

FUJIFILM

DIGITAL CAMERA

X half

X-HF1

FF240003

Owner's Manual

Thank you for your purchase of this product. Be sure that you have read this manual and understood its contents before using the camera. Keep the manual where it will be read by all who use the product.

For the Latest Information

The latest versions of the manuals are available from:

<https://fujifilm-dsc.com/en/manual/>



The website can be accessed not only from your computer but also from smartphones and tablets. It also contains information on the software license.



For information on firmware updates, visit:

<https://fujifilm-x.com/support/download/firmware/cameras/>



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Introduction

Menu List

Camera menu options are listed below.

Shooting Menus

Adjust settings when shooting photos or movies.

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Setup Menus

Adjust basic camera settings.



See page 123 for details.

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The Network/USB Settings Menu

Adjust camera network and USB settings.

 See page 99 for details.

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The Playback Menu

Adjust playback settings.



See page 79 for details.

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 PLAY BACK MENU	
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Supplied Accessories

The following are included with the camera:

- NP-W126S rechargeable battery
- Lens cap (set) (comes attached to camera)
- Metal strap clips (× 2)
- Clip attaching tool
- Protective covers (× 2)
- Protectors (× 2)
- Hand strap
- Cold shoe cover (comes attached to cold shoe)
- Headphone adapter



The battery is not charged at shipment. Charge the battery before use (📖 32).



- The headphone adapter converts the USB Type-C connector to a ø3.5 mm headphone jack.
- For information on compatible computer software, see “Software and Services for Use with Your Camera” (📖 147).

About This Manual

This manual contains instructions for your FUJIFILM X half digital camera. Be sure you have read and understood its contents before proceeding.

Symbols and Conventions

The following symbols are used in this manual:



Information that should be read to prevent damage to the product.



Additional information that may be helpful when using the product.



Pages on which related information may be found.

Menus and other text in the displays are shown in **bold**. Illustrations are for explanatory purposes only; drawings may be simplified, while photographs are not necessarily taken with the model of camera described in this manual.

Terminology

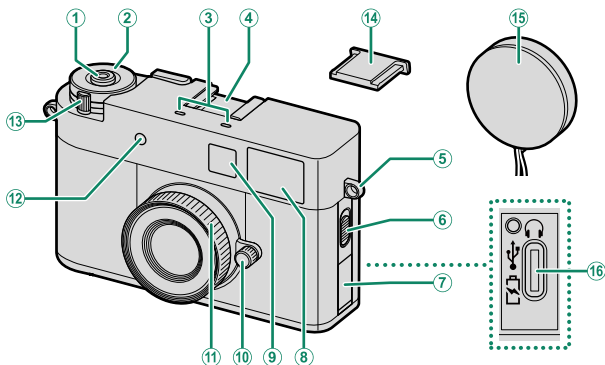
The optional SD, SDHC, and SDXC memory cards the camera uses to store pictures are referred to as “memory cards”. The optical viewfinder may be referred to as the “OVF” and the LCD monitor as the “LCD”. Smartphones and tablets are referred to as “smartphones”.

[illegible]

