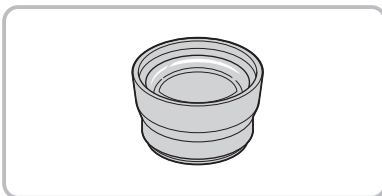
Stereo AV Cable AVC-DC400ST

- Connect the camera to a TV to enjoy playback on the larger TV screen.



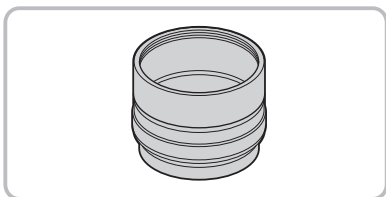
HDMI Cable HTC-100

- For connecting the camera to an HDMI input of a high-definition TV.



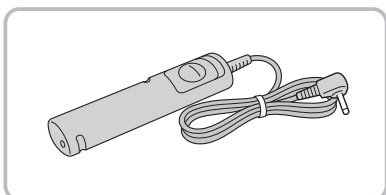
Tele-converter TC-DC58E

- Optional lens attached to the camera to increase the focal length by a factor of approximately 1.4x. (Includes lens hood.)



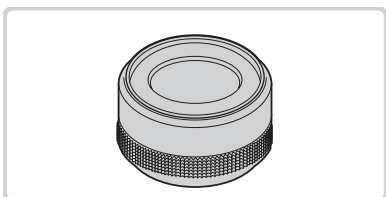
Conversion Lens Adapter LA-DC58L

- Adapter required to attach the Tele-converter or Macro Ring Lite/Macro Twin Lite flash to the camera.



Remote Switch RS-60E3

- Enables remote shutter button operation (pressing the button halfway or all the way down).



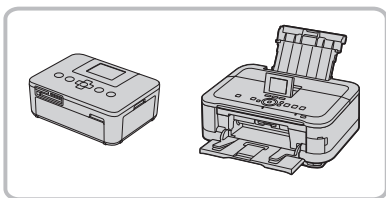
Filter Adapter FA-DC58D

- Adapter required when mounting a 58 mm filter.

Canon Lens Filter (58 mm dia.)

- Protects the lens and enables a variety of shooting effects.

Printers



Canon PictBridge-Compatible Printers

- Printing images without a computer is possible by connecting the camera to a Canon PictBridge-compatible printer. For details, visit your nearest Canon dealer.

Using Optional Accessories

Playback on a TV

By connecting the camera to a TV, you can view your shots on the larger screen of the TV.

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



- Some information may not be displayed on the TV (📖288).

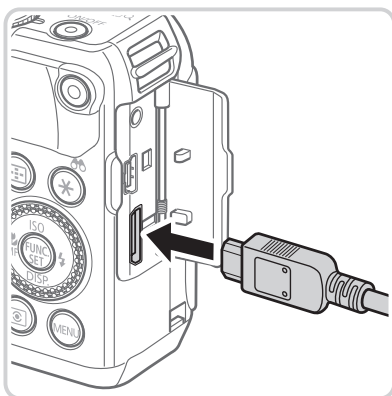
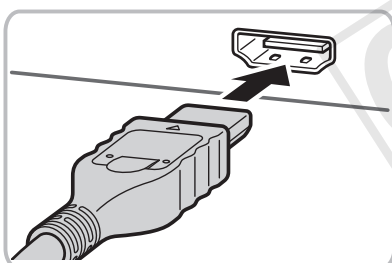
Playback on a High-Definition TV

Connecting the camera to an HDTV with the HDMI Cable HTC-100 (sold separately) enables you to view your shots on the larger screen of the TV. Movies shot at a resolution of [1920] or [1280] can be viewed in high-definition.

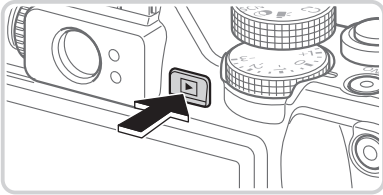
1 Make sure the camera and TV are off.

2 Connect the camera to the TV.

- On the TV, insert the cable plug fully into the HDMI input as shown.



- On the camera, open the terminal cover and insert the cable plug fully into the camera terminal.



3 Turn the TV on and switch to video input.

- Switch the TV input to the video input you connected the cable to in step 2.

4 Turn the camera on.

- Press the <▶> button to turn the camera on.
- ▶ Images from the camera are now displayed on the TV. (Nothing is displayed on the camera screen.)
- When finished, turn off the camera and TV before disconnecting the cable.



- It is not possible to connect the USB cable or an optional stereo AV cable at the same time as an HDMI Cable HTC-100. Forcing the cables into the camera at the same time may damage the camera or cables.



- Camera operating sounds are not played while the camera is connected to an HDTV.

■ Controlling the Camera with a TV Remote

Connecting the camera to an HDMI CEC-compatible TV enables playback (including slideshow playback) using the TV remote control.

In this case, you will need to adjust some TV settings. For details, refer to the TV user manual.



1 Configure the setting.

- Press the <MENU> button, choose [Ctrl via HDMI] on the [YT] tab, and then choose [Enable] (📖48).

2 Connect the camera to the TV.

- Follow steps 1 – 2 on 📖239 to connect the camera to the TV.

3 Display images.

- Turn on the TV. On the camera, press the <▶> button.
 - ▶ Images from the camera are now displayed on the TV. (Nothing is displayed on the camera screen.)

4 Control the camera with the TV remote.

- Press the <◀> buttons on the remote to browse images.
- To display the camera control panel, press the OK/Select button. Select control panel items by pressing the <◀> buttons to choose an item, and then pressing the OK/Select button again.

■ Camera Control Panel Options Shown on the TV

	Return	Closes the menu.
	Group Playback	Displays sets of images shot in [HQ] mode (116). (Only displayed when a grouped image is selected.)
	Play Movie	Starts movie playback. (Only displayed when a movie is selected.)
	Slideshow	Starts slideshow playback. To switch images during playback, press the <◀>◀▶> buttons on the remote control.
	Index Playback	Displays multiple images in an index.
DISP.	Change Display	Switches display modes (46).



- Pressing the <MENU> button on the camera will switch control to the camera itself, which will prevent remote control until you return to single-image display.
- The camera may not always respond correctly even if the remote is for an HDMI CEC-compatible TV.

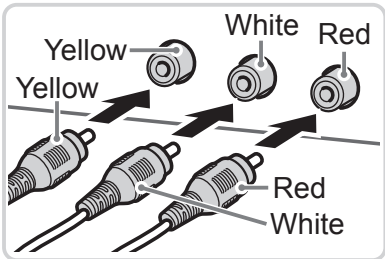
■ Playback on a Standard-Definition TV

Connecting the camera to a TV with the Stereo AV Cable AVC-DC400ST (sold separately) enables you to view your shots on the larger screen of the TV as you control the camera.

1 Make sure the camera and TV are off.

2 Connect the camera to the TV.

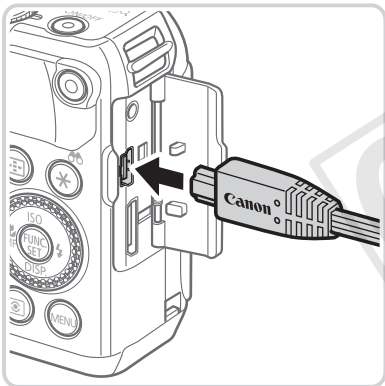
- On the TV, insert the cable plugs fully into the video inputs as shown.



- On the camera, open the terminal cover and insert the cable plug fully into the camera terminal.

3 Display images.

- Follow steps 3 – 4 on 240 to display images.



- Correct display is not possible unless the camera video output format (NTSC or PAL) matches the TV format. To change the video output format, press the **<MENU>** button and choose [Video System] on the **[YT]** tab.



- When the camera and TV are connected, you can also shoot while previewing shots on the larger screen of the TV. To shoot, follow the same steps as when using the camera screen. However, AF-Point Zoom (87), Stitch Assist (118) and MF-Point Zoom (143) are not available.

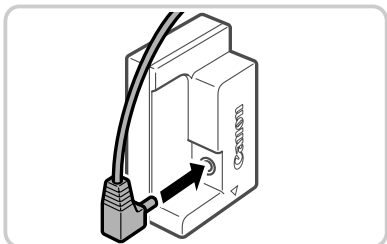
Powering the Camera with Household Power

Powering the camera with AC Adapter Kit ACK-DC80 (sold separately) eliminates the need to monitor the remaining battery level.

1 Make sure the camera is off.

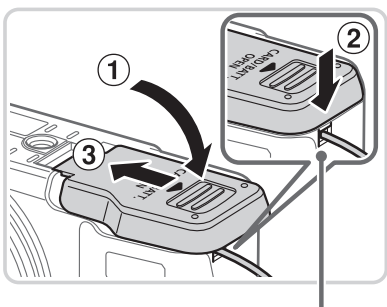
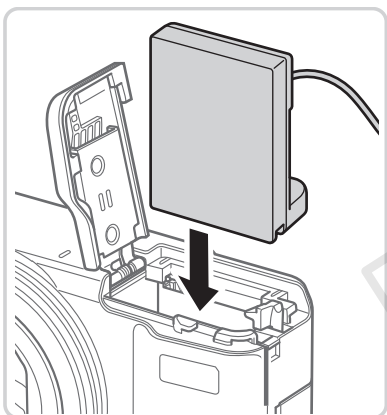
2 Connect the adapter to the coupler.

- Insert the adapter plug fully into the coupler.



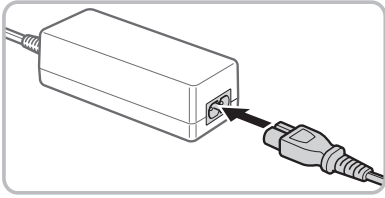
3 Insert the coupler.

- Follow step 2 on  18 to open the cover, and then insert the coupler as shown until it locks into place.



Coupler Cable Port

- Lower the cover (①), keeping the coupler cable in the coupler cable port (②).
- Slide the cover (③) until it clicks into place.



4 Connect the power cord.

- Insert one end of the power cord into the compact power adapter, and then plug the other end into a power outlet.
- Turn the camera on and use it as desired.
- When finished, turn the camera off and unplug the power cord from the outlet.



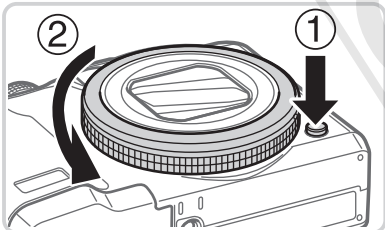
- Do not disconnect the adapter or unplug the power cord while the camera is still on. This may erase your shots or damage the camera.
- Do not attach the adapter or adapter cord to other objects. Doing so could result in malfunction or damage to the product.

Still Images

Movies

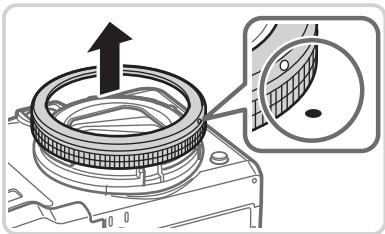
Using a Tele-converter (Sold Separately)

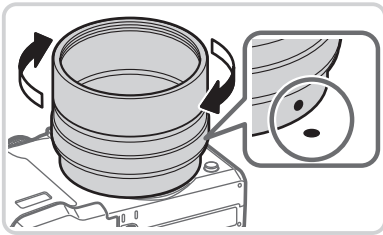
Attaching Tele-converter TC-DC58E and Conversion Lens Adapter LA-DC58L (both sold separately) enables you to use a focal length of 1.4x.



1 Remove the ring.

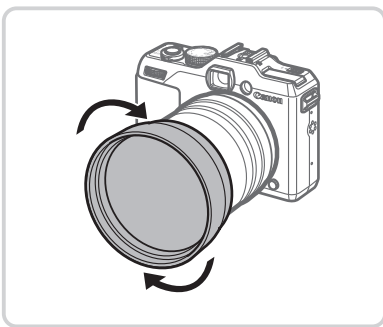
- Make sure the camera is off.
- Hold down the ring release button (1) and turn the ring in the direction of the arrow (2).
- Align the ○ mark on the ring with the ● mark on the camera, and then lift the ring off.





