Take and review some test shots initially to make sure the images were recorded correctly. Please note that Canon Inc., its subsidiaries and affiliates, and its distributors are not liable for any consequential damages arising from any malfunction of a camera or accessory, including memory cards, that result in the failure of an image to be recorded or to be recorded in a way that is machine readable.

The user’s unauthorized photographing or recording (video and/or sound) of people or copyrighted materials may invade the privacy of such people and/or may violate others’ legal rights, including copyright and other intellectual property rights. Note that restrictions may apply even when such photographing or recording is intended solely for personal use.

For information on camera warranty or Customer Support, please refer to the warranty information provided with your camera User Manual Kit.

Although the screen is produced under extremely high-precision manufacturing conditions and more than 99.99% of the pixels meet design specifications, in rare cases some pixels may be defective or may appear as red or black dots. This does not indicate camera damage or affect recorded images.

When the camera is used over an extended period, it may become warm. This does not indicate damage.
This section introduces manual navigation and conventions.

(2) Jump to the table of contents and index pages

(3) Jump to the first page of a section, by clicking one of the six sections
Portal pages are gateways to each section.

(1) Jump to the first page
(2) Return to the previous page
(3) Section icons
   Click an icon to jump to the section’s portal page.
(4) Section themes
   Topics in the selected theme are shown in (5). Note that some portal pages do not include themes.
(5) Topics in the selected theme. Click a topic title to jump to the topic page.
(6) Indicates multiple topics
(7) Indicates that the information continues on the next page
(8) Identifies the current page among multiple portal pages
Introduction

Topic Pages

(1) Adjusting Image Brightness (Exposure Compensation)

1. Access the exposure compensation bar
2. Set up the camera

Standard exposure is adjustable in 1/3-stop increments, in a range of -3 to +3.

(2) Registering Web Services CANON IMAGE GATEWAY

4. Choose how to connect to the access point

- (a) WPS connection
  1. Connect with WPS
  2. [ ] button
  3. step 5 (A)

- (b) Choosing from the list
  1. Choose an access point
  2. [ ] button
  3. step 5 (B)

5. (A) Establish the connection

- [ ] button

On the access point, hold down the WPS connection button for a few seconds.

(1) Jump to the first page
(2) Return to the previous page
(3) Section icons
Click an icon to jump to the section’s portal page.
(4) Indicates that the information is continued from the previous page
(5) Indicates that the information continues on the next page
Instructions in this manual may include icons representing camera buttons and dials.

The following camera controls are represented by icons.

Shooting modes and on-screen icons and text are indicated in brackets.

Instructions in this manual apply to the camera under default settings.

For convenience, all lenses and mount adapters are simply referred to as “lenses” and “mount adapters”, whether they are included or sold separately.

Illustrations in this manual show the camera with the EF-M15-45mm f/3.5-6.3 IS STM lens attached as an example.

For convenience, all supported memory cards are simply referred to as the “memory card”.

Instructions in this manual apply to the camera as set to P mode if “set the shooting mode” step is omitted.
Preliminary Notes and Legal Information
Introduction
Contents
Safety Instructions

Getting Ready
Attaching the Strap
Charging the Battery Pack
Preparing a Memory Card
Inserting/Removing the Battery Pack
Inserting/Removing a Memory Card
Setting the Date and Time
Setting the Display Language
Attaching a Lens
Detaching a Lens
Attaching EF and EF-S Lenses
Detaching EF and EF-S Lenses
Using a Tripod with EF or EF-S Lenses
Using EF or EF-S Lens Image Stabilization
Holding the Camera
Camera Basics

Trying the Camera Out
Part Names
On/Off
Shutter Button
Shooting Modes
Adjusting the Screen Angle
Frames on the Shooting Screen
Shooting Display Options
Playback Display Options
Using the Quick Control Screen
Using the Menu Screen
Entering Characters
Indicator Display
Touch Operations

Shooting

Based on a Sample Image
Auto Mode
Specific Scenes
Image Effects (Creative Filters)
Manual Mode
Recording Movies in Movie Mode
Convenient Features

Playback
  Viewing
  Finding
  Managing
  Erasing Images
  Editing Stills
  Processing RAW Images with the Camera
  Editing Movies

Wireless Features
  Available Wireless Features
  Sending Images to an NFC-Compatiable Smartphone
  Sending Images to an NFC-Compatiable Smartphone (Playback Mode)
  Sending Images to a Bluetooth Enabled Smartphone
  Registering Web Services
  Uploading Images to Web Services
Other Settings

Preventing the AF-Assist Beam from Firing
Deactivating the Red-Eye Reduction Lamp
Changing the Image Display Period after Shots
Date-Based Image Storage
File Numbering
Formatting Memory Cards
Low-Level Formatting
Changing the Video System
Using Eco Mode
Power-Saving Adjustment
Screen Brightness
Customizing Shooting Information Display
Customizing Playback Information Display
World Clock
Date and Time
Display Language
Muting Camera Sounds
Activating Camera Sounds
Hiding Hints and Tips
Listing Shooting Modes by Icon
Adjusting the Touch-Screen Panel
Automatically Locking the Touch-Screen Panel
Disabling Auto Sensor Cleaning
Activating Sensor Cleaning
Cleaning the Sensor Manually
Checking Certification Logos
Setting Copyright Information to Record in Images
Deleting All Copyright Information
Restoring Main Camera Default Settings
Restoring Defaults for Individual Camera Functions

Index

Precautions for Wireless Features (Wi-Fi, Bluetooth, or Others)
Radio Wave Interference Precautions
Trademarks and Licensing
Disclaimer
Be sure to read these instructions in order to operate the product safely. Follow these instructions to prevent injury or harm to the operator of the product or others.

**WARNING**
Denotes the risk of serious injury or death.

- Keep the product out of the reach of young children. A strap wrapped around a person’s neck may result in strangulation.
- Use only power sources specified in this instruction manual for use with the product.
- Do not disassemble or modify the product.
- Do not expose the product to strong shocks or vibration.
- Do not touch any exposed internal parts.
- Stop using the product in any case of unusual circumstances such as the presence of smoke or a strange smell.
- Do not use organic solvents such as alcohol, benzine or paint thinner to clean the product.
- Do not get the product wet.
- Do not insert foreign objects or liquids into the product.
Do not use the product where flammable gases may be present. This may cause electric shock, explosion or fire.

For products featuring a viewfinder, do not look through the viewfinder at strong light sources such as the sun on a bright day or lasers and other strong artificial light sources. This may harm your vision.

Observe the following instructions when using commercially available batteries or provided battery packs.
- Use batteries/battery packs only with their specified product.
- Do not heat batteries/battery packs or expose them to fire.
- Do not charge batteries/battery packs using non-authorized battery chargers.
- Do not expose the terminals to dirt or let them come into contact with metallic pins or other metal objects.
- Do not use leaking batteries/battery packs.
- When disposing of batteries/battery packs, insulate the terminals with tape or other means.

This may cause electric shock, explosion or fire.

If a battery/battery pack leaks and the material contacts your skin or clothing, flush the exposed area thoroughly with running water. In case of eye contact, flush thoroughly with copious amounts of clean running water and seek immediate medical assistance.
- Observe the following instructions when using a battery charger or AC adapter.
  - Periodically remove any dust buildup from the power plug and power outlet using a dry cloth.
  - Do not plug in or unplug the product with wet hands.
  - Do not use the product if the power plug is not fully inserted into the power outlet.
  - Do not expose the power plug and terminals to dirt or let them come into contact with metallic pins or other metal objects.
- Do not touch the battery charger or AC adapter connected to a power outlet during lightning storms.
- Do not place heavy objects on the power cord. Do not damage, break or modify the power cord.
- Do not wrap the product in cloth or other materials when in use or shortly after use when the product is still warm in temperature.
- Do not leave the product connected to a power source for long periods of time. This may cause electric shock, explosion or fire.
- Do not allow the product to maintain contact with the same area of skin for extended periods of time during use. This may result in low-temperature contact burns, including skin redness and blistering, even if the product does not feel hot. The use of a tripod or similar equipment is recommended when using the product in hot places and for people with circulation problems or less sensitive skin.
Follow any indications to turn off the product in places where its use is forbidden. Not doing so may cause other equipment to malfunction due to the effect of electromagnetic waves and even result in accidents.

**CAUTION** Denotes the risk of injury.

- Do not fire the flash near the eyes. It may hurt the eyes.
- Strap is intended for use on the body only. Hanging the strap with any product attached on a hook or other object may damage the product. Also, do not shake the product or expose the product to strong impacts.
- Do not apply strong pressure on the lens or allow an object to hit it. This may cause injury or damage to the product.
- Flash emits high temperatures when fired. Keep fingers, any other part of your body, and objects away from the flash unit while taking pictures. This may cause burns or malfunction of the flash.
- Do not leave the product in places exposed to extremely high or low temperatures. The product may become extremely hot/cold and cause burns or injury when touched.
CAUTION  Denotes the possibility of property damage.

- Do not aim the camera at intense light sources, such as the sun on a clear day or an intense artificial light source. Doing so may damage the image sensor or other internal components.
- When using the camera on a sandy beach or at a windy location, be careful not to allow dust or sand to enter the camera.
- Wipe off any dust, grime, or other foreign matter on the flash with a cotton swab or cloth. The heat emitted from the flash may cause foreign matter to smoke or the product to malfunction.
- Remove and store the battery pack/batteries when you are not using the product. Any battery leakage that occurs may cause product damage.
- Before you discard the battery pack/batteries, cover the terminals with tape or other insulators. Contacting other metal materials may lead to fire or explosions.
- Unplug any battery charger used with the product when not in use. Do not cover with a cloth or other objects when in use. Leaving the unit plugged in for a long period of time may cause it to overheat and distort, resulting in fire.
Do not leave any dedicated battery packs near pets. Pets biting the battery pack could cause leakage, overheating, or explosion, resulting in product damage or fire.