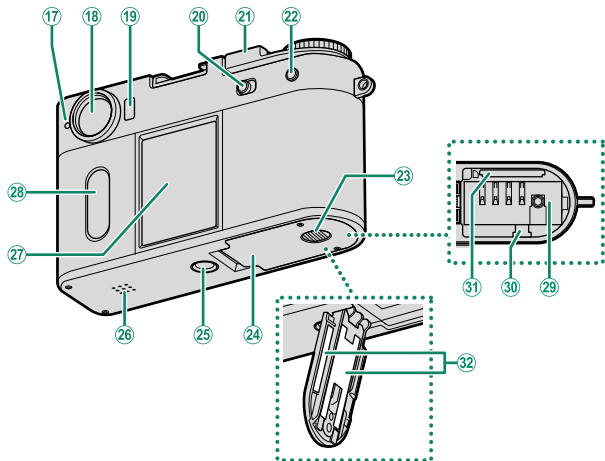
Before You Begin

2

Parts of the Camera



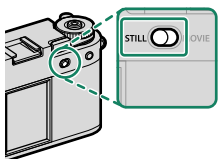
- | | |
|------------------------------------|-----------------------------------|
| ① Shutter button | ⑩ Aperture Ring.....4 |
| ② Exposure compensation dial.....4 | ⑪ Focus Ring.....61, 66 |
| ③ Microphone | ⑫ Self-timer lamp |
| ④ Cold shoe | Tally light |
| ⑤ Strap eyelet.....23 | ⑬ ON/OFF switch 36 |
| ⑥ Flash switch.....6 | ⑭ Cold shoe cover |
| ⑦ Connector cover | ⑮ Lens cap |
| ⑧ Viewfinder window.....6 | ⑯ USB connector (Type-C) 32 |
| ⑨ Flash | |
| Video Light | |
| AF-assist illuminator | |



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20	Eye sensor.....10	29	Secondary LCD monitor
21	STILL/MOVIE mode switch.....4, 44	30	Touch screen.....12
22	Frame Advance Lever.....5	31	Battery chamber.....27
23	PLAY (playback) button.....76	32	Battery latch.....29
24	Battery-chamber cover latch.....27		Memory card slot.....27
25	Battery-chamber cover.....27		Serial number plate.....6
26	Tripod mount		

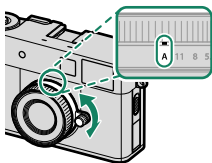
The STILL/MOVIE Mode Switch

Slide the **STILL/MOVIE** mode switch to **STILL** to take photographs or to **MOVIE** to record movies.



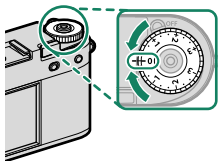
Aperture Ring

In mode **A** or **M**, rotate the aperture ring to adjust aperture (see 48). Rotate the aperture ring to **A** to let the camera automatically adjust aperture.



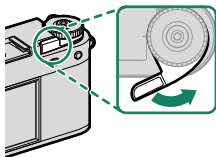
The Exposure Compensation Dial

Rotate the dial to choose an exposure compensation amount.



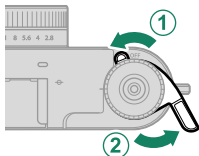
The Frame Advance Lever

You can create a 2-in-1 image that contains two images in one (📖 54).

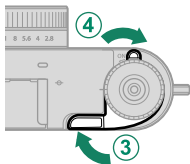


Using the Frame Advance Lever

Turn the **ON/OFF** switch to **ON** (①) and then pull the frame advance lever (②).



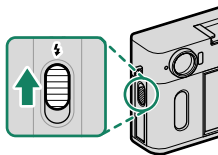
To turn the camera off, turn the **ON/OFF** switch to **OFF** (④) while pushing in the frame advance lever (③).



! Do not forcefully pull or push in the frame advance lever when the **ON/OFF** switch is turned to **OFF**. Doing so may cause a malfunction.

The Flash Switch

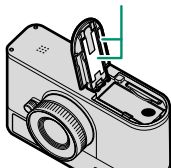
Slide the flash switch to  to fire the flash during still photography. The video light turns on during movie recording.



The Serial Number Plate

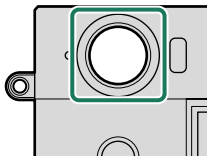
Do not remove the serial number plate, which provides the CMIIT ID, serial number, and other important information.

Serial number plate



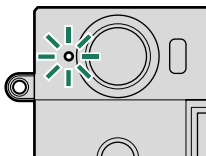
The Viewfinder

Use the viewfinder to frame the picture.



The Indicator Lamp

Camera status is shown by the indicator lamp.



Indicator lamp	Camera status
Glows green	Focus locked.
Blinks green	Focus warning. Pictures can be taken.
Blinks green and orange	• Camera on: Recording pictures. (additional pictures can be taken). • Uploading pictures to a smartphone or tablet.¹
Glows orange	Recording movies. ²
Blinks orange	The shutter button is pressed without pulling the frame advance lever in film camera mode.
Glows blue	2-in-1 shooting in progress.
Blinks red	Lens or memory error.