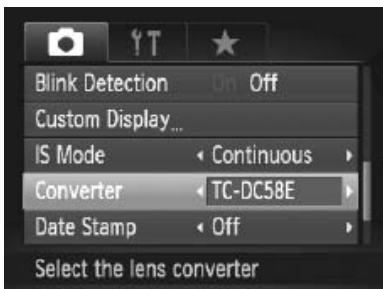
2 Attach the conversion lens adapter.

- Align the ● mark on the conversion lens adapter with the ● mark on the camera, and then turn the adapter in the direction of the arrows until it locks.
- To remove the adapter, hold down the ring release button and turn the adapter in the opposite direction.



3 Attach the tele-converter lens.

- Turn the lens in the direction of the arrow to attach it securely to the camera.



4 Specify the converter in the camera settings.

- Turn the camera on.
- Press the <MENU> button and choose [Converter] on the [CAMERA] tab. Press the <LEFT><RIGHT> buttons to choose [TC-DC58E].
- There is no need to adjust the converter setting when [IS Mode] is set to [Off].
- After removing the converter, always return the converter setting to [None].



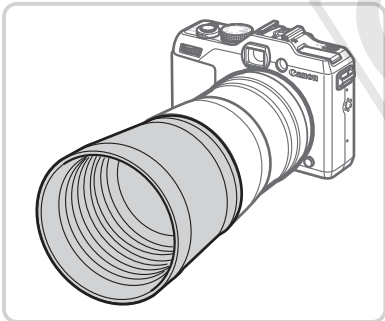
- Vignetting may occur (especially in the lower right) when the built-in flash is used.
- Set the camera to maximum telephoto when using the tele-converter. At other zoom positions, vignetting may occur.
- Use the LCD monitor to compose shots. The view through the viewfinder may be partially obstructed by vignetting.
- Before use, remove all dust or debris from the conversion lens with a lens blower brush.
- Stitching multiple images together accurately with the included software is not possible when shooting in [📷] or [📹] mode (📖118) while using these lens attachments.

Still Images

Movies

Using a Lens Hood

Attaching the lens hood included with Tele-converter TC-DC58E (sold separately) can reduce the effect of extraneous light outside the angle of view when shooting backlit subjects, or when the camera is aimed toward a bright light source.



Attach the lens hood.

- Fit the lens hood over the tele-converter as shown and attach it securely.
- When the lens hood will not be used, attach it inverted.



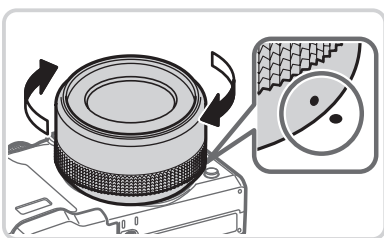
- Vignetting may occur if you use the built-in flash when the lens hood is attached.

Using Lens Filters (Sold Separately)

Attaching a lens filter to the camera protects the lens and allows you to shoot with various effects. To attach a lens filter, you will need Filter Adapter FA-DC58D (sold separately).

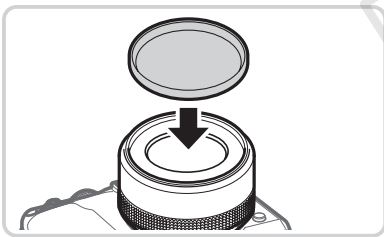
1 Remove the ring.

- Follow step 1 on  245 to remove the ring.



2 Attach the filter adapter.

- Align the ● mark on the filter adapter with the ● mark on the camera, and then turn the adapter in the direction of the arrows until it locks in place.
- To remove the adapter, turn off the camera, hold down the ring release button, and turn the adapter in the opposite direction.



3 Attach a filter.

- Attach the filter to the camera in the direction of the arrow.



- We recommend the use of genuine Canon filters (58 mm dia.).
- When not using auto focus to shoot, set the manual focus option [Safety MF] to [On].
- If you use the built-in flash with the filter adapter attached, portions of the image may appear darker.
- When using the filter adapter, be sure to use only one filter at a time. Attaching multiple filters, or accessories such as a heavy lens, may cause the attachments to fall off and become damaged.
- Do not grip the filter adapter tightly.
- Remove the filter adapter when not using a filter.

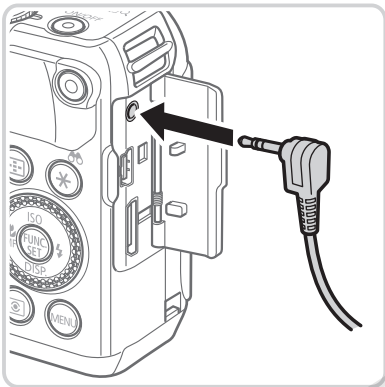


- The filter adapter and a lens hood cannot be attached to the camera at the same time.

Still Images

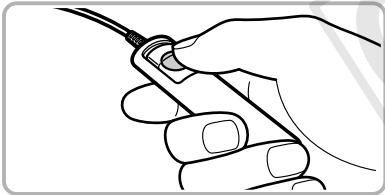
Using a Remote Switch (Sold Separately)

An optional Remote Switch RS-60E3 can be used to avoid camera shake that may otherwise occur when pressing the shutter button directly. This optional accessory is convenient when shooting at slow shutter speeds.



1 Connect the remote switch.

- Make sure the camera is off.
- Open the terminal cover and insert the remote switch plug.



2 Shoot.

To shoot, press the release button on the remote switch.



- Bulb photography (long exposures) is not supported.

Using an External Flash (Sold Separately)

More sophisticated flash photography is possible with an optional Speedlite EX series flash. For movie shooting using an LED light, the optional Speedlite 320EX flash is available.



- This camera does not support some Speedlite EX series functions.
- Wireless operation of the Speedlite 600EX-RT is not supported.
- Non-EX series Canon flash units may not fire correctly or may not fire at all, in some cases.
- Use of non-Canon flash units (especially high-voltage flash units) or flash accessories may prevent normal camera operation and may damage the camera.



- Also refer to the Speedlite EX series manual for additional information.

Speedlite EX Series

These optional flash units can provide bright lighting and meet a variety of flash photography needs.



1 Attach the flash unit to the hot shoe.

2 Turn the flash on, and then turn the camera on.

- ▶ A red [⚡] icon is now displayed.
- ▶ The flash pilot lamp will light up when the flash is ready.

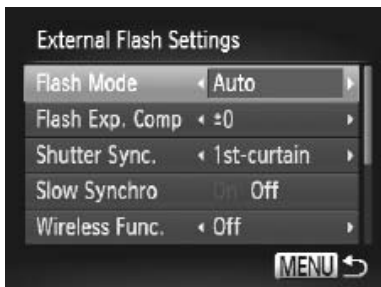
3 Choose shooting mode **<P>**, **<Tv>**, **<Av>**, or **<M>**.

- Flash settings can only be configured in these modes. In other modes, the flash is adjusted and fired automatically, as needed.

4 Set the white balance to [] (134).

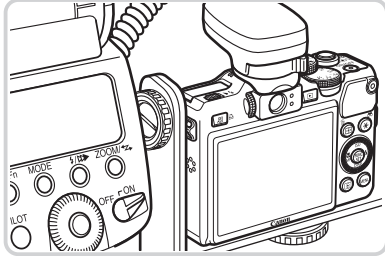
5 Configure the external flash.

- Press the **<MENU>** button, choose [Flash Control] on the [] tab, and then press the **<FUNC SET>** button.
- Options already set on the flash itself are displayed.
- Press the **<▲>****<▼>** buttons or turn the **<DISP>** dial to choose an item, and then adjust the setting by pressing the **<◀>****<▶>** buttons.
- Available settings vary depending on the shooting mode and the flash attached (257).



- Settings for the built-in flash cannot be configured while a Speedlite EX series flash is attached, because that setting screen is no longer accessible.
- You can also access the setting screen by pressing the **<▶>** button for at least one second.
- Flash settings in [] shooting mode can be configured just as they are in **<P>** mode.
- 600EX-RT/580EX II only: [Flash Control] is not available if the external flash has been set up for stroboscopic flash.
- 320EX only: Auto LED lighting is only available in low-light movie recording or in Movie mode. In this case, the [] icon is shown.

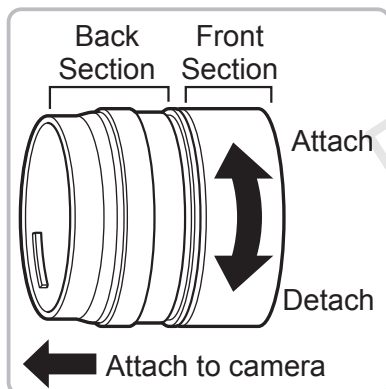
■ Using Speedlite Bracket SB-E2 (Sold Separately)



- Using the optional Speedlite Bracket SB-E2 can help prevent unnatural shadows next to subjects during vertical shooting.

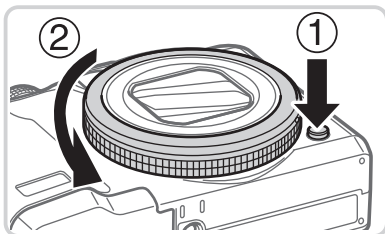
■ Macro Ring Lite MR-14EX

These optional flash units enable many styles of macro flash photography. Requires Conversion Lens Adapter LA-DC58L (sold separately) for attachment to the camera.



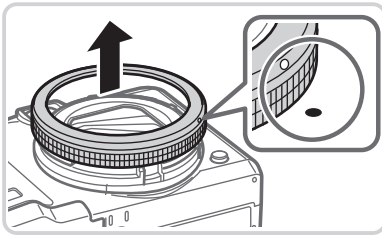
1 Prepare the conversion lens adapter.

- Rotate the conversion lens adapter in the direction indicated by the arrow to separate the front and back sections.
- Only the back section is used to attach the Macro Ring Lite MR-14EX or Macro Twin Lite MT-24EX.

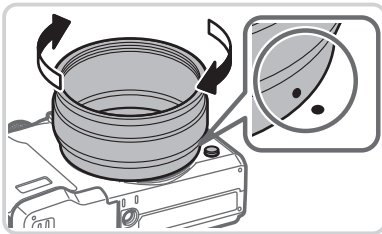


2 Remove the ring.

- Make sure the camera is off.
- Hold down the ring release button (①) and turn the ring in the direction of the arrow (②).

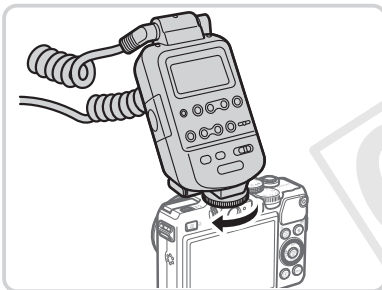


- Align the ○ mark on the ring with the ● mark on the camera, and then lift the ring off.



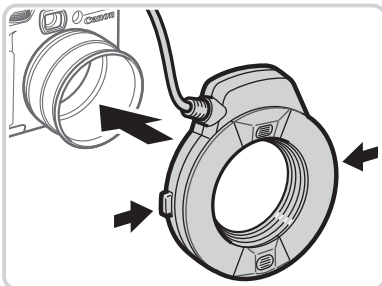
3 Attach the back section of the conversion lens adapter.

- Align the ● mark on the back section with the ● mark on the camera, and then turn the adapter in the direction of the arrows until it locks in place.
- To remove the adapter, hold down the ring release button and turn the adapter in the opposite direction.



4 Attach the controller to the camera.

- Attach the control component of the macro ring lite to the hot shoe on top of the camera.



5 Attach the flash unit to the conversion lens adapter.

- Press the release buttons on both sides of the macro ring lite in and attach the macro ring lite to the conversion lens adapter.

6 Choose shooting mode <P>, <Tv>, <Av>, or <M>.

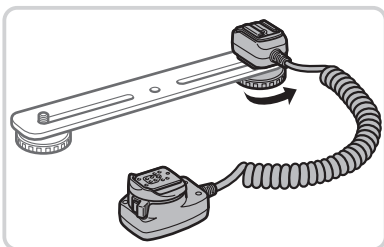
- Flash settings can only be configured in these modes. In other modes, the flash is adjusted and fired automatically, as needed.