If your product uses multiple batteries, do not use batteries that have different levels of charge together, and do not use old and new batteries together. Do not insert the batteries with the + and – terminals reversed. This may cause the product to malfunction.
Getting Ready

1. Attaching the Strap
2. Charging the Battery Pack
3. Preparing a Memory Card
4. Inserting/Removing the Battery Pack
5. Inserting/Removing a Memory Card
6. Setting the Date and Time
7. Setting the Display Language
8. Attaching a Lens
9. Detaching a Lens

Date/Time

Set Date/Time:

- 08. 08. 2017
- 10: 00

Set Next

Language Options:

- English
- Norsk
- Română
- Deutsch
- Svenska
- Türkçe
- Français
- Español
- العربية
- Nederlands
- Ελληνικά
- العربية
- Dansk
- Русский
- 简体中文
- Português
- Polski
- 繁體中文
- Suomi
- Čeština
- 한국어
Getting Ready

- Attaching EF and EF-S Lenses
- Detaching EF and EF-S Lenses
- Using a Tripod with EF or EF-S Lenses
- Using EF or EF-S Lens Image Stabilization
- Holding the Camera
Attaching the Strap

(1)

(2)

(3)

(4)
1. Remove the battery cover
2. Insert the battery pack
3. Charge the battery pack

- Charging: Orange
- Fully charged: Green

LC-E12E
Charging the Battery Pack

4

Remove the battery pack
Preparing a Memory Card

Use the following memory cards (sold separately), in any capacity.

- SD memory cards*¹
- SDHC memory cards*¹*²
- SDXC memory cards*¹*²

*¹ Cards conforming to SD standards. However, not all memory cards have been verified to work with the camera.
*² UHS-I memory cards are also supported.
1. Open the battery cover

2. When inserting the battery pack:
   - Terminals

3. When removing the battery pack:

4. Close the battery cover
Inserting/Removing a Memory Card

1. Open the memory card cover
2. When inserting the memory card:
   - Label
3. When removing the memory card:
4. Close the memory card cover
Setting the Date and Time

1. Turn the camera on

2. Set the date and time
   - Buttons to navigate → ▲/▼ buttons to adjust → SET buttons

3. Set your home time zone
   - Buttons to adjust → SET button
Setting the Display Language

1 Enter Playback mode

2 Access the menu screen

3 Set the display language

Hold down the button and press the button. 

buttons to adjust → button
1. Make sure the camera is off
2. Remove the lens cap and body cap
3. Attach the lens
4. Remove the front lens cap
5
Prepare to shoot

- Press (1) as you turn (2) slightly, and then release the switch.
- Turn (2) a little more until it clicks.
- Zoom in or out before focusing.
1 Make sure the camera is off

2 Detach the lens
   - Press (1) as you turn the lens toward (2) until it stops.
   - Remove it in the direction shown (3).

3 Attach the lens cap and body cap
1. Make sure the camera is off
2. Remove the lens cap and body cap
3. Attach the adapter to the camera
4. Attach the lens

- EF lenses
- EF-S lenses
Detaching EF and EF-S Lenses

1. Make sure the camera is off

2. Detach the lens
   - Slide (1) as you turn the lens toward (2) until it stops.
   - Remove it in the direction shown (3).

3. Detach the adapter
   - Press (1) as you turn the adapter toward (2) until it stops.
   - Remove it in the direction shown (3).

4. Attach the lens cap and body cap
Using a Tripod with EF or EF-S Lenses

1. Attach the tripod mount to the adapter

2. Attach the tripod to the tripod mount socket
Using EF or EF-S Lens
Image Stabilization
Holding the Camera
Camera Basics

- Trying the Camera Out
- Part Names
- On/Off
- Shutter Button
- Shooting Modes
- Adjusting the Screen Angle
- Frames on the Shooting Screen
- Shooting Display Options
- Playback Display Options
Camera Basics

Using the Quick Control Screen

Using the Menu Screen

Entering Characters

Indicator Display

Touch Operations
Camera Basics
Trying the Camera Out

- Shooting Stills (Scene Intelligent Auto)

- Recording Movies (Scene Intelligent Auto)

- Viewing Stills

- Viewing Movies

- Erasing Images
1 Turn the camera on

2 Set the mode

3 Zoom in or out, as needed

- (1) Scene icon
- (2) Remaining number of shots
- (3) Remaining recording time
4 Focus

- Press the shutter button lightly.
- The camera beeps twice after focusing.

5 Raise the flash as needed

- An AF frame is displayed around positions in focus.
- If [Raise the flash] is displayed, move the switch.

6 Shoot
1 Turn the camera on

2 Set the mode

3 Zoom in or out, as needed

- (1) Scene icon
- (2) Remaining number of shots
- (3) Remaining recording time
4  Start recording

Frames are displayed around any detected faces that are in focus.

5  Stop recording
1 Enter Playback mode

2 Browse your images

button: Previous image
button: Next image
1. Enter Playback mode

2. Browse your images
   - button: Previous image
   - button: Next image
   - Movies are labeled with [SET].

3. Play the movie
4

Adjust the volume

● ▲/▼ buttons → [▶] → SET button
1. Enter Playback mode

2. Browse your images
   - button: Previous image
   - button: Next image

3. Erase
   - buttons → [Erase] → button
### Part Names
#### Front

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Symbol in This Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Movie button</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>Front dial</td>
<td>⚙</td>
</tr>
<tr>
<td>(3)</td>
<td>EF-M lens mount index</td>
<td></td>
</tr>
<tr>
<td>(4)</td>
<td>Contacts</td>
<td></td>
</tr>
<tr>
<td>(5)</td>
<td>Shutter button</td>
<td></td>
</tr>
<tr>
<td>(6)</td>
<td>ON/OFF button</td>
<td></td>
</tr>
<tr>
<td>(7)</td>
<td>Mode switch</td>
<td></td>
</tr>
<tr>
<td>(8)</td>
<td>Flash</td>
<td></td>
</tr>
<tr>
<td>(9)</td>
<td>Lamp</td>
<td></td>
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</tbody>
</table>
## Part Names
### Front

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Symbol in This Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>(10)</td>
<td>Strap mount</td>
<td></td>
</tr>
<tr>
<td>(11)</td>
<td>Flash pop up switch</td>
<td>⚡</td>
</tr>
<tr>
<td>(12)</td>
<td>Terminal cover</td>
<td></td>
</tr>
<tr>
<td>(13)</td>
<td>Lens lock pin</td>
<td></td>
</tr>
<tr>
<td>(14)</td>
<td>Memory card cover</td>
<td></td>
</tr>
<tr>
<td>(15)</td>
<td>Lens release button</td>
<td></td>
</tr>
<tr>
<td>(16)</td>
<td>Lens mount</td>
<td></td>
</tr>
<tr>
<td>(17)</td>
<td>HDMI™ terminal</td>
<td></td>
</tr>
<tr>
<td>(18)</td>
<td>Digital terminal</td>
<td></td>
</tr>
</tbody>
</table>
### Part Names

#### Front

<table>
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<tr>
<th>No.</th>
<th>Name</th>
<th>Symbol in This Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>(19)</td>
<td>N-Mark</td>
<td><img src="symbol" alt="N" /></td>
</tr>
<tr>
<td>(20)</td>
<td>Tripod socket</td>
<td></td>
</tr>
<tr>
<td>(21)</td>
<td>Battery cover</td>
<td></td>
</tr>
<tr>
<td>(22)</td>
<td>DC coupler terminal cover</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
<td>Symbol in This Manual</td>
</tr>
<tr>
<td>-----</td>
<td>-----------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>(1)</td>
<td>Screen / Touch-screen panel</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>Focal plane mark</td>
<td>-</td>
</tr>
<tr>
<td>(3)</td>
<td>Microphone</td>
<td></td>
</tr>
<tr>
<td>(4)</td>
<td>Indicator</td>
<td></td>
</tr>
<tr>
<td>(5)</td>
<td>Strap mount</td>
<td></td>
</tr>
<tr>
<td>(6)</td>
<td>Speaker</td>
<td></td>
</tr>
<tr>
<td>(7)</td>
<td>Wi-Fi button</td>
<td>( sóng )</td>
</tr>
<tr>
<td>(8)</td>
<td>Playback button</td>
<td>🎥</td>
</tr>
</tbody>
</table>
### Part Names

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Symbol in This Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>(9)</td>
<td>Menu button</td>
<td>MENU</td>
</tr>
<tr>
<td>(10)</td>
<td>Exposure compensation / Single-image erase / Up button</td>
<td>[+/-/▲]</td>
</tr>
<tr>
<td>(11)</td>
<td>AE lock / Left button</td>
<td>[*/◀]</td>
</tr>
<tr>
<td>(12)</td>
<td>Quick Control / Set button</td>
<td>[快门/SET]</td>
</tr>
<tr>
<td>(13)</td>
<td>Flash / Right button</td>
<td>[ ⇐/▶]</td>
</tr>
<tr>
<td>(14)</td>
<td>Information / Down button</td>
<td>INFO/▼</td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
<td>Symbol in This Manual</td>
</tr>
<tr>
<td>-----</td>
<td>---------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>(1)</td>
<td>Focusing ring</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>Hood mount</td>
<td></td>
</tr>
<tr>
<td>(3)</td>
<td>Filter-mounting thread</td>
<td></td>
</tr>
<tr>
<td>(4)</td>
<td>Lens retraction switch</td>
<td></td>
</tr>
<tr>
<td>(5)</td>
<td>Lens mount index</td>
<td></td>
</tr>
<tr>
<td>(6)</td>
<td>Zoom ring</td>
<td></td>
</tr>
<tr>
<td>(7)</td>
<td>Lens retraction index</td>
<td></td>
</tr>
<tr>
<td>(8)</td>
<td>Zoom position index</td>
<td></td>
</tr>
<tr>
<td>(9)</td>
<td>Contacts</td>
<td></td>
</tr>
</tbody>
</table>
Shooting Mode

- On: Press the button.
- Off: Press the ON/OFF button.

Playback Mode
Shutter Button

1 Press halfway (Press lightly to focus)
- The camera beeps twice.
- A frame is displayed around positions in focus.

2 Press all the way down (From the halfway position, press fully to shoot)
- The camera shoots.
Shooting Modes

Switch to a shooting mode for how or what you will shoot.

1. Fully automatic shooting, with camera-determined settings.
2. Add a variety of effects and use your preferred settings.
3. For recording movies.

1. Set the mode
   - Move the mode switch.
   - When choosing , go to step 2.

2. Set the shooting mode
   - Touch the icon in the upper left.
Shooting Modes

Switch to a shooting mode for how or what you will shoot.

(1) Fully automatic shooting, with camera-determined settings.
(2) Add a variety of effects and use your preferred settings.
(3) For recording movies.

3

Set up the camera

Drag up or down to browse shooting modes, and touch a mode of your choice.