¹ Displayed only if pictures are selected for upload.

² Displayed only if **CONTINUOUS** is selected for **MOVIE SETTING > TALLY LIGHT**.



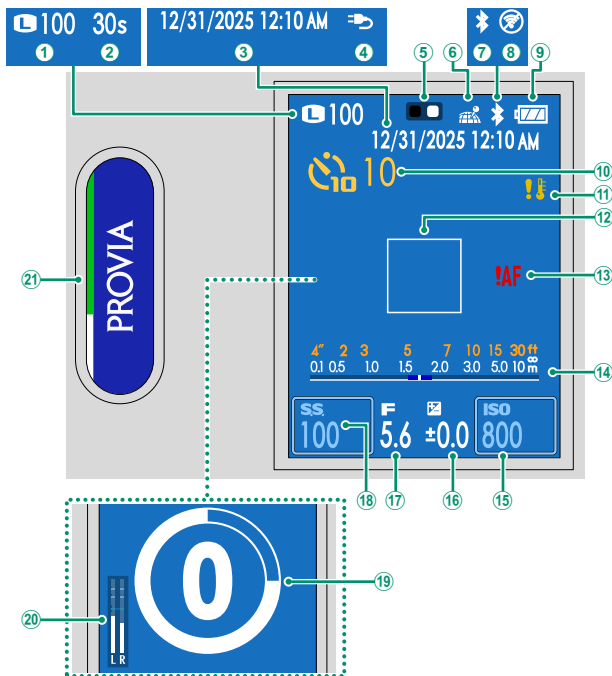
The **MOVIE SETTING > TALLY LIGHT** option can be used to choose whether the indicator lamp blinks or remains steady during movie recording.

Camera Displays

The following are displayed in the LCD monitor and sub LCD monitor during shooting.

 For illustrative purposes, displays are shown with all indicators lit.

The LCD Monitor/The Sub LCD Monitor

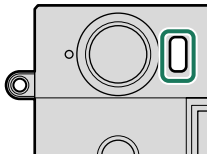


① Image size/ number of available frames * 106, 180	⑪ Temperature warning 29, 179
② Elapsed recording time 46	⑫ Focus frame 64, 71
③ Date and time 38, 41, 125	⑬ Focus warning 7, 175
④ Power supply 34	⑭ Distance indicator 68
⑤ 2in1 guide 54	⑮ Sensitivity 13, 69
⑥ Location data download status 89, 144	⑯ Exposure compensation 4, 70
⑦ Bluetooth ON/OFF	⑰ Aperture 4, 48
⑧ Airplane mode 101	⑱ Shutter speed 13, 48
⑨ Battery level 37	⑲  Self-timer indicator 109
⑩  Self-timer indicator 107	⑳ Recording level 121
	㉑ Film simulation/ filter settings 15, 50

* Shows "9999" if there is space for over 9999 frames.

Eye Sensor

When you bring your eye close to the viewfinder, the eye sensor automatically turns off the LCD. Moving your eye away from the viewfinder turns on the LCD. Use  **SCREEN SET-UP > EYE SENSOR** to turn the eye sensor function on and off.



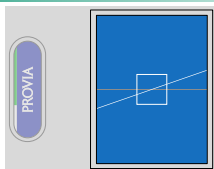
The eye sensor may respond to objects other than your eye or to light shining directly on the sensor.

Adjusting Display Brightness

The display may become difficult to see when used outdoors due to light sources such as sunlight. Adjust the LCD monitor brightness and saturation with **LCD BRIGHTNESS** and **LCD COLOR** in the  **SCREEN SET-UP** menu.

Virtual Horizon

Check whether the camera is level. The display type can be chosen using **SCREEN SET-UP > ELECTRONIC LEVEL SETTING**. Use the virtual horizon to level the camera when mounting it on a tripod or the like.



- **OFF:** The virtual horizon is not displayed.
- **ON:** A white line shows the amount the camera is tilted left or right. The line turns green when the camera is level.

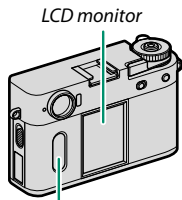
Touch Screen Mode

The LCD monitor and the secondary LCD monitor function as a touch screen for operations such as configuring shooting settings and selecting playback images.