- 7 Set the white balance to [⚡] (📖 134).**
- 8 Enter <🌸> mode (📖 142).**
- 9 Set [ND Filter] to [On] (📖 133).**
- 10 Configure the external flash.**
 - Follow step 5 on 📖 251 to adjust the settings.

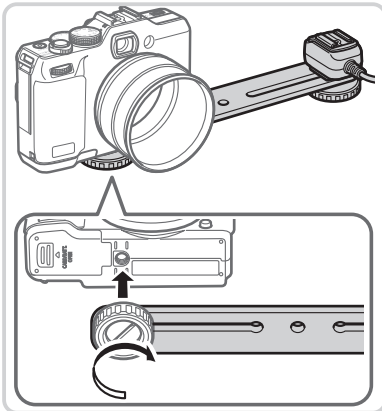
- ❗
 - Keep the macro ring lite cord away from flash heads.
 - When using a tripod, adjust the position of the legs to prevent them from coming into contact with the flash heads or the bracket.
 - Use the screen to compose shots, because the viewfinder cannot be used with these accessories attached.

■ Macro Twin Lite MT-24EX

These optional flash units enable many styles of macro flash photography. Requires the Conversion Lens Adapter LA-DC58L, Off-Camera Shoe Cord OC-E3, and Bracket BKT-DC1 (all sold separately) for attachment to the camera.

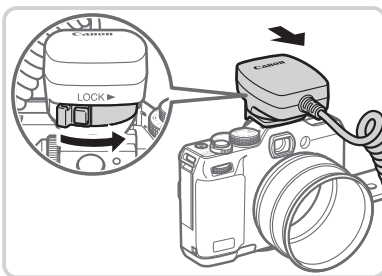


- 1 Remove the ring and attach the back section of the conversion lens adapter.**
 - Follow steps 1 – 3 on 📖 252 – 253 to remove the ring, and then attach the back section of the conversion lens adapter.
- 2 Attach the off-camera shoe cord to the bracket.**
 - Slide the bracket screw to the outer end of the bracket. Align the bracket screw with the tripod socket of the off-camera shoe cord, and then tighten the screw to secure it.



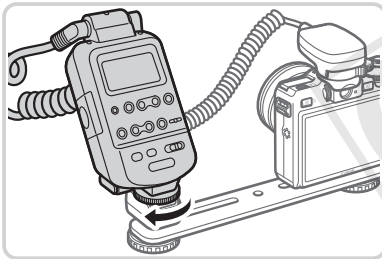
3 Attach the bracket to the camera.

- Slide the other bracket screw to the outer end of the bracket. Align the bracket screw with the tripod socket on the bottom of the camera, and then tighten the screw to secure it.



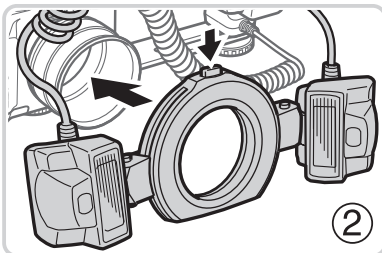
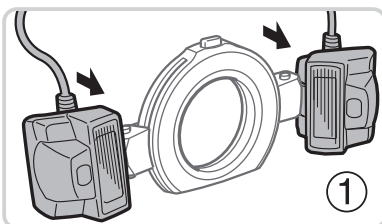
4 Attach the off-camera shoe cord to the camera.

- Attach the camera connection component of the off-camera shoe cord to the hot shoe on top of the camera.



5 Attach the controller to the off-camera shoe cord.

- Attach the controller for the macro twin lite to the flash connection component of the off-camera shoe cord.



6 Attach the flash unit to the conversion lens adapter.

- Attach each flash head to the respective mount (①). Press the release button on the top of the ring in and attach the ring to the conversion lens adapter (②).

7 Configure the external flash and settings on the camera.

- Follow steps 6 – 10 on  253 – 254 to configure the setting.



- Keep cords (from the macro twin lite or the off-camera shoe cord) away from flash heads.
- When using a tripod, adjust the position of the legs to prevent them from coming into contact with the flash heads or the bracket.
- Use the screen to compose shots, because the viewfinder cannot be used with these accessories attached.

COPY

■ Camera Settings Available with an External Flash (Sold Separately)

The following settings are available in **<P>**, **<Tv>**, **<Av>**, or **<M>** mode. In other shooting modes, only [Red-Eye Corr.] and [Red-Eye Lamp] can be configured. (With autoflash control, the flash always fires.) However, external flash units do not fire in modes that the built-in flash does not fire (📖 290).

Item	Options	Shooting Mode			
		P	Tv	Av	M
Flash Mode	Auto* ¹	○	○	○	–
	Manual* ²	○	○	○	○
Flash Exp. Comp* ³	–3 to +3	○	○	○	–
Flash Output* ⁴	1/128* ⁵ to 1/1 (in 1/3-stop increments)	○	○	○	○
Shutter Sync.	1st-curtain/2nd-curtain/Hi-speed	○	○	○	○
Slow Synchro	On	○	○	○	○
	Off	○	–	○	–
Wireless Func.* ⁶	On/Off	○	○	○	○
Red-Eye Corr.	On/Off	○	○	○	○
Red-Eye Lamp	On/Off	○	○	○	○
Safety FE* ⁷	On	○	○	○	–
	Off	○	○	○	○
Clear Flash Settings* ⁸		○	○	○	○

*¹ E-TTL mode is used for the flash.

*² M mode is used for the flash.

In **[M]** shooting mode, E-TTL mode is also available for the flash. In this case, when the flash fires, flash exposure compensation set on the flash is applied to the flash output level set on the camera.

*³ Can be configured only when [Flash Mode] is [Auto] and flash exposure compensation set on the flash is [+0]. When you adjust flash exposure compensation on 600EX-RT, 600EX, 580EX II, or 430EX II Speedlites, the camera display will be updated accordingly.

*⁴ Can be configured when [Flash Mode] is [Manual]. Linked to settings on the flash unit.

*⁵ 1/64 for Speedlite 430EX II/430EX/320EX/270EX II/270EX, Macro Ring Lite MR-14EX, and Macro Twin Lite MT-24EX.

- *6 For options other than On/Off, configure the setting on the flash unit itself. Not available with Speedlite 430EX II/320EX/270EX II/270EX, Macro Ring Lite MR-14EX, or Macro Twin Lite MT-24EX. When this setting is set to [On], [Shutter Sync.] cannot be set to [2nd-curtain]. (If [Shutter Sync.] is set to [2nd-curtain], it will be changed to [1st-curtain].)
- *7 Can only be configured when [Flash Mode] is [Auto].
- *8 Restores all default settings. You can also restore defaults for [Slow Synchro], [Safety FE], [Red-Eye Corr.], and [Red-Eye Lamp] by using [Reset All] in the [Y] menu on the camera (231).
-



- Flash settings in [] shooting mode can be configured just as they are in <P> mode.
- In <AUTO> shooting mode, icons representing Smiling, Sleeping, Babies (Smiling), Babies (Sleeping), and Children shooting scenes determined by the camera are not displayed, and the camera does not shoot continuously (59).

COPY

Printing Images

Your shots can easily be printed by connecting the camera to a printer. On the camera, you can specify images to set up batch printing, prepare orders for photo development services, and prepare orders or print images for photobooks.

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.

Still Images

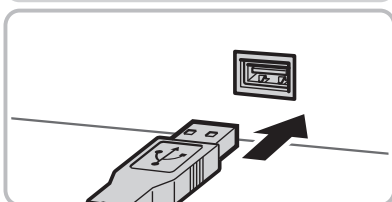
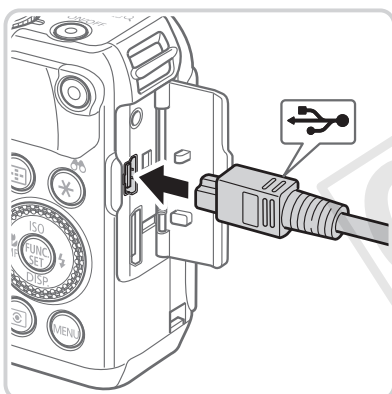
Easy Print

Easily print your shots by connecting the camera to a PictBridge-compatible printer (sold separately) with the USB cable.

1 Make sure the camera and printer are off.

2 Connect the camera to the printer.

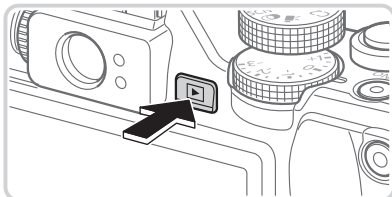
- Open the cover. Holding the smaller cable plug in the orientation shown, insert the plug fully into the camera terminal.
- Connect the larger cable plug to the printer. For other connection details, refer to the printer manual.



3 Turn the printer on.

4 Turn the camera on.

- Press the <▶> button to turn the camera on.





▶ [SET] is displayed.

5 Choose an image.

- Press the <◀><▶> buttons or turn the <⦿> dial to choose an image.

6 Print the image.

- Press the <🖨️> button.
- ▶ Printing now begins.
- To print other images, repeat steps 5 – 6 after printing is finished.
- When you are finished printing, turn the camera and printer off and disconnect the interface cable.



- For Canon PictBridge-compatible printers (sold separately), see 📖238.
- RAW images cannot be printed.

Configuring Print Settings



1 Access the printing screen.

- After following steps 1 – 5 on [259](#) – 260 to choose an image, press the **<FUNC. SET>** button to access the screen at left.

2 Configure the settings.

- Press the **<▲>****<▼>** buttons or turn the **<●>** dial to choose an item, and then choose an option by pressing the **<◀>****<▶>** buttons.

	Default	Matches current printer settings.
	Date	Prints images with the date added.
	File No.	Prints images with the file number added.
	Both	Prints images with both the date and file number added.
	Off	–
	Default	Matches current printer settings.
	Off	–
	On	Uses information from the time of shooting to print under optimal settings.
	Red-Eye 1	Corrects red-eye.
	No. of Copies	Choose the number of copies to print.
Cropping	–	Specify a desired image area to print (262).
Paper Settings	–	Specify the paper size, layout, and other details (263).

■ Cropping Images Before Printing (Cropping)

By cropping images before printing, you can print a desired image area instead of the entire image.



1 Choose [Cropping].

- After following step 1 on 261 to access the printing screen, choose [Cropping] and press the  button.
- ▶ A cropping frame is now displayed, indicating the image area to print.

2 Adjust the cropping frame as needed.

- To resize the frame, move the zoom lever.
- To move the frame, press the >><>< buttons.
- To rotate the frame, turn the  dial.
- When finished, press the  button.

3 Print the image.

- On the screen in step 1, press the > buttons or turn the  dial to choose [Print], and then press the  button.



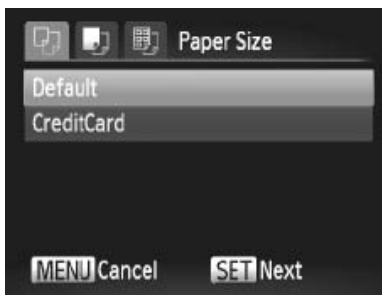
- Cropping may not be possible at small image sizes, or at some aspect ratios.
- Dates may not be printed correctly if you crop images shot with [Date Stamp] selected.

Choosing Paper Size and Layout Before Printing



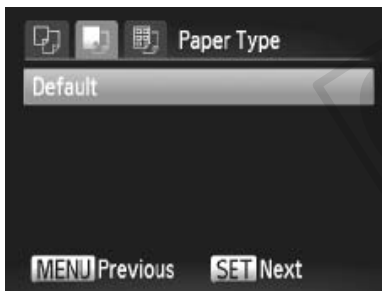
1 Choose [Paper Settings].

- After following step 1 on 261 to access the printing screen, choose [Paper Settings] and press the button.



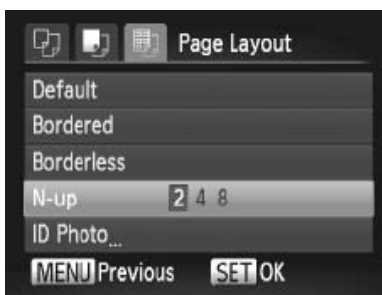
2 Choose a paper size.