Touch [OK].
The screen can be opened to about 180°.
Frames on the Shooting Screen

White frame
- Displayed around the subject or person’s face detected as the main subject.

Green frame
- Displayed after the camera focuses when you press the shutter button halfway.

Blue frame
- Displayed as the camera continues to focus on moving subjects in [A+] mode. Displayed as long as you press the shutter button halfway.

Orange frame + [❗]
- Displayed if the camera cannot focus when you press the shutter button halfway.
1

Switch the display modes

- Shooting information
- Histogram
- No information display
- INFO. Quick Control screen
Playback Display Options

1
Switch the display modes

No information display
Information display 1 (summary)
Information display 2 (details)
Information display 3 (details)
1 Access the setting screen

2 Choose the setting item

3 Choose the setting option

- (1) Setting items
- (2) Setting options
4

Confirm your choice and exit

To set items labeled [MENU], press the MENU button.
Using the Menu Screen

1. Access the menu screen

- (1) Function tabs
- (2) Page tabs
- (3) Setting items
- (4) Setting options

2. Choose a tab

3. Choose the setting item
4 Choose the setting option

5 Confirm your choice and exit
### Entering Characters

- **Entering characters**
  - Touch a character → [OK]

- **Moving the cursor**
  - Touch [←]/[→].

- **Switching input modes**
  - [1]: Switch to numbers or symbols
  - [1]: Switch to uppercase

- **Deleting characters**
  - Touch [X].
Entering line breaks

Returning to the previous screen

Touch `[←]`. 
Indicator display varies depending on the camera status.

### Indicator Display

<table>
<thead>
<tr>
<th>Color</th>
<th>Status</th>
<th>Camera Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>Blinking</td>
<td>• Connected to a computer</td>
</tr>
<tr>
<td></td>
<td>Slow blinking</td>
<td>• Display off</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Starting up</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Recording to/reading from a memory card</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Communicating with other devices</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Shooting long exposures</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Connecting/transmitting via Wi-Fi</td>
</tr>
</tbody>
</table>
Accessing the setting screen

Touch [Q].

Setting up the camera

Touch a setting item (1) → option (2).

Returning to the previous screen

Touch [←], or touch the selected item again.

Switching screens

Touch [MENU].
Adjusting amounts on bars

- Touch or drag the bar.
Touch Operations
MENU

Setting up the camera

- Touch a function tab (1) → page tab (2) → setting item (3) → option (4).

Returning to the previous screen

- Touch [MENU].

Adding/removing check marks

- Touch a check box.

Instead of pressing the INFO button

- Touch [INFO].
Instead of pressing the **MENU** button

- Touch **MENU**.

Instead of pressing the **SET** button

- Touch **SET**.
Touch Operations
Playback

Viewing images individually
- Next image: Drag left
- Previous image: Drag right

Playing movies
- Play: Touch [▶]
- Adjust volume: During playback, drag up/down quickly

Operations during movies
- Stop: Touch the screen
- Resume: Touch [▶]
- Adjust volume: Touch [音量]

Switching to index display
Displaying fewer images

Magnifying images (about 3x)

Magnifying images (up to 10x)

Reducing magnified images

Quickly touch twice.

Restore original size: Touch [MENU]
## Shooting

### Based on a Sample Image

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### Convenient Features

- **Self Portraits under Optimal Settings**
- **Portraits**
- **Smoooth Skin**
- **Landschapes**
- **Close-ups**
- **Moving Subjects**
### Shooting

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### Convenient Features
- Enhancing Colors of Food
- Evening Scenes without a Tripod
- Backlit Scenes
- Monochrome
- Soft Focus Effect
- Fish-Eye Lens Effect
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- **Oil Painting Effect**
- **Watercolor Effect**
- **Toy Camera Effect**
- **Miniature Model Effect**
- **High-Contrast Scenes**
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Scene Intelligent Auto (Stills)  
Scene Intelligent Auto (Movies)  
Hybrid Auto Mode
1. Turn the camera on
2. Set the mode
3. Zoom in or out, as needed
4. Shoot

Scene Intelligent Auto (Stills)
1. Turn the camera on
2. Set the mode
3. Zoom in or out, as needed
4. Start recording

Scene Intelligent Auto (Movies)
5  
Adjust how the shot is composed, as needed

6  
Stop recording
Hybrid Auto Mode

You can make a short movie of the day just by shooting stills. The camera records 2 – 4-second clips of scenes before each shot, which are later combined in a digest movie.

1. Set the mode

2. Set the shooting mode

3. Compose the shot and shoot
## Shooting

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**Self Portraits under Optimal Settings**

**Portraits**

**Smooth Skin**

**Landscapes**

**Close-ups**

**Moving Subjects**
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- Enhancing Colors of Food
- Evening Scenes without a Tripod
- Backlit Scenes
Self Portraits under Optimal Settings

For self-portraits, customizable image processing includes skin smoothing as well as brightness and background adjustment to make yourself stand out.

1. Open the screen
   - Touch [ ].

2. Set the shooting mode
   - Touch an item.

3. Set up the camera
   - Adjust the level.
For self-portraits, customizable image processing includes skin smoothing as well as brightness and background adjustment to make yourself stand out.
Portraits

Take shots of people with a softening effect.

1. Set the mode

2. Set the shooting mode

   - [Portrait] → [OK]

3. Shoot
Smooth Skin

Processes images to make skin look smoother.

1. Set the mode
2. Set the shooting mode
3. Shoot
Capture wide-open landscapes or similar scenery in sharp focus from near to far, with blue skies and greenery reproduced vividly.

1. Set the mode

2. Set the shooting mode

3. Shoot
Close-ups

For shooting close-ups of flowers or other small objects.

1 Set the mode
2 Set the shooting mode
3 Shoot

[Image of camera set to close-up mode]

[Instructions]

1. Set the mode
2. Set the shooting mode
3. Shoot
Shoot continuously as the camera keeps the subject in focus.

Moving Subjects

1. Set the mode
2. Set the shooting mode
3. Shoot
Enhancing Colors of Food

Adjust color tones to make food look fresh and vibrant.

1. Set the mode

2. Set the shooting mode

3. Adjust the color tone
Adjust color tones to make food look fresh and vibrant.
Evening Scenes without a Tripod

Beautiful shots of evening scenes or portraits with evening scenery in the background, without the need to hold the camera very still (as with a tripod).

1. Set the mode

2. Set the shooting mode

3. Shoot
Three consecutive images are captured at different brightness levels each time you shoot, and the camera combines image areas with optimal brightness to create a single image. This mode can reduce the loss of detail in shadows that tends to occur in shots with mixed bright and dark image areas.

1. Set the mode
2. Set the shooting mode
   - HDR Backlight Control
3. Shoot
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- **Monochrome**
- **Soft Focus Effect**
- **Fish-Eye Lens Effect**
- **Oil Painting Effect**
- **Watercolor Effect**
- **Toy Camera Effect**
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- **Miniature Model Effect**
- **High-Contrast Scenes**
- **HDR Effect**
Monochrome

Take monochrome pictures with a gritty, rough feeling.

1 Set the mode

2 Set the shooting mode

3 Adjust the effect level

Grainy B/W
Take monochrome pictures with a gritty, rough feeling.
Set the mode

Set the shooting mode

Adjust the effect level

This function allows you to shoot images as if a soft focus filter were attached to the camera.
This function allows you to shoot images as if a soft focus filter were attached to the camera.

**Normal**

**Soft focus**
Fish-Eye Lens Effect

Shoot with the distorting effect of a fish-eye lens.

1. Set the mode
2. Set the shooting mode
3. Adjust the effect level
Fish-Eye Lens Effect

Shoot with the distorting effect of a fish-eye lens.

Fish-eye effect

4

Shoot
Oil Painting Effect

Make subjects look more substantial, like subjects in oil paintings.

1. Set the mode

2. Set the shooting mode

3. Adjust the effect level
Oil Painting Effect

Make subjects look more substantial, like subjects in oil paintings.

Art bold effect

4

Shoot
Watercolor Effect

Soften colors, for photos resembling watercolor paintings.

1. Set the mode

2. Set the shooting mode

3. Adjust the effect level
Watercolor Effect

Soften colors, for photos resembling watercolor paintings.

Water painting effect

4

Shoot
1 Set the mode

2 Set the shooting mode

3 Choose an effect

This effect makes images resemble shots from a toy camera, with vignetting (darker, blurred image corners) and modified color overall.
Toy Camera Effect

This effect makes images resemble shots from a toy camera, with vignetting (darker, blurred image corners) and modified color overall.
1. Set the mode

2. Set the shooting mode

3. Choose the area to keep in focus

---

Miniature Model Effect

Creates the effect of a miniature model, by blurring image areas outside a selected area.
Miniature Model Effect

Creates the effect of a miniature model, by blurring image areas outside a selected area.

To resize the frame:

To move the frame:

4 For movies, choose the speed

5 Return to the shooting screen
Miniature Model Effect

Creates the effect of a miniature model, by blurring image areas outside a selected area.

Shoot

6
High-Contrast Scenes

Three consecutive images are captured at different brightness levels each time you shoot, and the camera combines image areas with optimal brightness to create a single image (High Dynamic Range). This mode can reduce the washed-out highlights and loss of detail in shadows that tend to occur in high-contrast shots.

1. Set the mode
2. Set the shooting mode
3. Shoot
HDR Effect

1. Set the mode
   - Natural
   - Art Standard
   - Art Vivid
   - Art Bold
   - Art Embossed

2. Set the shooting mode
   - HDR

3. Choose an effect
   - HDR Effect
   - Natural
   - Art Standard
   - Art Vivid
   - Art Bold
   - Art Embossed
HDR Effect

Natural  Art Standard  Art Vivid  Art Bold  Art Embossed

4
Shoot
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**Convenient Features**

**Setting Up Shooting from a Single Screen**

- Image Brightness
- Image Colors
- Focusing
- Flash
- Other Settings
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- **Specific Shutter Speeds and Apertures**
- **Customizing the Camera**
- **Creative Assist**
Setting Up Shooting from a Single Screen

The INFO. Quick Control screen provides convenient, single-screen access to a variety of shooting settings.