- Press the <▲> <▼> buttons or turn the dial to choose an option, and then press the button.



3 Choose a type of paper.

- Press the <▲> <▼> buttons or turn the dial to choose an option, and then press the button.



4 Choose a layout.

- Press the <▲> <▼> buttons or turn the dial to choose an option.
- When choosing [N-up], press the <◀> <▶> buttons to specify the number of images per sheet.
- Press the button.

5 Print the image.

Available Layout Options

Default	Matches current printer settings.
Bordered	Prints with blank space around the image.
Borderless	Borderless, edge-to-edge printing.
N-up	Choose how many images to print per sheet.
ID Photo	Prints images for identification purposes. Only available for images with a resolution of L and an aspect ratio of 4:3.
Fixed Size	Choose the print size. Choose from 3.5 x 5 in., postcard, or wide-format prints.

Still Images

Printing ID Photos

1 Choose [ID Photo].

- Following steps 1 – 4 on [263](#), choose [ID Photo] and press the  button.

2 Choose the long and short side length.

- Press the   buttons or turn the  dial to choose an item. Choose the length by pressing the   buttons, and then press the  button.



3 Choose the printing area.

- Follow step 2 on [262](#) to choose the printing area.

4 Print the image.



Printing Movie Scenes



1 Access the printing screen.

- Follow steps 1 – 5 on 259 – 260 to choose a movie, and then press the button.
- Press the buttons or turn the dial to choose , and then press the button. The screen at left is displayed.

2 Choose a printing method.

- Press the buttons or turn the dial to choose , and then press the buttons to choose the printing method.

3 Print the image.

Movie Printing Options

Single	Prints the current scene as a still image.
Sequence	Prints a series of scenes, a certain interval apart, on a single sheet of paper. You can also print the folder number, file number, and elapsed time for the frame by setting [Caption] to [On].



- To cancel printing in progress, press the button.
- [ID Photo] and [Sequence] cannot be chosen on Canon PictBridge-compatible printers from CP720/CP730 and earlier models.

Adding Images to the Print List (DPOF)

Batch printing (📖270) and ordering prints from a photo development service can be set up on the camera. Choose up to 998 images on a memory card and configure relevant settings, such as the number of copies, as follows. The printing information you prepare this way will conform to DPOF (Digital Print Order Format) standards.



- RAW images cannot be included in print list.

Adding Images to the Print List via the <📄> Button

You can add images to the print list (DPOF) during playback simply by pressing the <📄> button.

1 Choose an image.

- Press the <◀><▶> buttons or turn the <🔍> dial to choose an image.

2 Add the image to the print list.

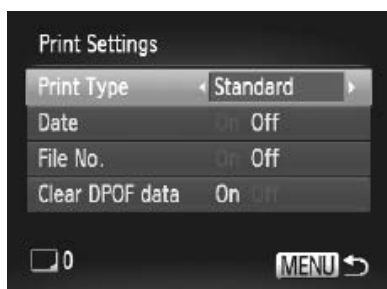
- Press the <📄> button.
- Press the <▲><▼> buttons to specify the number of prints. Choose [Add] by pressing the <◀><▶> buttons or turning the <🔍> dial, and then press the <FUNC SET> button.
- To remove the image from the print list, repeat steps 1 – 2 but choose [Remove] by pressing the <◀><▶> buttons or turning the <🔍> dial, and then press the <FUNC SET> button.



- Print list cannot be set up while the camera is connected to a printer.

■ Configuring Print Settings

Specify the printing format, whether to add the date or file number, and other settings as follows. These settings apply to all images in the print list.



- Press the <MENU> button, and then choose [Print Settings] on the [P] tab. Choose and configure settings as desired (48).

Print Type	Standard	One image is printed per sheet.
	Index	Smaller versions of multiple images are printed per sheet.
	Both	Both standard and index formats are printed.
Date	On	Images are printed with the shooting date.
	Off	—
File No.	On	Images are printed with the file number.
	Off	—
Clear DPOF data	On	All image print list settings are cleared after printing.
	Off	—

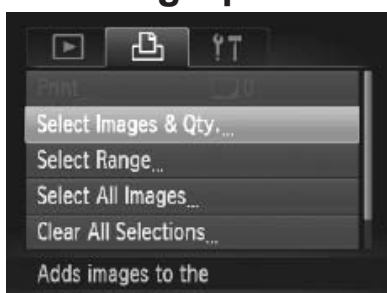
- ⓘ • Not all of your DPOF settings may be applied in printing by the printer or photo development service, in some cases.
- ⓘ • [!] may be displayed on the camera to warn you that the memory card has print settings that were configured on another camera. Changing the print settings using this camera may overwrite all previous settings.
- Setting [Date] to [On] may cause some printers to print the date twice.



- Specifying [Index] will prevent you from choosing [On] for both [Date] and [File No.] at the same time.
- Index printing is not available on some Canon PictBridge-compatible printers (sold separately).
- The date is printed in a format matching setting details in [Date/Time] on the [Y/T] tab (20).

Still Images

Setting Up Printing for Individual Images



1 Choose [Select Images & Qty.].

- Press the <MENU> button, choose [Select Images & Qty.] on the [P] tab, and then press the <FUNC SET> button.

2 Choose an image.

- Press the <◀><▶> buttons or turn the <DISP> dial to choose an image, and then press the <FUNC SET> button.
You can now specify the number of copies.
- If you specify index printing for the image, it is labeled with a [✓] icon. To cancel index printing for the image, press the <FUNC SET> button again. [✓] is no longer displayed.

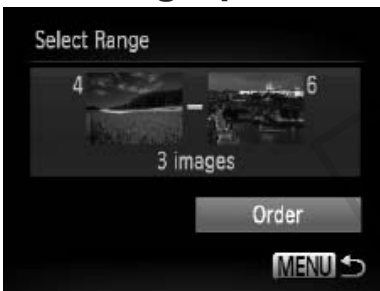


3 Specify the number of prints.

- Press the <▲><▼> buttons or turn the <●> dial to specify the number of prints (up to 99).
- To set up printing for other images and specify the number of prints, repeat steps 2 – 3.
- Printing quantity cannot be specified for index prints. You can only choose which images to print, by following step 2.
- When finished, press the <MENU> button to return to the menu screen.

Still Images

Setting Up Printing for a Range of Images



1 Choose [Select Range].

- Following step 1 on 268, choose [Select Range] and press the <FUNC. SET> button.

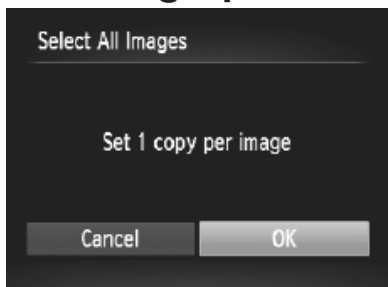
2 Choose images.

- Follow steps 2 – 3 on 194 to specify images.

3 Configure the print settings.

- Press the <▲><▼> buttons to choose [Order], and then press the <FUNC. SET> button.

Setting Up Printing for All Images



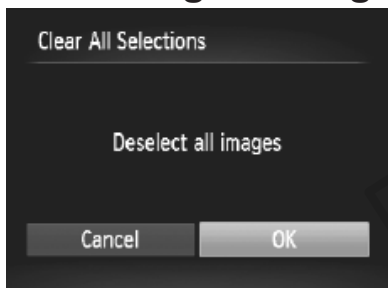
1 Choose [Select All Images].

- Following step 1 on 268, choose [Select All Images] and press the  button.

2 Configure the print settings.

- Press the   buttons or turn the  dial to choose [OK], and then press the  button.

Clearing All Images from the Print List



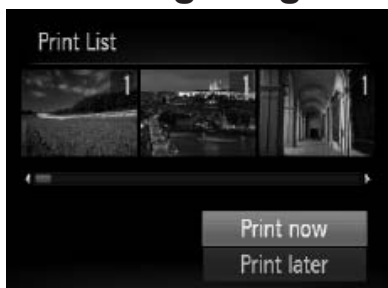
1 Choose [Clear All Selections].

- Following step 1 on 268, choose [Clear All Selections] and press the  button.

2 Confirm clearing the print list.

- Press the   buttons or turn the  dial to choose [OK], and then press the  button.

Printing Images Added to the Print List (DPOF)



- When images have been added to the print list (266 – 270), the screen at left is displayed after you connect the camera to a PictBridge-compatible printer. Press the   buttons to choose [Print now], and then simply press the  button to print the images in the print list.
- Any DPOF print job that you temporarily stop will be resumed from the next image.

Adding Images to a Photobook

Photobooks can be set up on the camera by choosing up to 998 images on a memory card and importing them into the included software on your computer, where they are stored in their own folder. This is convenient when ordering printed photobooks online or printing photobooks with your own printer.

Choosing a Selection Method



- Press the <MENU> button, choose [Photobook Set-up] on the [] tab, and then choose how you will select images.

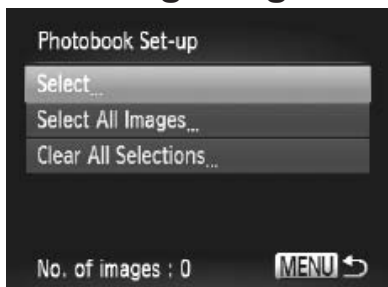


- [!] may be displayed on the camera to warn you that the memory card has print settings that were configured on another camera. Changing the print settings using this camera may overwrite all previous settings.



- After importing images to your computer, also refer to the *Software Guide* (30) and the printer manual for further information.

Adding Images Individually



1 Choose [Select].

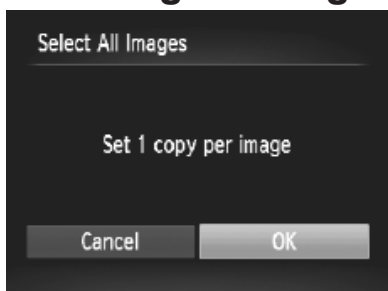
- Following the previous procedure, choose [Select] and press the button.



2 Choose an image.

- Press the buttons or turn the dial to choose an image, and then press the button.
- is displayed.
- To remove the image from the photobook, press the button again. is no longer displayed.
- Repeat this process to specify other images.
- When finished, press the **<MENU>** button to return to the menu screen.

Adding All Images to a Photobook



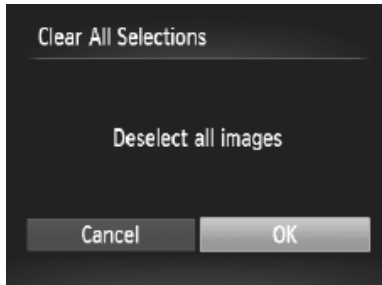
1 Choose [Select All Images].

- Following the procedure on [page 272](#), choose [Select All Images] and press the button.

2 Configure the print settings.

- Press the buttons or turn the dial to choose [OK], and then press the button.

■ Removing All Images from a Photobook



1 Choose [Clear All Selections].

- Following the procedure on  272, choose [Clear All Selections] and press the  button.

2 Confirm clearing the photobook.

- Press the <◀>◀▶> buttons or turn the  dial to choose [OK], and then press the  button.

COPY

Using an Eye-Fi Card

Before using an Eye-Fi card, always confirm that local use is permitted (📖2).

Inserting a prepared Eye-Fi card enables automatic wireless transfer of images to a computer or uploading to a photo-sharing website. Images are transferred by the Eye-Fi card. Refer to the card's user manual or contact the manufacturer for instructions on preparing and using cards or resolving transfer problems.



- When using an Eye-Fi card, keep the following points in mind.
 - Cards may continue to transmit radio waves even when [Eye-Fi trans.] is set to [Disable] (📖276). Remove the Eye-Fi card before entering hospitals, aircraft, or other areas where transmission is prohibited.
 - When troubleshooting image transfer issues, check the card and computer settings. For details, refer to the card's user manual.
 - Poor Eye-Fi connections may cause image transfer to take a long time, and transfer may be interrupted in some cases.
 - Eye-Fi cards may become hot, due to their transfer functions.
 - Battery power will be consumed faster than in normal use.
 - Camera operation may become sluggish. To resolve this, try setting [Eye-Fi trans.] to [Disable].

Connection status of Eye-Fi cards in the camera can be checked on the shooting screen (in regular information display mode) or playback screen (in simple information display mode).

 (Gray)	Not connected	 Interrupted
 (Blinking white)	Connecting	 Not communicating
 (White)	Connected	 Error acquiring Eye-Fi card information* ²
 (Animated)	Transfer in progress* ¹	

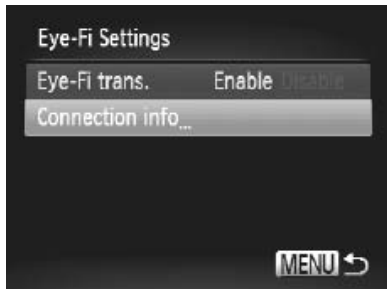
- * 1 Power saving (📖 42) on the camera is temporarily disabled during image transfer.
- * 2 Restart the camera. Repeated display of this icon may indicate a problem with the card.

Images labeled with a [] icon have been transferred.

- Choosing [] mode will interrupt the Eye-Fi connection. Although the Eye-Fi connection will be restored after you choose another shooting mode or enter Playback mode, the camera may transfer any movies made in [] mode again.

Checking Connection Information

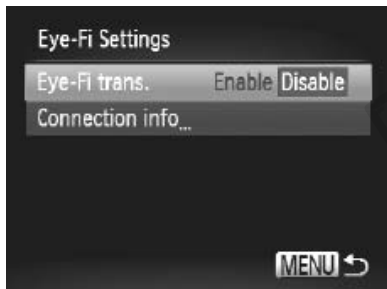
Check the access point SSID used by the Eye-Fi card or the connection status, as needed.



- Press the <MENU> button, choose [Eye-Fi Settings] on the [Y] tab, and then press the <FUNC. SET> button.
- Choose [Connection info], and then press the <FUNC. SET> button.
- ▶ The connection information screen is displayed.

Disabling Eye-Fi Transfer

Configure the setting as follows to disable Eye-Fi transfer by the card, if necessary.



Choose [Disable] in [Eye-Fi trans.].

- Press the <MENU> button, choose [Eye-Fi Settings] on the [Y] tab, and then press the <FUNC. SET> button.
- Choose [Eye-Fi trans.], and then choose [Disable].



- [Eye-Fi Settings] is not shown unless an Eye-Fi card is in the camera with its write-protect tab in the unlocked position. For this reason, you cannot change settings for an inserted Eye-Fi card if the write-protect tab is in the locked position.

9

Appendix

Helpful information when using the camera

COPY

Troubleshooting

If you think there is a problem with the camera, first check the following. If the items below do not solve your problem, contact a Canon Customer Support Help Desk.

Power

Nothing happens when the power button is pressed.

- Confirm that the battery is charged (📖17).
- Confirm that the battery is inserted facing the correct way (📖18).
- Confirm that the memory card/battery cover is fully closed (📖19).
- Dirty battery terminals reduce battery performance. Try cleaning the terminals with a cotton swab and reinserting the battery a few times.

The battery is depleted quickly.

- Battery performance decreases at low temperatures. Try warming the battery a little by putting it in your pocket, for example, with the terminal cover on.
- If these measures do not help and the battery is still depleted soon after charging, it has reached the end of its life. Purchase a new battery.

The lens is not retracted.

- Do not open the memory card/battery cover while the camera is on. Close the cover, turn the camera on, and then turn it off again (📖19).

The battery is swollen.

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

Display on a TV

Camera images look distorted or not displayed on a TV (📖243).

Shooting

Cannot shoot.

- In Playback mode (📖23), press the shutter button halfway (📖43).

Nothing is displayed (📖46, 57).

Strange display on the screen under low light (📖46).

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.

No date stamp is added to images.

- Configure the [Date Stamp] setting (📖67). Note that date stamps are not added to images automatically, merely because you have configured the [Date/Time] setting (📖20).
- Date stamps are not added in shooting modes (📖298 – 299) in which this setting cannot be configured (📖67).

[⚡] flashes on the screen when the shutter button is pressed, and shooting is not possible (📖57).

[📷] is displayed when the shutter button is pressed halfway (📖57).

- Set [IS Mode] to [Continuous] (📖160).
- Raise the flash and set the flash mode to [⚡] (📖154).
- Increase the ISO speed (📖129).
- Mount the camera on a tripod or take other measures to keep it still. In this case, you should set [IS Mode] to [Off] (📖160).

Shots are out of focus.

- Press the shutter button halfway to focus on subjects before pressing it all the way down to shoot (📖43).
- Make sure subjects are within focusing range (📖306).
- Set [AF-assist Beam] to [On] (📖89).
- Confirm that unneeded functions such as macro are deactivated.
- Try shooting with focus lock or AF lock (📖146, 152).

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

- To have AF frames displayed and the camera focus correctly, try composing the shot with higher-contrast subject areas centered before you press the shutter button halfway. Otherwise, try pressing the shutter button halfway repeatedly.

Subjects in shots look too dark.

- Raise the flash and set the flash mode to [⚡] (📖154).
- Adjust brightness by using exposure compensation (📖125).
- Adjust contrast by using i-Contrast (📖132, 210).
- Use AE lock or spot metering (📖126, 127).

Subjects look too bright, highlights are washed-out.

- Lower the flash and set the flash mode to [📷] (📖25, 55).
- Adjust brightness by using exposure compensation (📖125).
- Use AE lock or spot metering (📖126, 127).
- Reduce the lighting on subjects.

Shots look too dark despite the flash firing (📖57).

- Shoot within flash range (📖306).
- Adjust brightness by using flash exposure compensation or changing the flash output level (📖156, 165).
- Increase the ISO speed (📖129).

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

- Shoot within flash range (📖306).
- Lower the flash and set the flash mode to [🔦] (📖25, 55).
- Adjust brightness by using flash exposure compensation or changing the flash output level (📖156, 165).

White dots or similar image artifacts appear in flash shots.

- This is caused by light from the flash reflecting off dust or airborne particles.

Shots look grainy.

- Lower the ISO speed (📖129).
- High ISO speeds in some shooting modes may cause grainy images (📖96).

Subjects are affected by red-eye (📖82).

- Set [Red-Eye Lamp] to [On] (📖89) to activate the red-eye reduction lamp (📖4) in flash shots. For best results, have subjects look at the red-eye reduction lamp. Also try increasing the lighting in indoor scenes and shooting at closer range.
- Edit images using red-eye correction (📖211).

Recording to the memory card takes too long, or continuous shooting is slower.

- Use the camera to perform low-level formatting of the memory card (📖224).

Shooting settings or FUNC. menu settings are not available.

- Available setting items vary by shooting mode. Refer to “Functions Available in Each Shooting Mode”, “FUNC. Menu”, and “Shooting Menu” (📖290 – 299).

The Babies or Children icon does not display.

- The Babies and Children icons will not display if the birthday is not set in face information (📖69). If the icons still do not display even when you set the birthday, re-register face information (📖76), or make sure that the date/time are set correctly (📖20).

Shooting Movies

The elapsed time shown is incorrect, or recording is interrupted.

- Use the camera to format the memory card, or switch to a card that supports high-speed recording. Note that even if the elapsed time display is incorrect, the length of movies on the memory card corresponds to the actual recording time (📖223, 305).

[🚫] is displayed and shooting stops automatically.

The camera's internal memory buffer filled up as the camera could not record to the memory card quickly enough. Try one of the following measures.

- Use the camera to perform low-level formatting of the memory card (📖224).
- Lower the image quality (📖84).
- Switch to a memory card that supports high-speed recording (📖305).

Zooming is not possible.

- Zooming is not possible when shooting movies in [📷] (📖104) and [📹] (📖121) modes.

Subjects look distorted.

- Subjects that pass in front of the camera quickly may look distorted. This is not a malfunction.

Playback

Playback is not possible.

- Image or movie playback may not be possible if a computer is used to rename files or alter the folder structure. Refer to the *Software Guide* (📖30) for details on folder structure and file names.

Playback stops, or audio skips.

- Switch to a memory card that you have performed low-level formatting on with the camera (📖224).
- There may be brief interruptions when playing movies copied to memory cards that have slow read speeds.
- When movies are played on a computer, frames may be dropped and audio may skip if computer performance is inadequate.

Sound is not played during movies.

- Adjust the volume (📖28, 218) if you have activated [Mute] (📖218) or the sound in the movie is faint.
- No sound is played for movies shot in [📷] (📖104) or [📹] (📖121) mode because audio is not recorded in these modes.

Computer

Cannot transfer images to a computer.

When attempting to transfer images to the computer via a cable, try reducing the transfer speed as follows.

- Press the <▶> button to enter Playback mode. Hold the <MENU> button down as you press the <▲> and <FUNC SET> buttons at the same time. On the next screen, press the <◀><▶> buttons to choose [B], and then press the <FUNC SET> button.

Eye-Fi Cards

Cannot transfer images (📖274).

COPY

On-Screen Messages

If an error message is displayed, respond as follows.

No memory card

- The memory card may be inserted facing the wrong way. Reinsert the memory card facing the correct way (📖19).

Memory card locked

- The write-protect tab of the memory card is set to the locked position. Switch the write-protect tab to the unlocked position (📖18).

Cannot record!

- Shooting was attempted without a memory card in the camera. To shoot, insert a memory card facing the correct way (📖19).

Memory card error (📖224)

- If the same error message is displayed even when you have inserted a formatted memory card facing the correct way, contact a Canon Customer Support Help Desk (📖19).

Insufficient space on card

- There is not enough free space on the memory card to shoot (📖53, 93, 123, 161) or edit images (📖206 – 211). Either erase unneeded images (📖196, 197) or insert a memory card with enough free space (📖18).

Charge the battery (📖17)

No Image.

- The memory card does not contain any images that can be displayed.

Protected! (📖192)

Unidentified Image/Incompatible JPEG/Image too large./Cannot play back AVI/RAW

- Unsupported or corrupt images cannot be displayed.
- It may not be possible to display images that were edited or renamed on a computer, or images shot with another camera.

Cannot magnify!/Cannot play back this content in Smart Shuffle/ Cannot rotate/Cannot modify image/Cannot register this image!/ Cannot modify/Cannot assign to category/Unselectable image./No identification information

- The following functions may be unavailable for images that were renamed or already edited on a computer, or images shot with another camera. Note that starred (*) functions are not available for movies.
Magnify* (📖189), Smart Shuffle* (📖191), Categorize (📖203), Rotate (📖200), Edit* (📖206 – 211), Assign as Start-up Image* (📖222), Print List* (📖266), Photobook Set-up* (📖271), and Edit ID Info* (📖187 – 188).
- Grouped images cannot be processed (📖117).

Invalid selection range

- When specifying a range for image selection (📖194, 198, 205, 269), you attempted to choose an initial image that was after the final image, or vice-versa.

Exceeded selection limit

- More than 998 images were selected for Print List (📖266) or Photobook Set-up (📖271). Choose 998 images or less.
- Print List (📖266) or Photobook Set-up (📖271) settings could not be saved correctly. Reduce the number of selected images and try again.
- You attempted to choose more than 500 images in Protect (📖192), Erase (📖196), Favorites (📖202), My Category (📖203), Print List (📖266), or Photobook Set-up (📖271).

Communication error

- An excessive amount of images (approx. 1,000) on the memory card prevented printing or image transfer to a computer. To transfer the images, use a commercially available USB card reader. To print, insert the memory card directly into the printer card slot.

Naming error!

- The folder could not be created or images could not be recorded, because the highest supported folder number (999) for storing images on the card has been reached and the highest supported image number (9999) for images in folders has been reached. In the [🔧] menu, change [File Numbering] to [Auto Reset] (📖225), or format the memory card (📖223).

Lens Error

- This error may occur if the lens is held while it is moving, or when the camera is used in dusty or sandy locations.
- Frequent display of this error message may indicate camera damage. In this case, contact a Canon Customer Support Help Desk.

A camera error was detected (error number)

- If this error message is displayed immediately after a shot, the image may not have been saved. Switch to Playback mode to check for the image.
- Frequent display of this error message may indicate camera damage. In this case, write down the error number (Exx) and contact a Canon Customer Support Help Desk.

File Error

- Correct printing (📖259) may not be possible for photos from other cameras or images that have been altered using computer software, even if the camera is connected to the printer.