1. Access the setting screen
   - Press the button a few times.

2. Choose a setting to configure
   - Press the SET button.
   - ] buttons to navigate → dial to adjust
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- Adjusting Image Brightness (Exposure Compensation)
- Deactivating Exposure Simulation
- Locking Image Brightness / Exposure (AE Lock)
- Changing the Metering Method
- Changing the ISO Speed
- Adjusting ISO Auto Settings
## Shooting

### Image Brightness

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- **Auto Correction of Brightness and Contrast (Auto Lighting Optimizer)**
- **Shooting Bright Subjects (Highlight Tone Priority)**
Adjusting Image Brightness (Exposure Compensation)

1. Access the exposure compensation bar

2. Set up the camera

   - Turn the dial as you watch the screen → button

Standard exposure is adjustable in 1/3-stop increments, in a range of −3 to +3.
Images are displayed at a brightness simulating the actual brightness as captured. For this reason, screen brightness is also adjusted in response to changes in exposure compensation. This feature can be disabled to keep the screen at a brightness convenient for shooting, unaffected by exposure compensation.

1. Access the menu screen
2. Set up the camera

- [Expo. simulation] → [Enable] → [Disable]
Locking Image Brightness / Exposure (AE Lock)

Before shooting, you can lock the exposure, or you can specify focus and exposure separately.

1. Lock the exposure

   Aim the camera at the subject to shoot with the exposure locked, and then press the button.

2. Compose the shot and shoot
Changing the Metering Method

1. Access the setting screen
   - [ ] → choose an option → [ ] button

2. Set up the camera
   - [ ] → choose an option → [ ] button

Evaluative metering
Partial metering
Spot metering
Center-weighted average
Changing the ISO Speed

Set the ISO speed to [AUTO] for automatic adjustment to suit the shooting mode and conditions. Otherwise, set a higher ISO speed for higher sensitivity, or a lower value for lower sensitivity.

1. Access the ISO speed bar
   - Touch [ISO AUTO].

2. Set up the camera
   - 
   
   - [ ] buttons → SET button
Adjusting ISO Auto Settings

You can limit the ISO speed when ISO speed is set to [AUTO].

Maximum set low Maximum set high

1 Access the menu screen

2 Set up the camera

- [5] → [ISO speed] → [ISO Auto]
  → choose an option
  → SET button
Auto Correction of Brightness and Contrast (Auto Lighting Optimizer)

1. Access the setting screen
   ![Setting Screen]
2. Set up the camera
   ![Camera Setting]

   - [ ] → choose an option → SET button
Shooting Bright Subjects (Highlight Tone Priority)

Improve gradation in bright image areas to avoid loss of detail in subject highlights.

1. Access the menu screen

2. Set up the camera

- [5] → [Highlight tone priority] → [Enable] → button
## Shooting Image Colors

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- **Capturing Natural Colors (White Balance)**
- **Custom White Balance**
- **Manually Correcting White Balance**
- **Manually Setting White Balance Color Temperature**
- **Choosing Color Tones (Picture Style)**
- **Customizing Picture Styles**
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Saving Customized Picture Styles
By adjusting white balance (WB), you can make image colors look more natural for the scene you are shooting.

1. Access the setting screen

2. Set up the camera

- Choose an option → SET button
For image colors that look natural under the light in your shot, adjust white balance to suit the light source where you are shooting. Set the white balance under the same light source that will illuminate your shot.

1. **Shoot a white object**
   - With a plain white object filling the entire screen, focus and shoot.

2. **Access the menu**
   - [Custom WB] → button

3. **Access the custom WB screen**
For image colors that look natural under the light in your shot, adjust white balance to suit the light source where you are shooting. Set the white balance under the same light source that will illuminate your shot.

4 Load the white data

5 Return to the shooting screen

6 Access the setting screen
For image colors that look natural under the light in your shot, adjust white balance to suit the light source where you are shooting. Set the white balance under the same light source that will illuminate your shot.

Set up the camera

button
Manually Correcting White Balance

You can manually correct white balance. This adjustment can match the effect of using a commercially available color temperature conversion filter or color-compensating filter.

1. Access the setting screen

2. Set up the camera

   - Choose an option → dial to adjust

3. Set in greater detail, as needed

Daylight shot
Corrected
Manually Correcting White Balance

You can manually correct white balance. This adjustment can match the effect of using a commercially available color temperature conversion filter or color-compensating filter.

Daylight shot  Corrected

*MENU* button →

↑/↓/←/→ buttons to adjust → *MENU* button
Manually Setting White Balance Color Temperature

A value can be set representing the white balance color temperature.

1. Access the setting screen
2. Choose the setting item
   - AWB → [5200K]
3. Set up the camera
   - Choose an option → SET button
Choosing Color Tones (Picture Style)

Choose a Picture Style with color settings that express moods or subjects well. Eight Picture Styles are available, and each can be further customized.

1. Access the setting screen

![Image of setting screen]

2. Set up the camera

- Press the menu button → choose an option → press the set button
Customizing Picture Styles

Customize parameters of Picture Styles such as contrast or saturation.

1. Access the setting screen
2. Choose a style
   - Choose an item → adjust → SET button
3. Set up the camera
   - Choose an item → adjust → SET button
Saving Customized Picture Styles

Save presets (such as [ ] or [ ]) that you have customized as new styles. You can create several Picture Styles with different settings for parameters such as sharpness or contrast.

1. Access the setting screen

2. Select a user-defined style number

3. Select a style to modify
Save presets (such as [P] or [L]) that you have customized as new styles. You can create several Picture Styles with different settings for parameters such as sharpness or contrast.

4

Customize the style

- Use the 
  buttons to choose an option to modify →buttons to customize →button
## Shooting Focusing

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### Shooting Focusing

- **Shooting in Manual Focus Mode**
- **Fine-Tuning the Focus**
- **Easily Identifying the Focus Area (MF Peaking)**
- **Choosing the AF Method**
- **Shooting with Servo AF**
- **Changing the Focus Setting**
Choosing Subjects to Focus On
(Touch AF)

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When focusing is not possible in AF mode, use manual focus. To make focusing easier, magnify the display.

1. Choose [MF] (EF-M lenses)
   - Set the lens switch to MF.

(Other lenses)
   - [3] → [Focus mode] → [MF] → button → MENU
   - Set the lens switch to MF.
When focusing is not possible in AF mode, use manual focus. To make focusing easier, magnify the display.

2  Activate magnification

- Touch [Zoom].

3  Choose an area to focus on

- Drag across the screen to display an area to focus on.
- To center the display again, press the button.

4  Focus
When focusing is not possible in AF mode, use manual focus. To make focusing easier, magnify the display.
Fine-tune autofocusing with an EF-M lens attached by turning the focusing ring.

1. Access the menu screen

2. Set up the camera
   - [3] → [Focus mode] → [AF+MF] → SET button

3. Focus
   - Hold the shutter button halfway down.
Fine-tune autofocusing with an EF-M lens attached by turning the focusing ring.

1. Autofocus
2. Focusing ring

4. Fine-tune the focus
   - Magnification is activated.
5. Shoot
Easily Identifying the Focus Area (MF Peaking)

Edges of subjects in focus are displayed in color to make manual focusing easier. You can adjust the colors and the sensitivity (level) of edge detection as needed.

1. Access the menu screen

2. Set up the camera

- `[4] → [MF Peaking Settings] → [Peaking] → [On]`

- MF Peaking Settings:
  - Peaking: On
  - Level: High
  - Color: Red
Easily Identifying the Focus Area (MF Peaking)

Edges of subjects in focus are displayed in color to make manual focusing easier. You can adjust the colors and the sensitivity (level) of edge detection as needed.
Choosing the AF Method

1. Access the setting screen

2. Set up the camera

- [AF] → choose an option → SET button

Change the auto focus (AF) mode to suit shooting conditions.

1-point AF

+[Tracking]

Smooth zone AF
Shooting with Servo AF

This mode helps avoid missing shots of subjects in motion, because the camera continues to focus on the subject and adjust the exposure as long as you press the shutter button halfway.

1. Access the setting screen
2. Set up the camera
3. Focus

- **Access the setting screen**
- **Set up the camera**
  - [ONE SHOT] → [SERVO] → SET
- **Focus**
This mode helps avoid missing shots of subjects in motion, because the camera continues to focus on the subject and adjust the exposure as long as you press the shutter button halfway.
Changing the Focus Setting

You can change default camera operation of constantly focusing on subjects it is aimed at, even when the shutter button is not pressed. Instead, you can limit camera focusing to the moment you press the shutter button halfway.

1. Access the menu screen

2. Set up the camera

   ![Menu Screen]

   - [Continuous AF] → [Enable]
   - [Continuous AF] → [Disable]
Choosing Subjects to Focus On (Touch AF)

You can shoot after the camera focuses on your selected subject, person’s face, or position on the screen.

1. Touch a subject to focus on

2. Shoot
### Shooting

#### Flash

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#### Convenient Features

**Changing the Flash Mode**

**Adjusting the Flash Exposure Compensation**

**Shooting with the FE Lock**

**Changing the Flash Timing**

**Changing the Flash Metering Mode**

**Adjusting the Flash Output**
### Shooting Flash

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#### Resetting Flash Settings

![Clear built-in flash settings](image)

Clear all built-in flash settings

- [Cancel](#)   - [OK](#)
Changing the Flash Mode

You can change the flash mode to match the shooting scene. To illuminate the main subject (such as people) and reduce shadows in the background, use Slow Synchro.

1. Raise the flash
2. Set up the camera
   - button → choose a flash mode → SET button
Adjusting the Flash Exposure Compensation

1. Raise the flash

2. Set up the camera

- button → dial to adjust → button

Just as with regular exposure compensation, you can adjust the flash exposure from –2 to +2 stops, in 1/3-stop increments.
Shooting with the FE Lock

1. Raise the flash

2. Set to [Flash]

3. Lock the flash exposure

Just as with the AE lock, you can lock the exposure for flash shots.

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<th>FE lock</th>
<th>Without FE lock (overexposed)</th>
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- Aim at subject for fixed exposure → button
Shooting with the FE Lock

Just as with the AE lock, you can lock the exposure for flash shots.

FE lock

Without FE lock (overexposed)

4

Compose the shot and shoot
Changing the Flash Timing

Change the timing of the flash and shutter release.

1st-curtain flash 2nd-curtain flash

1  Access the menu screen

2  Set up the camera

- [Mode 5] → [Flash Control] → [Built-in flash settings] → [Shutter Sync.] → choose an option
Changing the Flash Metering Mode

[Evaluative] flash metering, which enables standard flash exposure, can be changed to average flash metering across the metering area, as when using an externally metered flash.