Print error

- Check the paper size setting (📖263). If this error message is displayed when the setting is correct, restart the printer and complete the setting on the camera again.

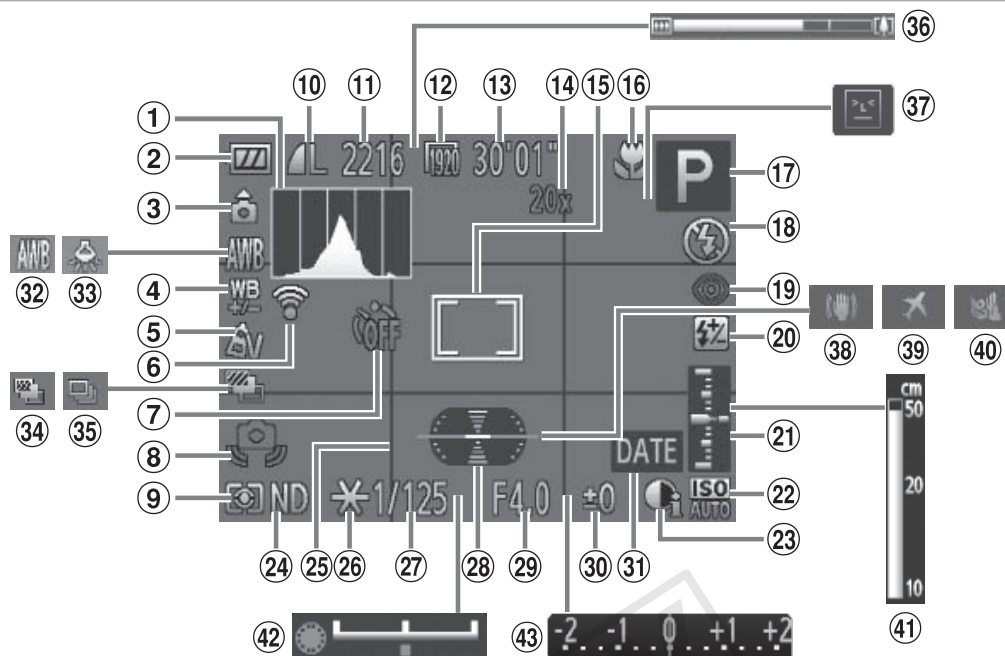
Ink absorber full

- Contact a Canon Customer Support Help Desk to request assistance with ink absorber replacement.

COPY

On-Screen Information

Shooting (Information Display)



- | | | |
|--|---|-------------------------------------|
| ① Histogram (176) | ⑭ Digital zoom magnification (63), Digital tele-converter (144) | ⑳ Exposure level (164) |
| ② Battery level (287) | ⑮ AF frame (145), Spot AE point frame (127) | ㉑ ISO speed (129) |
| ③ Camera orientation* | ⑯ Focusing range (142), AF lock (152), IS mode icon (61) | ㉒ i-Contrast (132) |
| ④ White balance correction (135) | ⑰ Shooting mode (290), Scene icon (59) | ㉓ ND filter (133) |
| ⑤ My Colors (137) | ⑱ Flash mode (154), LED light (251) | ㉔ Grid lines (166) |
| ⑥ Eye-Fi connection status (274) | ㉒ Red-eye correction (82) | ㉕ AE lock (126), FE lock (157) |
| ⑦ Self-timer (64) | ㉓ Flash exposure compensation / Flash output level (156, 165) | ㉖ Shutter speed (162, 164) |
| ⑧ Camera shake warning (57) | | ㉗ Electronic level (86) |
| ⑨ Metering method (127) | | ㉘ Aperture value (163, 164) |
| ⑩ Still image compression (160), Resolution (81) | | ㉙ Exposure compensation level (125) |
| ⑪ Recordable shots (305) | | ㉚ Date stamp (67) |
| ⑫ Movie quality (84) | | ㉛ White balance (134) |
| ⑬ Remaining time (305) | | |

- ③③ Mercury lamp correction (📖83)

③④ AEB shooting (📖131) / Focus bracketing (📖153)

③⑤ Drive mode (📖139)
- ③⑥ Zoom bar (📖54)

③⑦ Blink detection (📖88)

③⑧ Image stabilization (📖160)

③⑨ Time zone (📖220)
- ④① Wind filter (📖85)

④② MF indicator (📖143)

④③ Exposure shift bar (📖119)

④④ Exposure compensation bar (📖125)

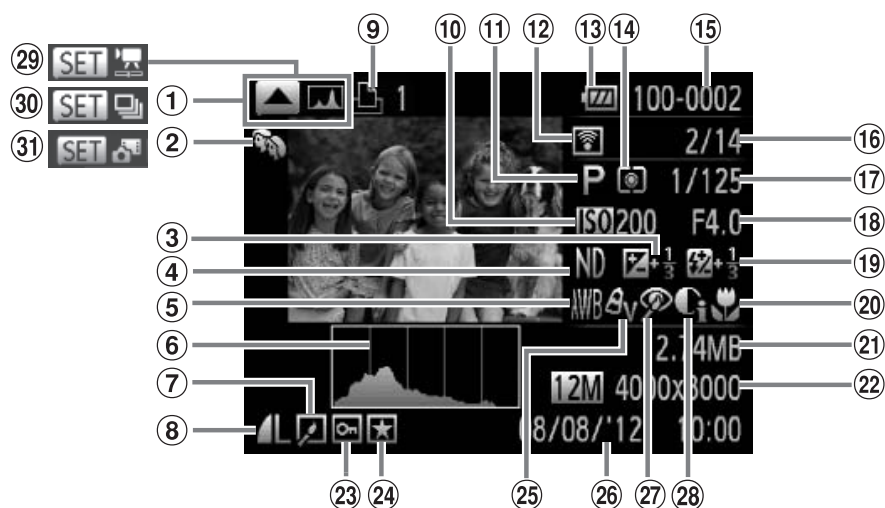
* 📷 : Regular orientation, 📷📷 : Held vertically
The camera detects the shooting orientation and adjusts settings for optimal shots. Orientation is also detected during playback, and in either orientation, the camera automatically rotates images as needed.
However, the orientation may not be detected correctly when the camera is pointed straight up or down.

Battery Level

An on-screen icon or message indicates the battery charge level.

Display	Details
	Sufficient charge
	Slightly depleted, but sufficient
 (Blinking red)	Nearly depleted – charge the battery soon
[Charge the battery]	Depleted – charge the battery immediately

Playback (Detailed Information Display)



- | | | |
|--|--|--|
| ① Switch display (histogram) (176) | ⑪ Shooting mode (290) | ⑳ Focusing range (142) |
| ② My Category (203) | ⑫ Transferred via Eye-Fi (274) | ㉑ File size |
| ③ Exposure compensation level (125), Exposure shift level (119) | ⑬ Battery level (287) | ㉒ Still images: Resolution (305)
Movies: Movie length (305) |
| ④ ND filter (133) | ⑭ Metering method (127) | ㉓ Protection (192) |
| ⑤ White balance (134), White balance correction (135) | ⑮ Folder number - File number (225) | ㉔ Favorites (202) |
| ⑥ Histogram (176) | ⑯ Current image no. / Total no. of images | ㉕ My Colors (137, 209) |
| ⑦ Image editing (206 – 211) | ⑰ Shutter speed (still images) (162), Image quality / Frame rate (movies) (84) | ㉖ Shooting date/time (20) |
| ⑧ Compression (image quality) (160) / Resolution (81), RAW (159), MOV (movies) | ⑱ Aperture value (163, 164), Image quality (movies) (84) | ㉗ Red-eye correction (82, 211) |
| ⑨ Print list (266) | ㉒ Flash (154, 155), Flash exposure compensation (156) | ㉘ i-Contrast (132, 210) |
| ⑩ ISO speed (129), Playback speed (105, 121) | | ㉙ Movies (54, 174) |
| | | ㉚ Group playback (185) |
| | | ㉛ Movie Digest Playback (185) |



- Some information may not be displayed when viewing images on a TV (239).

Summary of Movie Control Panel in “Viewing” (174)

	Exit
	Play
	Slow Motion (To adjust the playback speed, press the <◀>▶> buttons or turn the <◉> dial. No sound is played.)
	Skip Backward* (28, 175) or Previous Clip (215) (To continue skipping backward, keep holding down the <◀>▶> button.)
	Previous Frame (For fast-rewind, keep holding down the <◀>▶> button.)
	Next Frame (For fast-forward, keep holding down the <◀>▶> button.)
	Skip Forward* (28, 175) or Next Clip (215) (To continue skipping forward, keep holding down the <◀>▶> button.)
	Edit (213)
	Shown when you have selected a movie created in [📷] mode (215).
	Shown when the camera is connected to a PictBridge-compatible printer (259).

* Displays the frame approx. 4 sec. before or after the current frame.



- To skip forward or back during movie playback, press the <◀>▶> buttons.

Functions and Menu Tables

Functions Available in Each Shooting Mode

Shooting Mode		C2	C1	M	Av	Tv	P	AUTO		SCN	
Function											
Exposure Compensation (📖 125)		*1	*1	—	○	○	○	—	○	○	○
ISO Speed (📖 129)	ISO AUTO	*1	*1	—	○	○	○	○	○	○	○
	ISO 80										
	ISO 100										
	ISO 125										
	ISO 160										
	ISO 200										
	ISO 250										
	ISO 320										
	ISO 400										
	ISO 500										
	ISO 640										
	ISO 800										
	ISO 1250										
	ISO 1600										
	ISO 2000										
	ISO 2500										
	ISO 3200										
	ISO 4000										
	ISO 5000										
	ISO 6400										
	ISO 8000										
	ISO 10000										
	ISO 12800										
White Balance Correction (📖 134)		*1	*1	○	○	○	○	—	—	—	—
Flash (📖 154)*3		*1	*1	—	—	—	○	○	○	○	○
		*1	*1	○	○	○	○	—	○	○	○
		*1	*1	—	○	—	○	*4	○	—	—
		*1	*1	○	○	○	○	○	○	○	○
Metering Method (📖 127)		*1	*1	○	○	○	○	○	○	○	○
		*1	*1	○	○	○	○	—	○	—	—
Shutter Speed (📖 162, 164)		*1	*1	○	—	○	—	—	—	—	—
Aperture Value (📖 163, 164)		*1	*1	○	○	—	—	—	—	—	—
Program Shift (📖 126)		○	○	—	○	○	○	—	○	—	—
AE Lock/FE Lock (📖 126, 157)		○	○	—	○	○	○	—	○	—	—
AE Lock (Movie)/Exposure Shift (📖 119)		—	—	—	—	—	—	—	—	—	—
AF Lock (when assigned to the <S> button) (📖 152)		○	○	○	○	○	○	—	○	○	○
Focusing Range (📖 97, 142, 152)		*1	*1	○	○	○	○	○	○	○	○
		*1	*1	○	○	○	○	—	○	○	○
		—	—	—	—	—	—	—	—	—	—
	MF/AF Lock	*1	*1	○	○	○	○	—	○	○	○
Move AF Frame (📖 147)		*1	*1	○	○	○	○	—	—	—	—
Resize AF Frame (📖 147)		*1	*1	○	○	○	○	—	○	○	—
Face Select (📖 151)		○	○	○	○	○	○	○	○	○	○
Tracking AF (📖 68)		○	○	○	○	○	○	○	—	○	—
Screen Display (📖 46)	Off	*1	*1	○	○	○	○	○	—	○	—
	Display 1	*1	*1	○	○	○	○	○	○	○	○
	Display 2	*1	*1	○	○	○	○	○	○	○	○

*1 Options vary depending on the assigned shooting mode.

*2 Advanced settings not available.

*3 Set to when the flash is down, but otherwise selection is possible when the flash is up.

*4 Not available, but switches to in some cases.