1. Access the menu screen

2. Set up the camera

- [Flash Control] → [E-TTL II meter.] → [Average] → [SET] button
Adjusting the Flash Output

Choose from the three flash levels in \(M/Av/Tv\) modes.

1. Set the mode
2. Set the shooting mode
3. Access the menu screen
Setting up the camera

1. Set up the camera

2. Raise the flash

3. Adjust the flash output

Adjusting the Flash Output

Choose from the three flash levels in [M/Av] / [Tv] modes.

4. Set up the camera

[5] → [Flash Control] → [Built-in flash settings] → [Flash Mode] → [Manual flash] → MENU button

5. Raise the flash

6. Adjust the flash output

[5] → [Flash Control] → [Built-in flash settings] → [Flash Mode] → [Manual flash] → MENU button

Minimum

Maximum

Minimum

Maximum
Adjusting the Flash Output

Choose from the three flash levels in [M/Av/Tv] modes.

- Minimum
- Maximum

button → dial to adjust → SET button
1 Access the menu screen

2 Restore the default settings

- [Flash Control] → [Clear settings]

- [OK] → SET button
### Shooting

#### Other Settings

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### Convenient Features

- Changing the IS Mode Settings
- Correcting Camera Shake when Recording Movies
- Correcting Lens Aberrations
- Changing the Noise Reduction Level
- Using Multi Shot Noise Reduction
- Reducing Noise at Slow Shutter Speeds
Changing the IS Mode Settings

Configure image stabilization via the camera menu when using an EF-M lens with image stabilization.

Continuous

Off

1
Access the menu screen

2
Set up the camera

- [ ] → [IS Settings]
- → [IS Mode] → choose an option
Correcting Camera Shake when Recording Movies

Activate image stabilization on the camera to correct camera shake when recording movies with a lens that supports image stabilization.

1. Access the menu screen
2. Set up the camera
   - [4] → [IS Settings] → [Digital IS] → choose an option
Correcting Lens Aberrations

1 Access the menu screen

2 Set up the camera

- [4] → [Lens aberration correction] → choose an option
- Confirm that [Correction data available] is displayed.

Correct vignetting and subject color fringing due to lens characteristics, or lack of image sharpness due to aperture.

Peripheral illumination correction: Disable
Peripheral illumination correction: Enable
You can choose from 3 levels of noise reduction: [Standard], [High], [Low]. This function is especially effective when shooting at high ISO speeds.

1. Access the menu screen

2. Set up the camera

- [ museo ] → [High ISO speed NR] → choose an option → set button
Using Multi Shot Noise Reduction

Automatically combine four images captured at once to reduce noise. This enables higher image quality than setting [High ISO speed NR] to [High].

1. Access the menu screen

2. Set up the camera

- [6] → [High ISO speed NR] → [NR] → set button
Reducing Noise at Slow Shutter Speeds

Reduce noise from long exposures at shutter speeds of one second or slower.

1. Access the menu screen

2. Set up the camera

- [MENU] → [Long exp. noise reduction] → choose an option → SET button
### Shooting Specific Shutter Speeds and Apertures

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#### Specific Shutter Speeds (Tv Mode)
- Shooting Long Exposures (Bulb)

#### Specific Aperture Values (Av Mode)
- Recording Movies at Specific Shutter Speeds and Aperture Values

#### Specific Brightness/Exposure (M Mode)
- Specific Scenes

#### Convenient Features
- Recording Movies in Movie Mode

### Shooting Specific Scenes

- Specific Shutter Speeds and Aperture Values
- Recording Movies in Movie Mode
Specific Shutter Speeds (Tv Mode)

Set your preferred shutter speed before shooting. The camera automatically adjusts the aperture value to suit your shutter speed.

1. Set the mode

2. Set the shooting mode

3. Set up the camera

- [Tv] → [OK]
- Turn the dial.
Set your preferred shutter speed before shooting. The camera automatically adjusts the aperture value to suit your shutter speed.

**Slow**

**Fast**

4

Shoot
Set your preferred aperture value before shooting. The camera automatically adjusts the shutter speed to suit your aperture value.

1. Set the mode
2. Set the shooting mode
3. Set up the camera

- [Av] -> [OK]
- Turn the dial.
Specific Aperture Values (Av Mode)

Set your preferred aperture value before shooting. The camera automatically adjusts the shutter speed to suit your aperture value.

Small

Large

4

Shoot
Specific Brightness/Exposure (M Mode)

Set the shutter speed and aperture value to obtain your desired exposure.

1. Set the mode
   - [ON/OFF]

2. Set the shooting mode
   - [M] → [OK]

3. Set the ISO speed
   - [ISO AUTO] → choose an ISO speed
Set the shutter speed and aperture value to obtain your desired exposure.

4 Set the shutter speed
   - Turn the dial.

5 Set the aperture value
   - ▲ button → dial

6 Shoot
With bulb exposures, shots are exposed for as long as you hold down the shutter button all the way down.

1. Set the mode

2. Set the shooting mode

3. Set up the camera

- \[ \text{[M]} \rightarrow \text{[OK]} \]
Shooting Long Exposures (Bulb)

With bulb exposures, shots are exposed for as long as you hold down the shutter button all the way down.

4
Shoot

- Turn the dial to set the shutter speed to [BULB].
Recording Movies at Specific Shutter Speeds and Aperture Values

Set your preferred shutter speed, aperture value, and ISO speed.

1. Set the mode
2. Set the shooting mode
3. Set the ISO speed
Recording Movies at Specific Shutter Speeds and Aperture Values

Set your preferred shutter speed, aperture value, and ISO speed.

4 Set the shutter speed

5 Set the aperture value

6 Shoot

Manual movie

● ▲ button → dial

● ▲ button → dial
### Shooting
Customizing the Camera

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#### Configuring Custom Functions
![Configuring Custom Functions](image)

#### Changing Items on the Quick Control Screen
![Changing Items on the Quick Control Screen](image)

#### Rearranging Items on the Quick Control Screen
![Rearranging Items on the Quick Control Screen](image)
Configure custom functions on the [1] tab of the menu to customize how the camera works to suit your shooting preferences. You can also assign commonly used functions to specific buttons.

1. Access the menu screen
2. Choose the type of function to customize
3. Choose a function
4. Choose an option
Changing Items on the Quick Control Screen

1 Access the menu screen

- [ ] → [Quick setting menu layout] → SET button

2 Choose icons to include

- Choose an icon → SET button to select (✓) → MENU button

3 Set up the camera

- [OK] → SET button
Rearranging Items on the Quick Control Screen

1. Access the menu screen

   - [ ] 2] → [Quick setting menu layout] → [button

2. Rearrange the icons

   - Touch [Sort].

   - Choose an icon → [button → ▲/▼ buttons → choose a destination → [button → MENU button
3

Set up the camera

[OK] → SET button
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**Shooting Creative Assist**

- **Shooting with Your Favorite Settings (Creative Assist)**
- **Saving Creative Assist Settings**
- **Loading Creative Assist Settings**
- **Using Settings from Creative Assist Images**
Shooting with Your Favorite Settings (Creative Assist)

Defocus the background, adjust brightness, or change other settings in other ways as you watch the screen. You can also save your settings or apply settings from past images captured in [STAR] mode.

1. Set the mode

2. Set the shooting mode

   ![Screen](image)

3. Access the setting screen

   ![Setting Screen](image)
Defocus the background, adjust brightness, or change other settings in other ways as you watch the screen. You can also save your settings or apply settings from past images captured in 

4 Set up the camera

5 Return to the shooting screen

6 Shoot
1 Set the mode

2 Set the shooting mode

3 Access the setting screen

Saving Creative Assist Settings
Saving Creative Assist Settings

4  Set up the camera

5  Register

6  Return to the shooting screen

- ▲/▼ buttons to navigate → ◀/▶ buttons to adjust → SET button

- [ DISP. ] → choose an option → SET button

- [OK] → SET button
1. Set the mode

2. Set the shooting mode

3. Access the setting screen

Loading Creative Assist Settings
4

Load the settings

● [ ] → choose an option → [ ] button
1. Set the mode

2. Set the shooting mode

3. Enter Playback mode

[Image of mode selector]

[Image of shooting mode menu]

- Creative Assist
- Hybrid Auto
- Portrait
- Smooth Skin
- Landscape

- [ ] → [OK]
4
Choose an image from [ ] mode

- Choose an image → [ ] button

5
Apply the settings

- [ ] → [ ] button
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**Shooting**

- Recording Movies
- Locking or Changing Image Brightness
- Disabling Auto Slow Shutter
- Recording Time-Lapse Movies (Time-Lapse Movie)
- Adjusting the Recording Volume
- Deactivating the Wind Filter
### Shooting

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#### Using the Attenuator
Recording Movies

Record movies in [ ] mode using a variety of effects and features.

1. Set the mode
   - [ ] → [OK]

2. Set the shooting mode
   - [ ] → [OK]

3. Start recording
Recording Movies

Record movies in [mode using a variety of effects and features.

4

Stop recording
Locking or Changing Image Brightness

You can lock the exposure before or during recording or adjust it in 1/3-stop increments within a range of −3 to +3 stops.

1 Set the mode

2 Set the shooting mode

3 Lock the exposure

Set toward −  Set toward +
You can lock the exposure before or during recording or adjust it in 1/3-stop increments within a range of −3 to +3 stops.

4  Adjust the exposure

- ▲ button → turn
- ⌚ dial while watching the screen

5  Shoot
Disabling Auto Slow Shutter

Auto slow shutter can be disabled if movement in movies is rough. However, under low light, movies may look dark.

1. Set the mode
2. Set the shooting mode
3. Access the menu screen

- [ ] → [OK]
Auto slow shutter can be disabled if movement in movies is rough. However, under low light, movies may look dark.

Set up the camera

- [8] → [Auto slow shutter] → SET button
- [Disable] → SET button
Recording Time-Lapse Movies (Time-Lapse Movie)

Time-lapse movies combine images that are shot automatically at a specified interval. Any gradual changes of the subject (such as changes in a landscape) are played back in fast motion.

1. Set the mode
2. Set the shooting mode
3. Set up the camera

Set the mode

Set the shooting mode

Set up the camera
Time-lapse movies combine images that are shot automatically at a specified interval. Any gradual changes of the subject (such as changes in a landscape) are played back in fast motion.
Adjusting the Recording Volume

Although the recording level (volume) is automatically adjusted when set to [Auto], you can set the level manually to suit the scene recorded.