SCN																						
			HQ	4K	5.6K	8K	12K	16K	HDR	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI
○	○	○	○	○	○	○	○	○	–	○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	*2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
○	○	○	–	○	○	○	–	–	–	○	○	○	○	○	○	○	○	○	○	–	–	–
○	○	○	–	○	○	○	–	○	–	○	○	○	○	○	○	○	○	○	○	–	–	–
–	–	–	–	*4	–	–	–	○	–	–	–	–	–	–	–	–	–	–	–	–	–	–
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
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–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	○	○	–
–	–	–	○	○	○	○	–	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
–	–	–	○	○	–	○	–	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
–	–	–	–	–	○	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	○	○	○	○	–	–	○	○	○	○	○	○	○	○	○	○	○	○	○	○
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	○	–	○	○	–	–	–	○	–	–	○	○	○	○	○	○	○	○	○	○
○	○	○	○	–	–	○	–	–	○	○	–	–	○	○	○	○	○	○	○	○	○	○
–	–	–	○	–	○	○	–	–	–	○	–	–	–	–	○	○	○	○	○	–	–	–
–	–	–	○	–	–	○	○	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
–	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

○ Available or set automatically. – Not available.

FUNC. Menu

Function		Shooting Mode										SCN	
		C2	C1	M	Av	Tv	P	AUTO	⚙️	🔄	🔄	🔄	🔄
DR Correction (📖 132)	⬆️OFF	*1	*1	○	○	○	○	—	○	○	○	○	○
	⬆️AUTO	*1	*1	—	○	○	○	○	—	—	—	—	—
	⬆️200% ⬆️400%	*1	*1	○	○	○	○	—	—	—	—	—	—
Shadow Correct (📖 133)	🔄OFF	*1	*1	○	○	○	○	—	○	○	○	○	○
	⬆️AUTO	*1	*1	○	○	○	○	○	○	—	—	—	—
White Balance (📖 134)	AWB	*1	*1	○	○	○	○	○	○	○	○	○	○
	☀️ ☁️ 🌧️ 🌩️ 🌩️	*1	*1	○	○	○	○	—	○	—	—	—	—
	⚡	*1	*1	○	○	○	○	—	○	—	—	—	—
	🔊	*1	*1	○	○	○	○	—	○	—	—	—	—
	📷*2 📷*2	*1	*1	○	○	○	○	—	○	—	—	—	—
My Colors (📖 137)	🔄OFF	*1	*1	○	○	○	○	○	○	○	○	○	○
	⬆️V ⬆️N ⬆️Se*3 ⬆️BW*3 ⬆️P ⬆️L ⬆️D ⬆️B	*1	*1	○	○	○	○	—	○	—	—	—	—
	⬆️G ⬆️R ⬆️C*4												
Bracketing (📖 153)	🔄OFF	*1	*1	○	○	○	○	○	○	○	○	○	○
	📷	*1	*1	—	○	○	○	—	—	—	—	—	—
	📷	*1	*1	○	○	○	○	—	—	—	—	—	—
Drive Mode (📖 139)	📷	*1	*1	○	○	○	○	○	○	○	○	○	○
	📷	—	—	—	—	—	—	○	—	—	—	—	—
	📷	*1	*1	○	○	○	○	—	—	○	○	○	○
	📷*5	*1	*1	○	○	○	○	—	—	—	—	—	—
Self-Timer (📖 64)	🔄OFF	*1	*1	○	○	○	○	○	○	○	○	○	○
	🕒 0 🕒 2 🕒	*1	*1	○	○	○	○	○	○	○	○	○	○
Self-Timer Settings (📖 66)	Delay*6	*1	*1	○	○	○	○	○	○	○	○	○	○
	Shots*7	*1	*1	○	○	○	○	○	—	○	○	○	○

*1 Options vary depending on the assigned shooting mode.

*2 Not available in [📷] or [📷].

*3 White balance is not available.

*4 Set in a range of 1 – 5: contrast, sharpness, color saturation, red, green, blue, and skin tone.

*5 [📷] is set with [MF], AF lock, or [📷].

*6 Cannot be set to 0 seconds in modes without selection of the number of shots.

*7 One shot (cannot be modified) in modes without selection of the number of shots.

-	-	0	-	-	-	-	-	-
0	0	0	0	0	0	0	0	0
-	-	0	-	-	-	-	-	-
0	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
0	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-	-
0	0			0	0	0	0	0



Functions and Menu Tables

Function	Shooting Mode									
	C2	C1	M	Av	Tv	P	AUTO	SCN	SCN	SCN
Flash Exposure Compensation (156)	*1	*1	—	O	O	O	—	O	—	—
Flash Output Level (165)	*1	*1	O	O	O	—	—	—	—	—
ND Filter (133)	ND	ND	O	O	O	O	—	O	—	—
Still Image Aspect Ratio (80)	16:9	3:2	4:3	1:1	4:5					
Image Type (159)	JPEG	RAW	RAW+	JPEG						
Resolution (81)	L		O	O	O	O	O	O	O	O
	M1	M2	O	O	O	O	O	O	O	—
	S		O	O	O	O	O	O	O	—
Compression (160)	S		O	O	O	O	—	—	—	—
			O	O	O	O	O	O	O	O
Movie Quality (84)	1920		O	O	O	O	O	O	O	O
	1280		O	O	O	O	O	O	O	O
	640		O	O	O	O	O	O	O	O
	240	120	—	—	—	—	—	—	—	—

*1 Options vary depending on the assigned shooting mode.

*2 Only [4:3] and [16:9] are available.

*3 Synchronizes with the aspect ratio setting and is automatically set (80).

SCN																					
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	O	O
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	-	-	O	O	O	-	O	-	-	*2	-	-	O	O	O	O	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	-	-	O	O	O	O	-	-	-	-	-	-	-	-	-	-	O	O	O
O	O	O	-	-	O	O	O	O	-	-	-	-	-	-	-	-	-	-	O	O	O
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O	O	O	O	-	O	O	O	O	O	O	O	-	-
O	O	O	O	O	O	O	O	O	O	O	O	*3	O	O	O	O	O	O	O	O	-
O	O	O	O	O	O	O	O	O	O	O	O	*3	O	O	O	O	O	O	O	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O

O Available or set automatically. – Not available.

Shooting Menu												
Function		Shooting Mode								SCN		
		C2	C1	M	Av	Tv	P	AUTO				
AF Frame (145)	Face AiAF*1		*2	*2	O	O	O	O	O	O	O	O
	Tracking AF		*2	*2	O	O	O	O	*3	—	O	—
	FlexiZone/Center*4		*2	*2	O	O	O	O	—	O	O	—
Digital Zoom (63)	Standard		*2	*2	O	O	O	O	O	—	O	—
	Off		*2	*2	O	O	O	O	O	O	O	O
	Digital Tele-converter (1.5x/2.0x)		*2	*2	O	O	O	O	—	—	—	—
AF-Point Zoom (87)	On		*2	*2	O	O	O	O	O	—	O	—
	Off		*2	*2	O	O	O	O	O	O	O	O
Servo AF (150)	On		*2	*2	O	O	O	O	—	—	O	—
	Off*5		*2	*2	O	O	O	O	O	O	O	O
Continuous AF (151)	On		*2	*2	O	O	O	O	O	O	O	O
	Off		*2	*2	O	O	O	O	—	—	O	O
AF-assist Beam (89)	On		*2	*2	O	O	O	O	O	O	O	O
	Off		*2	*2	O	O	O	O	O	O	O	O
MF-Point Zoom (142)	On		*2	*2	O	O	O	O	—	—	O	—
	Off		*2	*2	O	O	O	O	O	O	O	O
Safety MF (143)	On		*2	*2	O	O	O	O	—	O	O	—
	Off		*2	*2	O	O	O	O	O	O	O	O
Flash Control (82, 89, 156, 158, 165)	Flash Mode	Auto	*2	*2	—	O	O	O	O	O	O	O
		Manual	*2	*2	O	O	O	—	—	—	—	—
	Flash Exp. Comp		*2	*2	—	O	O	O	—	O	—	—
	Flash Output		*2	*2	O	O	O	—	—	—	—	—
	Shutter Sync.	1st-curtain	*2	*2	O	O	O	O	O	O	O	O
		2nd-curtain	*2	*2	O	O	O	O	—	O	—	—
	Red-Eye Corr.	On	*2	*2	O	O	O	O	O	O	O	—
		Off	*2	*2	O	O	O	O	O	O	O	O
	Red-Eye Lamp		On/Off	*2	*2	O	O	O	O	O	O	O
	Safety FE	On	*2	*2	—	O	O	O	O	O	O	O
Off		*2	*2	O	O	O	O	—	O	—	—	

*1 Operation when no faces are detected varies by shooting mode.

*2 Options vary depending on the assigned shooting mode.

*3 Only available by pressing the <▲> button (68).

*4 [FlexiZone] in <P>, <Tv>, <Av>, and <M> modes, otherwise [Center].

*5 [On] when subject movement is detected in <AUTO> mode.

O	O	O	O	O	O	O	O	O
O	-	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O
O	-	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O
O	-	-	O	O	-	-	-	-
O	O	O	O	O	O	O	O	O
O	-	-	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O
O	-	O	-	O	O	O	O	O



Functions and Menu Tables

Shooting Mode												SCN	
		C2	C1	M	Av	Tv	P	AUTO	📷	📷	📷	📷	📷
Function													
ISO Auto Settings (📖 130)	Max ISO Speed	*1	*1	—	○	○	○	—	○	—	—	—	—
	Rate of Change	*1	*1	—	○	—	○	—	○	—	—	—	—
High ISO NR (📖 130)	Low/Standard/High	*1	*1	○	○	○	○	—	—	—	—	—	—
Hg Lamp Corr. (📖 83)	On/Off	—	—	—	—	—	—	○	—	—	—	—	—
Spot AE Point (📖 127)	AF Point	*1	*1	○	○	○	○	—	○	—	—	—	—
	Center	*1	*1	○	○	○	○	—	—	—	—	—	—
Safety Shift (📖 163)	On	*1	*1	—	○	○	—	—	—	—	—	—	—
	Off	*1	*1	○	○	○	○	○	○	○	○	○	○
Wind Filter (📖 85)	On/Off	*1	*1	○	○	○	○	○	○	○	○	○	○
Review (📖 90)	Off/Quick/2 – 10 sec./Hold	*1	*1	○	○	○	○	○	○	○	○	○	○
Review Info (📖 91)	Off	*1	*1	○	○	○	○	○	○	○	○	○	○
	Detailed/Focus Check	*1	*1	○	○	○	○	○	○	○	○	○	○
Blink Detection (📖 88)	On	*1	*1	○	○	○	○	○	○	○	○	○	○
	Off	*1	*1	○	○	○	○	○	○	○	○	○	○
Custom Display (📖 166)	Shooting Info/Grid Lines/ Electronic Level/Histogram	*1	*1	○	○	○	○	○	○	○	○	○	○
IS Mode (📖 160)	Off	*1	*1	○	○	○	○	○	○	○	○	○	○
	Continuous	*1	*1	○	○	○	○	○	○	○	○	○	○
	Shoot Only	*1	*1	○	○	○	○	—	—	○	○	○	○
Converter (📖 245)	None/TC-DC58E	*1	*1	○	○	○	○	○	○	○	○	○	○
Date Stamp (📖 67)	Off	*1	*1	○	○	○	○	○	○	○	○	○	○
	Date/Date & Time	*1	*1	○	○	○	○	○	○	○	○	○	—
Face ID Settings (📖 69)		*1	*1	○	○	○	○	○	○	○	○	○	○
Set 🌞🌙 Func. (📖 168)		*1	*1	○	○	○	○	—	—	—	—	—	—
Set Shortcut button (📖 169)		*1	*1	○	○	○	○	○	○	○	○	○	○
Save Settings (📖 170)		○	○	○	○	○	○	—	—	—	—	—	—

*1 Options vary depending on the assigned shooting mode.

–When using [Face ID] (📖 69) to shoot, names will not be displayed in [📷], [📷], or [📷], but they will be recorded in still images.

–Setting available, but when using [Face ID] (📖 69) to shoot, names will not be displayed in [📷], [📷], or [📷], and they will not be recorded in movies.