1. Set the mode
2. Set the shooting mode
3. Access the menu screen

[Image: Adjusting the recording volume]
Adjusting the Recording Volume

Although the recording level (volume) is automatically adjusted when set to [Auto], you can set the level manually to suit the scene recorded.

Adjusting the recording volume

Set up the camera

- [8] → [Sound recording] → SET button
- [Sound recording] → [Manual] → SET button
Adjusting the Recording Volume

Although the recording level (volume) is automatically adjusted when set to [Auto], you can set the level manually to suit the scene recorded.

[Rec. level] → [SET] button → buttons to adjust → [SET] button
Deactivating the Wind Filter

Noise caused by strong wind can be reduced with the wind filter. However, the recording may sound unnatural when this option is used when there is no wind. In this case, you can deactivate the wind filter.

1. Set the mode
2. Set the shooting mode
3. Access the menu screen
Deactivating the Wind Filter

Noise caused by strong wind can be reduced with the wind filter. However, the recording may sound unnatural when this option is used when there is no wind. In this case, you can deactivate the wind filter.

4
Set up the camera

- [Sound recording] → [Wind filter/Attenuator] → button
- [Wind Filter] → [Off] → button
Recording in noisy places

Set to [Auto] to reduce audio distortion by automatically activating and deactivating the attenuator to suit recording conditions. The attenuator can also be set to [On] or [Off] manually.

1. Set the mode
2. Set the shooting mode
3. Access the menu screen
Using the Attenuator

Set to [Auto] to reduce audio distortion by automatically activating and deactivating the attenuator to suit recording conditions. The attenuator can also be set to [On] or [Off] manually.

Recording in noisy places

Set up the camera

- [ ] [Sound recording] → [Wind filter/Attenuator] → button
- [ ] [Attenuator] → choose an option → button
### Shooting

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**Convenient Features**

- Using the Self-Timer
- Using the Self-Timer to Avoid Camera Shake
- Adjusting the Self-Timer
- Shooting by Touching the Screen (Touch Shutter)
- Continuous Shooting
- Changing Image Quality
### Shooting

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- **Capturing in RAW Format**
- **Changing the Aspect Ratio**
- **Changing Movie Image Quality**
Using the Self-Timer

With the self-timer, you can include yourself in group photos or other timed shots. The camera will shoot about 10 seconds after you press the shutter button.

1. Access the setting screen
2. Set up the camera
   - [OFF] → [10] → SET button
3. Shoot
Using the Self-Timer to Avoid Camera Shake

This option delays shutter release until about two seconds after you have pressed the shutter button. If the camera is unsteady while you are pressing the shutter button, it will not affect your shot.

1. Access the setting screen

2. Set up the camera

3. Shoot
Adjusting the Self-Timer

You can specify the delay (0 – 30 seconds) and number of shots (1 – 10).

1. Access the setting screen

2. Set up the camera

Choose time/no. of shots → buttons to choose a value → MENU button
You can specify the delay (0 – 30 seconds) and number of shots (1 – 10).

3
Shoot
Shooting by Touching the Screen
(Touch Shutter)

With this option, instead of pressing the shutter button, you can simply touch the screen and release your finger to shoot. The camera will focus on subjects and adjust image brightness automatically.

1
Set up the camera

2
Shoot

Touch [OFF] and change it to [ ].
Continuous Shooting

In \([\text{A}^+]\) mode, hold the shutter button all the way down to shoot continuously.

1. Set the mode
2. Access the setting screen
3. Set up the camera
4. Shoot
Continuous Shooting

In \([A^+]\) mode, hold the shutter button all the way down to shoot continuously.

- Hold the shutter button all the way down.
Changing Image Quality

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<td>Approx. 5.9 megapixels/normal quality</td>
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### Steps

1. Access the setting screen
   - ![Access Setting Screen](image)

2. Choose the setting item
   - ![Choose Setting Item](image)
   - Press the L button to choose an option → press the SET button
The camera can capture images in JPEG and RAW format. RAW images are “raw” (unprocessed) data, recorded with essentially no loss of image quality from the camera’s image processing.

1. Access the setting screen
2. Choose the setting item
3. Set up the camera

- Choose [L].
- RAW format only: choose [RAW]
Capturing in RAW Format

The camera can capture images in JPEG and RAW format. RAW images are “raw” (unprocessed) data, recorded with essentially no loss of image quality from the camera’s image processing.

JPEG+RAW:
choose JPEG image quality → press the MENU button to select (✓) [RAW]
Changing the Aspect Ratio

1. Access the setting screen

2. Choose the setting item

- [3:2] → choose an option → SET button
Changing Movie Image Quality

Adjust movie image quality (image size and frame rate). The frame rate indicates how many frames are recorded per second, and your options depend on the NTSC or PAL setting.

1. Access the setting screen

2. Choose the setting item

- [FHD 29.97P] → choose an option → SET button
## Playback

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- Viewing Stills
- Magnifying Images
- Viewing Slideshows
- Viewing Movies
- Viewing Digest Movies
Viewing Stills

After shooting images, you can view them on the screen.

1. Enter Playback mode
2. Browse your images

- button: Next image
- button: Previous image
Images can be magnified or reduced.

1. Enter Playback mode
2. Browse your images
3. Magnify or reduce images
4. Change image display
Images can be magnified or reduced.

- Move images: ▲/▼ buttons
- Switch images: SET button → ◀▶ buttons
Viewing Slideshows

Automatically play back images from a memory card.

1. Enter Playback mode

2. Access the menu screen

3. Play the slideshow

- [1] → [Slideshow] → SET button
- [Start] → SET button
Viewing Movies

After recording movies, you can view them on the screen. Movies are identified by a \[SET\] icon.

1. Enter Playback mode
2. Browse your images
   - button: Next image
   - button: Previous image
After recording movies, you can view them on the screen. Movies are identified by a [SET ▶] icon.

3

Play the movie

4

Adjust the volume

[▶] → SET button
A short movie of scenes that include your shots in [ ] mode is created automatically. Playing a digest movie shows the scenes captured that day.
Viewing Digest Movies

A short movie of scenes that include your shots in [ ] mode is created automatically. Playing a digest movie shows the scenes captured that day.

• [ ] → SET button
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- **Finding Images in an Index**
- **Finding Images Matching Specified Conditions**
- **Finding Images with the Front Dial**
Finding Images in an Index

By displaying multiple images in an index, you can quickly find the images you are looking for.

1. Enter Playback mode
2. Display images in an index
3. Browse your images
Find desired images quickly on a memory card full of images by filtering image display according to your specified conditions.

1. Enter Playback mode
2. Access the setting screen
3. Choose a condition
Finding Images Matching Specified Conditions

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

Choose a condition.
After choosing [★]/[✓]/[☐]: choose a second condition

Matching images are displayed in yellow frames.
Use the front dial to find and jump between desired images quickly according to your specified conditions.

1. Enter Playback mode

2. Choose a condition

- In single-image display, drag left or right with two fingers.
Use the front dial to find and jump between desired images quickly according to your specified conditions.

3

View the images

- When search conditions are displayed, press the ▲/▼ buttons to choose one.
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- **Protecting Individual Images**
- **Protecting Multiple Images**
- **Protecting a Range of Images**
- **Protecting All Images at Once**
- **Rating Images (Rating)**
Protecting Individual Images

Individual images can be protected to prevent accidental erasure of important images.

1. Enter Playback mode
2. Browse your images
3. Access the setting screen
4. Protect

![Diagram showing steps 1 to 4 with icons and a screenshot of the camera interface with a protect icon highlighted.]
Protecting Multiple Images

Multiple images can be selected individually and protected.

1. Enter Playback mode

2. Access the menu screen

3. Choose the setting item

- [1] → [Protect] → SET button
- [Select] → SET button
Multiple images can be selected individually and protected.

4 Browse your images
- Choose an image → SET button

5 Protect
- [OK] → SET button
Protecting a Range of Images

Ranges of images can be protected to prevent accidental erasure of important images.

1. Enter Playback mode

2. Access the menu screen

3. Choose the setting item

- [1] → [Protect] → [Select Range] → button
Protecting a Range of Images

Ranges of images can be protected to prevent accidental erasure of important images.

4
Choose a starting image

- [First image] → SET button

5
Choose an ending image

- [Last image] → SET button

Choose an image → SET button

Choose an image → SET button
Protecting a Range of Images

Ranges of images can be protected to prevent accidental erasure of important images.

6

Protect

• ▼ button → [Protect]
  → SET button
Protecting All Images at Once

All images can be protected to prevent accidental erasure of important images.

1. Enter Playback mode
2. Access the menu screen
3. Choose the setting item
   
   - [ ] → [Protect] → [Protect All Images] → [SET] button
Protecting All Images at Once

All images can be protected to prevent accidental erasure of important images.

4

Set up the camera

[OK] → SET button
Organize images by rating them on a scale of 1 – 6.

1. Enter Playback mode
   ![Playback mode button]

2. Browse your images
   ![Playback screen]

3. Access the setting screen
   ![Setting screen]

4. Set up the camera
   ![Setting screen with rating]
   - [★] → choose a rating → [SET] button
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- **Erasing Individual Images**
- **Erasing Multiple Images**
- **Erasing a Range of Images**
- **Erasing All Images**
You can choose and erase unneeded images one by one. Be careful when erasing images, because they cannot be recovered.

1. Enter Playback mode
2. Browse your images
3. Erase

[Erase] → [SET] button
Multiple images can be selected individually and erased. Be careful when erasing images, because they cannot be recovered.

1. Enter Playback mode
2. Access the menu screen
3. Choose the setting item
   - [Select] → [Erase] → [Select] → button
4. Browse your images
Multiple images can be selected individually and erased. Be careful when erasing images, because they cannot be recovered.

5
Erase

- Choose an image → SET button to select (✓)

- [OK] → SET button
A range of images can be selected and erased. Be careful when erasing images, because they cannot be recovered.

1. Enter Playback mode
2. Access the menu screen
3. Choose the setting item

- [Play] → [Erase] → [Select Range] → [Select Range] → SET button
Erasing a Range of Images

A range of images can be selected and erased. Be careful when erasing images, because they cannot be recovered.

4  Choose a starting image
   ● [First image] → SET button

5  Choose an ending image
   ● [Last image] → SET button

   ● Choose an image → SET button
   ● Choose an image → SET button
   ● Choose an image → SET button
A range of images can be selected and erased. Be careful when erasing images, because they cannot be recovered.