[illegible]

⚙️ Set up Menu

Item	Ref. Page	Item	Ref. Page
Mute	📖 218	Lens Retract	📖 226
Volume	📖 218	Power Saving	📖 42, 226
Sound Options	📖 219	Units	📖 227
Hints & Tips	📖 219	Electronic Level	📖 86
Date/Time	📖 20	Video System	📖 243
Time Zone	📖 220	Ctrl via HDMI	📖 241
LCD Brightness	📖 221	Eye-Fi Settings	📖 274
Start-up Image	📖 222	Copyright Info	📖 229
Format	📖 223, 224	Certification Logo Display	📖 230
File Numbering	📖 225	Language 	📖 23
Create Folder	📖 225	Reset All	📖 231

★ My Menu Menu

Item	Ref. Page
My Menu settings	📖 171

Playback Menu

Item	Ref. Page	Item	Ref. Page
Movie Digest Playback	 185	Red-Eye Correction	 211
Smart Shuffle	 191	Cropping	 207
Slideshow	 190	Resize	 206
Erase	 196	My Colors	 209
Protect	 192	Face ID Info	 187
Rotate	 200	Scroll Display	 175
Favorites	 202	Group Images	 185
My Category	 203	Auto Rotate	 201
Photobook Set-up	 271	Resume	 175
i-Contrast	 210	Transition	 175

Print Menu

Item	Ref. Page	Item	Ref. Page
Print	—	Select All Images	 270
Select Images & Qty.	 268	Clear All Selections	 270
Select Range	 269	Print Settings	 267

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, which 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 Canon Customer Support Help Desk.
- To prevent condensation from forming on the camera after sudden temperature changes (when the camera is transferred from cold to warm environments), put the camera in an airtight, resealable plastic bag and let it gradually adjust to the temperature before removing it from the bag.
- If condensation does form on the camera, stop using it immediately. Continuing to use the camera in this state may damage it. Remove the battery and memory card, and wait until the moisture has evaporated before resuming use.

Specifications

Camera Effective Pixels (Max.)	Approx. 12.1 million pixels
Lens Focal Length	5x zoom: 6.1 (W) – 30.5 (T) mm (35mm film equivalent: 28 (W) – 140 (T) mm)
Viewfinder	Real-image type optical zoom viewfinder Dioptric Adjustment Range: –3.0 to +1.0 m ⁻¹ (dpt) Coverage: Approx. 80%
LCD Monitor	3.0 type color TFT LCD Effective Pixels: Approx. 922,000 dots
File Format	Design rule for Camera File system, DPOF (version 1.1) compliant
Data Type	Still Images: Exif 2.3 (JPEG), RAW (CR2 (Canon Original)) Movies: MOV (Image data: H.264; Audio data: Linear PCM (stereo))
Interface	Hi-speed USB HDMI output Analog audio output (stereo) Analog video output (NTSC/PAL)
Power Source	Battery Pack NB-10L AC Adapter Kit ACK-DC80
Dimensions (Based on CIPA Guidelines)	106.6 x 75.9 x 40.1 mm (4.20 x 2.99 x 1.58 in.)
Weight (Based on CIPA Guidelines)	Approx. 352 g (approx. 12.4 oz.; including the battery and memory card) Approx. 310 g (approx. 10.9 oz.; camera body only)

Number of Shots/Recording Time, Playback Time

Number of Shots	Screen On	Approx. 350
	Screen Off	Approx. 770
Movie Recording Time*¹	Screen On	Approx. 1 hour, 10 minutes
	Continuous Shooting*²	Approx. 2 hours
Playback Time		Approx. 7 hours

*1 Time under default camera settings, when normal operations are performed, such as shooting, pausing, turning the camera on and off, and zooming.

*2 Time available when shooting the maximum movie length (until recording stops automatically) repeatedly.

- The number of shots that can be taken is based on measurement guidelines of the Camera & Imaging Products Association (CIPA).
- Under some shooting conditions, the number of shots and recording time may be less than mentioned above.
- Number of shots/time with a fully charged battery.

Number of 4:3 Shots per Memory Card

Recording Pixels	Compression Ratio	Number of Shots per Memory Card (Approx. shots)	
		8 GB	32 GB
L (Large) 12M/4000x3000		1379	5568
		2192	8850
M1 (Medium 1) 6M/2816x2112		2431	9814
		3721	15020
M2 (Medium 2) 2M/1600x1200		7442	30040
		12927	52176
S (Small) 0.3M/640x480		27291	110150
		40937	165225
RAW Images 4000x3000	—	446	1804

- The values in the table are measured according to Canon standards and may change depending on the subject, memory card and camera settings.
- The values in the table are based on 4:3 aspect ratio. If the aspect ratio is changed (📖80), more images can be shot because the data size per image will be smaller than with 4:3 images. However, since **[M2]** 16:9 images have a setting of 1920 x 1080 pixels, their data size will be larger than 4:3 images.

Recording Time per Memory Card

Image Quality	Recording Time per Memory Card	
	8 GB	32 GB
	29 min. 39 sec.	1 hr. 59 min. 43 sec.
	42 min. 11 sec.* ¹	2 hr. 50 min. 19 sec.* ²
	1 hr. 28 min. 59 sec.	5 hr. 59 min. 10 sec.

*1 27 min. 39 sec. for iFrame movies (📖120).

*2 1 hr. 51 min. 37 sec. for iFrame movies (📖120).

- The values in the table are measured according to Canon standards and may change depending on the subject, memory card and camera settings.
- Recording will automatically stop when the clip file size reaches 4 GB, or when the recording time reaches approximately 29 minutes and 59 seconds when shooting in **[1920]** or **[1280]**, and approximately 1 hour when shooting in **[640]**.
- Recording may stop even if the maximum clip length has not been reached on some memory cards. SD Speed Class 6 or higher memory cards are recommended.

Specifications

Flash Range

Maximum wide angle (📷)	50 cm – 7.0 m (1.6 – 23 ft.)
Maximum telephoto (📷)	50 cm – 4.5 m (1.6 – 15 ft.)

Shooting Range

Shooting Mode	Focusing Range	Maximum Wide Angle (📷)	Maximum Telephoto (📷)
AUTO	–	1 cm (0.4 in.) – infinity	40 cm (1.3 ft.) – infinity
Other modes	A	5 cm (2.0 in.) – infinity	40 cm (1.3 ft.) – infinity
	*🌸	1 – 50 cm (0.4 in. – 1.6 ft.)	–
	MF*	1 cm (0.4 in.) – infinity	40 cm (1.3 ft.) – infinity
	📷	1 – 50 cm (0.4 in. – 1.6 ft.)	–
	📷	1.5 – 20 m (4.9 – 66 ft.)	1.5 – 20 m (4.9 – 66 ft.)

* Not available in some shooting modes.

Continuous Shooting Speed

Shooting Mode	Continuous Shooting Mode	Speed
P	📷	Approx. 2.1 shots/sec.
	RF📷	Approx. 0.9 shots/sec.
	LV📷	Approx. 0.9 shots/sec.
HQ📷	–	Approx. 10 shots/sec.

Shutter Speed

< AUTO > mode, automatically set range	1 – 1/4000 sec.
Range in all shooting modes	15 – 1/4000 sec.
< Tv > mode available values (sec.)	15, 13, 10, 8, 6, 5, 4, 3.2, 2.5, 2, 1.6, 1.3, 1, 0.8, 0.6, 0.5, 0.4, 0.3, 1/4, 1/5, 1/6, 1/8, 1/10, 1/13, 1/15, 1/20, 1/25, 1/30, 1/40, 1/50, 1/60, 1/80, 1/100, 1/125, 1/160, 1/200, 1/250, 1/320, 1/400, 1/500, 1/640, 1/800, 1/1000, 1/1250, 1/1600, 1/2000, 1/2500, 1/3200, 1/4000

■ Aperture

f/number	f/1.8 – f/8.0 (W), f/2.8 – f/8.0 (T)
<Av> mode available values*	f/1.8, f/2.0, f/2.2, f/2.5, f/2.8, f/3.2, f/3.5, f/4.0, f/4.5, f/5.0, f/5.6, f/6.3, f/7.1, f/8.0

* Depending on the zoom position, some aperture values may not be available.

■ Battery Pack NB-10L

Type:	Rechargeable lithium-ion battery
Rated Voltage:	7.4 V DC
Rated Capacity:	920 mAh
Charging Cycles:	Approx. 300 times
Operating Temperature:	0 – 40 °C (32 – 104 °F)
Dimensions:	32.5 x 45.4 x 15.1 mm (1.28 x 1.79 x 0.59 in.)
Weight:	Approx. 41 g (approx. 1.45 oz.)

■ Battery Charger CB-2LC/CB-2LCE

Rated Input:	100 – 240 V AC (50/60 Hz) 16 VA (100 V) – 22 VA (240 V), 0.18 A (100 V) – 0.12 A (240 V)
Rated Output:	8.4 V DC, 0.7 A
Charging Time:	Approx. 1 hour 50 min. (when using NB-10L)
Charge Indicator:	Charging: orange / Fully charged: green
Operating Temperature:	5 – 40 °C (41 – 104 °F)
Dimensions:	92.8 x 63.0 x 27.0 mm (3.65 x 2.48 x 1.06 in.)
Weight:	CB-2LC: Approx. 80 g (approx. 2.82 oz.) CB-2LCE: Approx. 74 g (approx. 2.61 oz.) (excluding power cord)

■ Tele-converter TC-DC58E (Sold Separately)

Zoom Factor:	1.4x
Lens Construction:	5 elements in 3 groups
Thread Diameter:	58 mm*
Max. Diameter x Length:	φ69.0 x 36.5 mm (φ2.72 x 1.44 in.)
Weight:	Approx. 165 g (approx. 5.8 oz.)

* Requires Conversion Lens Adapter LA-DC58L.

Specifications

■ **Conversion Lens Adapter LA-DC58L (Sold Separately)**

Camera Mount: Bayonet
Thread Diameter: 58 mm
Max. Diameter x Length: $\phi 63.8 \times 54.8$ mm ($\phi 2.51 \times 2.16$ in.)
Weight: Approx. 36 g (approx. 1.3 oz.)

■ **Filter Adapter FA-DC58D (Sold Separately)**

Diameter x Length: $\phi 66.0 \times 46.7$ mm ($\phi 2.60 \times 1.84$ in.)
Weight: Approx. 58 g (approx. 2.0 oz.)

■ **Bracket BKT-DC1 (Sold Separately)**

Dimensions (Max.): $220.0 \times 32.0 \times 19.0$ mm ($8.66 \times 1.26 \times 0.75$ in.)
Weight: Approx. 90 g (approx. 3.2 oz.)

- All data is based on tests by Canon.
- Camera specifications or appearance are subject to change without notice

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COPY

CAUTION

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

Battery Charger CB-2LC

**IMPORTANT SAFETY INSTRUCTIONS-
SAVE THESE INSTRUCTIONS.
DANGER-TO REDUCE THE RISK OF
FIRE OR ELECTRIC SHOCK, CAREFULLY
FOLLOW THESE INSTRUCTIONS.**

For connection to a supply not in the U.S.A., use an attachment plug adapter of the proper configuration for the power outlet, if needed.

Battery Charger CB-2LCE

The adapter can be used with a power supply between 100 and 240 V AC.
Contact your Canon dealer for information about plug adapter for overseas use.
For U.S.A. customers only: For areas where 120 V AC power is not used, you will need a special plug adapter.

For only United States

Use a UL listed, 1.8-3m(6-10ft), Type SPT-2 or NTSPT-2, AWG no.18 power supply cord, rated for 125V 7A, with a non-polarized NEMA 1-15P plug rated for 125V 15A.

**USA and Canada only:**

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

FCC Notice

(Digital Camera, Model PC1815 systems)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions;

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

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

Canon U.S.A., Inc.

One Canon Plaza, Lake Success, NY 11042, U.S.A.

Tel No. (516) 328-5600

Canadian Radio Interference Regulations

This Class B digital apparatus complies with Canadian ICES-003.

To ensure proper operation of this product, use of genuine Canon accessories is recommended.

For CA, USA only

Included lithium battery contains Perchlorate Material - special handling may apply.
See www.dtsc.ca.gov/hazardouswaste/perchlorate/ for details.

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- The iFrame logo and the iFrame symbol are trademarks of Apple Inc.

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No license is granted or implied for any other use for MPEG-4 standard.

* Notice displayed in English as required.

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- Illustrations and screenshots in this guide may differ slightly from the actual equipment.
- The above items notwithstanding, Canon accepts no liability for damages due to mistaken operation of the products.

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