6

Erase

button → [Erase]

button
Erasing All Images

All images can be erased at once. Be careful when erasing images, because they cannot be recovered.

1. Enter Playback mode
2. Access the menu screen
3. Choose the setting item

- [1] → [Erase] → [Select All Images] → SET button
Erasing All Images

All images can be erased at once. Be careful when erasing images, because they cannot be recovered.

4

Erase

[OK] → SET button
### Playback

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#### Image Description:
- **Viewing:**
  - Rotating Images
  - Applying Filter Effects
- **Finding:**
  - Resizing Images
  - Correcting Red-Eye
- **Managing:**
  - Cropping
Rotating Images

Change the orientation of images and save them.

1. Enter Playback mode

2. Browse your images

3. Access the setting screen

4. Choose the setting item

Choose [Q].
Change the orientation of images and save them.

5

Rotate the image

<button>
[←/→] → SET

button
</button>
Save a smaller version of an image, with fewer pixels.

1. Enter Playback mode
2. Browse your images
3. Access the setting screen
4. Choose the setting item

→ choose an option → button
Save a smaller version of an image, with fewer pixels.

5
Save the new image

6
Review the new image

- [OK] → SET button
- [Processed img.] → SET button
You can specify a portion of an image to save as a separate image file.

1. Enter Playback mode

2. Browse your images

3. Access the setting screen

4. Choose the setting item

[button] → button
Cropping

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

5 Adjust the cropping frame
- Resize: Pinch in or out on the screen
- Move: ▲/▼/◄/► buttons

6 Preview the image
- Change orientation: 
  - dial → [正确] → SET button
- Change aspect ratio:
  - dial → [←] → SET button
You can specify a portion of an image to save as a separate image file.

7
Save the new image

- [ ] dial → [ ]
- [ ] dial → [ ]
- Switch display: [ ]

8
Review the new image

- [ ] dial → [ ]
- [OK] → [ ]
- [Processed img.] → [ ]
Applying Filter Effects

1. Enter Playback mode

2. Browse your images

3. Access the setting screen

4. Choose an effect

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

Apply effects equivalent to shooting in [.range/area] modes to images and save them as separate images.

5 Adjust the effect

- ▲/▼/◄/► buttons or dial to adjust → SET button

6 Save the new image

- [OK] → SET button

7 Review the new image

- [Processed img.] → SET button
Correcting Red-Eye

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

1. Enter Playback mode
2. Access the menu screen
3. Choose the setting item

- [ ] → [Red-Eye Correction] → SET button
Correcting Red-Eye

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

4 Browse your images
5 Correct the image
   • Press the SET button.
6 Save the new image
   • [New File] → SET button
7 Review the new image
Correcting Red-Eye

Automatically corrects images affected by red-eye. You can save the corrected image as a separate file.
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- **Processing RAW Images**
- **Setting Processing Conditions and Processing RAW Images**
Process images captured in RAW format on the camera. The original RAW image is retained, and a copy is saved as a JPEG.

1. Enter Playback mode
2. Choose a RAW image
3. Access the setting screen
4. Choose the setting item

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

5. Save

6. Review the new image

- [OK] → SET button
- [Processed img.] → SET button
Processing conditions can be set in detail before processing RAW images on the camera. The original RAW image is retained, and a copy is saved as a JPEG.

1. Enter Playback mode
2. Choose a RAW image
3. Access the setting screen
4. Choose the setting item

- [JPEG] → [RAW] → SET button
Processing conditions can be set in detail before processing RAW images on the camera. The original RAW image is retained, and a copy is saved as a JPEG.

5 Set the processing conditions

- Choose an item → SET button

6 Save

- [ição] → SET button → [OK] → SET button

7 Review the new image

- [Processed img.] → SET button
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- Cutting Off the Beginning/End of Movies
- Reducing File Sizes
- Editing Digest Movies
You can remove unneeded portions from the beginning and end of movies. Note that digest movies cannot be cut off.

### 1. Enter Playback mode

- Choose a movie → SET button

### 2. Browse your movies

### 3. Start and then pause playback

- [ ] → SET button
- → SET button during playback
You can remove unneeded portions from the beginning and end of movies. Note that digest movies cannot be cut off.

4 Choose the setting item

5 Specify portions to cut

- \[ \text{[setting]} \] \rightarrow \[ \text{move button} \]
- \[ \text{[setting]} \] is displayed.

- Cut the beginning of the movie (from \[ \text{[setting]} \]) by choosing \[ \text{[setting]} \], and cut the end of the movie by choosing \[ \text{[setting]} \].
Cutting Off the Beginning/End of Movies

You can remove unneeded portions from the beginning and end of movies. Note that digest movies cannot be cut off.

6  Review the edited movie
   ● [▶] → SET button

7  Save
   ● [来回] → SET button

   ● [New File] → SET button

   ● [Save w/o Comp.] → SET button
Movie file sizes can be reduced by compressing movies.

1. Enter Playback mode

2. Browse your movies

3. Start and then pause playback

- Choose a movie → SET button
- [▶] → SET button during playback
Movie file sizes can be reduced by compressing movies.

4. Choose the setting item
   - 

5. Choose the setting item
   - 

6. Save
   - [New File] → button
   - [Compress & Sav.] → button
Individual chapters (clips) recorded in [A] mode can be erased, as needed. Be careful when erasing clips, because they cannot be recovered.

1 Enter Playback mode

2 Browse your images

Choose a [SET] image → [SET] button
Individual chapters (clips) recorded in [A] mode can be erased, as needed. Be careful when erasing clips, because they cannot be recovered.

3 Start and then pause playback

- [ ] → button during playback

4 Select the clip to erase

- [ ] → button

5 Choose [ ]

- [ ] → button
Individual chapters (clips) recorded in [A] mode can be erased, as needed. Be careful when erasing clips, because they cannot be recovered.

6

Erase

[OK] → SET button
Wireless Features

Available Wireless Features

Sending Images to an NFC-Compatible Smartphone

Sending Images to an NFC-Compatible Smartphone (Playback Mode)

Sending Images to a Bluetooth Enabled Smartphone

Registering Web Services
CANON iMAGE GATEWAY

Registering Web Services
Other Web Services

Uploading Images to Web Services
Available Wireless Features

Wi-Fi Features

Smartphones and Tablets
Send images to smartphones and tablet computers that have Wi-Fi features.

Web Services
Send images to CANON iMAGE GATEWAY or other Web services.

Bluetooth® Features

You can easily pair the camera with a smartphone featuring Bluetooth low energy technology (hereafter referred to as “Bluetooth”).

You can shoot or view images by using your smartphone as a remote control.
Available Wireless Features

Media Players
View images on DLNA*-compatible TVs or other devices.
* Digital Living Network Alliance

Printers
Print images wirelessly on a PictBridge-compatible printer (supporting DPS over IP).

Other Cameras
Send and receive images wirelessly between Wi-Fi-compatible Canon cameras.

For instructions on these three features, refer to the Help Guide.
Sending Images to an NFC-Compatible Smartphone

1  Turn the camera on

2  Install Camera Connect

- Turn on NFC.

- Touch the marks together.
- Google Play starts up automatically on the smartphone.

- Download and install Camera Connect.
3. Establish the connection

- Touch the marks together.

Camera Connect starts up on the smartphone, and the devices are connected automatically.

4. Adjust the privacy setting

- [OK] → button
- Camera Connect starts up on the smartphone, and the devices are connected automatically.

Viewable imgs
- All images
- Images shot today
- Images shot in past days
- Select by rating
- File number range

5. Send

- [All images] → button
- Choose an image → [Send this image] → button
6

End the connection

MENU button → [OK] → SET button
Sending Images to an NFC-Compatible Smartphone (Playback Mode)

1. Enter Playback mode

2. Install Camera Connect

- **ON** Turn on NFC.
- Touch the **N** marks together.
- Google Play starts up automatically on the smartphone.
- Download and install Camera Connect.
3 Establish the connection

- Touch the N marks together.
- Camera Connect starts up on the smartphone, and the devices are connected automatically.

4 Browse your images

- Choose an image → SET button to select
- MENU button → [OK] → SET button

5 Send

- [Send] → SET button
End the connection

- **MENU** button → [OK]
1. Install Camera Connect
   - Download and install Camera Connect from the App Store/Google Play.

2. Turn the camera on

3. Register a nickname
   - Press the MENU button → [4] → [Wireless settings] → [Nickname] → SET button
   - Enter a nickname → MENU button
The [Wireless settings] screen is displayed again.

[Bluetooth settings] → [Pairing] → button

The camera is ready for the connection.

Start Camera Connect

Turn on Bluetooth.
Start Camera Connect.
6 Select the camera to connect to

- Do this on the smartphone.

7 Complete pairing

- [OK] → SET button

8 Import images

- Press the SET button.
- Do this on the smartphone.
Registering Web Services
CANON iMAGE GATEWAY

1. Access the Wi-Fi menu

2. Choose [☁️]

3. Accept the agreement to enter an email address

- If [Device Nickname] screen is displayed: [OK] → SET button
- [☁️] → SET button
- [I Agree] → SET button
4 Choose how to connect to the access point

(a) WPS connection
   - [Connect with WPS] → SET button → step 5 (A)

(b) Choosing from the list
   - Choose an access point → SET button → step 5 (B)

5 (A) Establish the connection

- [WPS (PBC mode)] → SET button

- On the access point, hold down the WPS connection button for a few seconds.
Registering Web Services
CANON iMAGE GATEWAY

6
Enter your email address

(B) Establish the connection

- Press the button.

- button → enter the password → [Next] → button

- [Auto] → button

- button → enter your email address → [Next] → button

- Enter a password
  Security: WPA2-PSK (AES)

- Network Settings
  Auto

- Camera Web Link Settings
  Enter your e-mail address to receive the link to initiate setup

- WPS (PBC mode)
  Press WPS button of wireless LAN terminal.
  Connection starts after you press [Next].
7 Enter a four-digit number

- SET button → enter a number → [Next] → SET button
- This number is also needed in step 9.

8 Check for the message

- You will receive a notification message at the email address entered in step 6.
- On the confirmation screen, press the SET button.

9 Set up camera link

- On a computer/smartphone, visit the page in the message and follow the instructions.
Registering Web Services
CANON iMAGE GATEWAY

- [再生] → [SET] button
- [草稿] and CANON iMAGE GATEWAY are now added as destinations.
1. Access the setting screen

- From a computer/smartphone, access http://www.canon.com/cig/ to visit CANON iMAGE GATEWAY.

2. Configure the Web service you want to use

- Follow the instructions to complete the settings.

3. Access the Wi-Fi menu

- [ ] → [ ] button
- The Web service settings are now updated.
1. Access the Wi-Fi menu

2. Choose the destination

3. Send

- Choose an icon →  button
- Choose an image → [Send this image] →  button
- If [Select Recipient] screen is displayed: choose an option →  button
- [OK] on screen after sending →  button
Other Settings

- Preventing the AF-Assist Beam from Firing
- Deactivating the Red-Eye Reduction Lamp
- Changing the Image Display Period after Shots
- Date-Based Image Storage
- File Numbering
- Formatting Memory Cards
- Low-Level Formatting
- Changing the Video System
- Using Eco Mode
Other Settings

Hiding Hints and Tips
Listing Shooting Modes by Icon
Adjusting the Touch-Screen Panel

Automatically Locking the Touch-Screen Panel
Disabling Auto Sensor Cleaning
Activating Sensor Cleaning

Cleaning the Sensor Manually
Checking Certification Logos
Setting Copyright Information to Record in Images
Deleting All Copyright Information

Restoring Main Camera Default Settings

Restoring Defaults for Individual Camera Functions
Preventing the AF-Assist Beam from Firing

The lamp lights up to help you focus when you press the shutter button halfway in low-light conditions. This lamp can be deactivated.

1. Access the menu screen

2. Choose the setting item

   ![Menu Screen]

   - [AF-assist beam firing] → SET button

3. Set up the camera

   ![Camera Setting]

   - [Disable] → SET button
Deactivating the Red-Eye Reduction Lamp

A red-eye reduction lamp lights up to reduce red-eye when the flash is used in low-light shots. This lamp can be deactivated.

1. Access the menu screen

2. Choose the setting item

3. Set up the camera

- [Flash Control] → Set button
- [Red-eye reduc.] → Set button
- [Off] → Set button
Changing the Image Display Period after Shots

1. Access the menu screen

2. Choose the setting item

   ![Image review menu]

   - [ photons ] → [ Image review ] → SET button

3. Set up the camera

   ![Image review settings]

   - Choose an option → SET button
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.

1. Access the menu screen

2. Choose the setting item

3. Set up the camera

- [1] → [Create Folder] → [Set] button
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.

1. Access the menu screen

2. Choose the setting item

3. Set up the camera
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, which cannot be recovered.

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<tr>
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<tr>
<td><strong>Access the menu screen</strong></td>
<td><strong>Choose the setting item</strong></td>
<td><strong>Execute</strong></td>
</tr>
<tr>
<td><img src="image1" alt="Screen Access" /></td>
<td><img src="image2" alt="Screen Settings" /></td>
<td><img src="image3" alt="Screen Execute" /></td>
</tr>
<tr>
<td>![1] → [Format] → [OK] button</td>
<td>![OK] → [OK] button</td>
<td><img src="image4" alt="All data on the memory card will be erased" /></td>
</tr>
</tbody>
</table>

**Format Memory Cards**

- Choose the setting item from the menu screen.
- Select [Format] and press [OK] button.
- Confirm and press [OK] button to execute the formatting process.
Low-Level Formatting

Perform low-level formatting in the following 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, which cannot be recovered.

1. Access the menu screen
2. Choose the setting item
3. Execute

button to select
(✓) → [OK] → button
Perform low-level formatting in the following 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, which cannot be recovered.

[OK] → [SET] button → [OK]
## Changing the Video System

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

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<td>Choose the setting item</td>
</tr>
<tr>
<td>3</td>
<td>Set up the camera</td>
</tr>
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</table>

1.  [Image showing menu screen with Video System highlighted]

2.  
   - Press `[1]` → `[Video system]` → `SET` button

3.  
   - Choose an option → `SET` button

- Option 1: NTSC
- Option 2: PAL
Using Eco Mode

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

1. Access the menu screen

2. Choose the setting item

3. Set up the camera

- [2] → [Eco Mode] → button
- [On] → button
1 Access the menu screen

2 Choose the setting item

- [Display Off] or [Auto Power Down] → SET button

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

3

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

● Adjust → SET button
Adjust screen brightness.

1. Access the menu screen

2. Choose the setting item
   - Setting item: [Disp. Brightness] → \[Set\] button

3. Set up the camera
Adjust screen brightness.

- Press buttons to adjust brightness → SET button
A grid can be shown on the shooting screen. You can also choose the type of histogram shown when the \( \blacksquare \) button is pressed.

1. Access the menu screen

2. Choose the setting item

3. Set up the camera

\[ \text{[\( \square \)] } \rightarrow \text{[Shooting information display]} \rightarrow \text{[SET]} \text{ button} \]
A grid can be shown on the shooting screen. You can also choose the type of histogram shown when the ▼ button is pressed.

4
Set up the camera

- [Grid display] or [Histogram] → SET button
- ▲/▼ buttons to choose an option → SET button
Customizing Playback Information Display

The shooting information displayed changes each time you press the ▼ button in Playback mode. You can customize the information displayed.

1. Access the menu screen
2. Choose the setting item
   - [5] → [Playback information display] → SET button
3. Set up the camera
The shooting information displayed changes each time you press the ▼ button in Playback mode. You can customize the information displayed.

Choose info to display → SET button to select (✓)
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.

1. Access the menu screen

2. Choose the setting item
   - [2] → [Time Zone] button

3. Specify your destination
   - [World] → SET button
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.

4

Switch to the destination time zone

Choose a destination

→ [OFF/ON] → SET button

[World] → MENU button

Time Zone
Select an option
🏠 Home 08.08.2017 10:00
✈ World 08.08.2017 11:00

MENU ➔ SET Select Time Zone
Date and Time

Adjust the date and time.

1. Access the menu screen
2. Choose the setting item
   - [2] → [Date/Time] → button
3. Set up the camera
   - Navigate and adjust → button
Change the display language as needed.

1. Access the menu screen

2. Choose the setting item
   - [Language] → [Language] → button

3. Set up the camera
   - Choose a language
     → button
Muting Camera Sounds

Prevent the camera from playing sounds when you press the shutter button halfway or activate the self-timer.

1. Access the menu screen

2. Choose the setting item

3. Set up the camera

- [3] → [Beep] → button
- [Off] → button
Activating Camera Sounds

Sounds can be played as feedback after camera operations, such as pressing buttons or touching the screen.

1. Access the menu screen
2. Choose the setting item
   - [Operation Vol.] → button
3. Set up the camera
   - [On] → button
Hiding Hints and Tips

Guidance is normally shown when you choose items on Quick Control or shooting screens. If you prefer, you can deactivate this information.

1. Access the menu screen

2. Choose the setting item

   - Press [3] → [Hints & Tips] → button

3. Set up the camera

   - Press [Off] → button

   - Press [Set] button
Listing Shooting Modes by Icon

List shooting modes on the selection screen by icon only, without mode names, for faster selection.

1. Set the mode

2. Access the menu screen

3. Choose the setting item

  - [3] → [Mode icon size/info] → SET button
List shooting modes on the selection screen by icon only, without mode names, for faster selection.

4

Set up the camera

[Small, no info] → SET button
Adjusting the Touch-Screen Panel

Sensitivity of the touch-screen panel can be increased, so that the camera responds to a lighter touch.

1. Access the menu screen

2. Choose the setting item

   - **[3]** → [Touch Operation] → SET button

3. Set up the camera

   - [Sensitive] → SET button
Automatically Locking the Touch-Screen Panel

To prevent unintended operations, you can set up automatic locking of the touch-screen panel.

1. Access the menu screen

2. Choose the setting item

3. Set up the camera

- [3] → [Screen auto-lock settings] → button

Screen auto-lock settings
- Screen auto lock: Enable

To prevent unintended operations, you can set up automatic locking of the touch-screen panel.

- [Screen auto lock] → [Enable] → SET button

- [Auto-locks after] → choose an option → SET button
Disabling Auto Sensor Cleaning

The image sensor is automatically cleaned to remove dust whenever you turn the camera on or off, or when the camera shuts off in Power Saving mode. You can disable automatic cleaning.

1. Access the menu screen

2. Choose the setting item

   - [3] → [Sensor cleaning] → [Auto cleaning] → [OK] button → [Auto cleaning] → [OK] button

3. Set up the camera

   - [Disable] → [OK] button
Activating Sensor Cleaning

The image sensor is automatically cleaned to remove dust whenever you turn the camera on or off, or when the camera shuts off in Power Saving mode. You can activate cleaning as needed.

1. Access the menu screen

2. Choose the setting item

3. Execute

[Access the menu screen]

[Choose the setting item]

[Execute]
Cleaning the Sensor Manually

Any dust that remains after automatic cleaning can also be removed by using an optional blower or other specialized tool.
The surface of the image sensor is extremely delicate. If the sensor must be cleaned manually, we recommend requesting service from a Customer Support Help Desk.

1. Make sure the camera is off
2. Detach the lens
3. Clean the sensor
Some logos for certification requirements met by the camera can be viewed on the screen. Other certification logos appear in this manual, on the camera packaging, or on the camera body.

1. Access the menu screen

2. Choose the setting item

- [4] → [Certification Logo Display] → button
Setting Copyright Information to Record in Images

To record the author’s name and copyright details in images, set this information beforehand.

1. Access the menu screen
2. Choose the setting item
   - [Access] → [Copyright Info] → button
3. Register
   - [Enter Author’s Name] or [Enter Copyright Details] → button
   - enter a name → button

To record the author's name and copyright details in images, set this information beforehand.
To record the author’s name and copyright details in images, set this information beforehand.

[Yes] → [SET] button
Deleting All Copyright Information

You can delete both the author’s name and copyright details at the same time.

1. Access the menu screen
2. Choose the setting item
   - [4] → [Copyright Info] → button
3. Delete
   - [Delete Copyright Info] → button
   - [OK] → button
Restoring Main Camera Default Settings

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

1. Access the menu screen
2. Choose the setting item
   - [4] → [Reset camera] → [Basic settings] → [OK] → SET button
3. Execute
   - [OK] → SET button
1. Access the menu screen

2. Choose the setting item

- [\[4\] → [Reset camera] → \[\] button
- [Other settings] → \[\] button
- Choose the function to reset → \[\] button
3

Execute

Copyright Info

Delete copyright information

[OK] → SET button
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