Touching the screen once with your finger is described as a “tap”, and sweeping your finger on the screen in either direction is described as a “swipe”.

- Use the LCD monitor to change shooting settings, select playback images, and select menus.
- Use the secondary LCD monitor to select a film simulation to be used, operate during playback, and set menus.



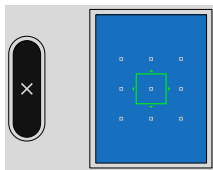
Secondary LCD monitor

Shooting Touch Controls

Use touch operations during shooting to change shooting settings and switch displays.

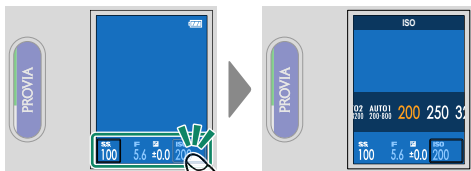
Touch AF

When **AREA** is selected for **AF MODE**, tap the LCD monitor to focus on the selected area.



Changing Shooting Settings

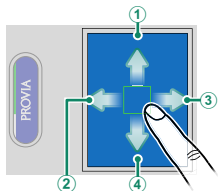
Tap the shutter speed or ISO sensitivity on the LCD monitor to change the respective settings. Items that can be changed are marked with a frame.



The shutter speed can be changed when the shooting mode is set to **S** or **M**.

Switching Shooting Displays

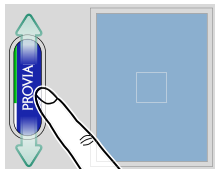
Swipe up, down, left, or right on the LCD monitor in the shooting display to display the menu.



Swiping direction	Description
① Up	Display a list of shooting settings. Tap a setting item to go to the respective setting menu (📖 16).
② Left	Display the shooting menu, setup menu, and network/USB setting menu (📖 20).
③ Right	Display to switch the film simulation and filters.
④ Down	Pair with Bluetooth devices and shoot in film camera mode (📖 90).

Changing FILM SIMULATION/FILTER SETTINGS

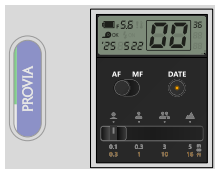
Swipe right on the LCD monitor, select a film simulation or filter, and then swipe up or down on the secondary LCD monitor to change the film simulation or filter setting (📖 50).



- When **ACROS** is selected for the film simulation, you can select a filter on the LCD monitor.
- When **PARTIAL COLOR** is selected for a filter, you can set the color to be retained on the LCD monitor. When **EXPIRED FILM** is selected, you can set the faded color.

Film Camera Mode

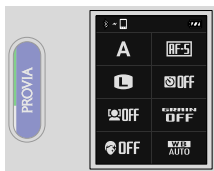
During still photography, swipe down on the LCD monitor and then tap **FILM CAMERA MODE** to switch to the film camera mode, allowing you to enjoy a shooting experience similar to that using a film camera. You can take pictures each time you pull the frame advance lever.



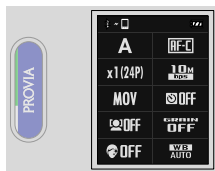
- The menu and playback cannot be displayed during the film camera mode. Take the preset number of pictures or double-tap (tap twice quickly) the secondary LCD monitor to exit the film camera mode.
- Pictures taken in the film camera mode can be played back on the smartphone application.
- Do not remove the memory card in the film camera mode. If you remove the memory card, you may not be able to resume the film camera mode.

Displaying a List of Shooting Settings

Swipe up on the LCD monitor in the shooting display to display a list of shooting settings. Tap a setting item to go to the respective setting menu. The items to be displayed vary for still photography and movie recording.



Still Photography



Movie Recording

The following items are displayed.

Still Photography

- EXPOSURE MODE
- IMAGE SIZE
- FACE/EYE DETECTION SETTING
- PORTRAIT ENHANCER LV
- FOCUS MODE
- SELF-TIMER
- GRAIN EFFECT
- WHITE BALANCE

Movie Recording

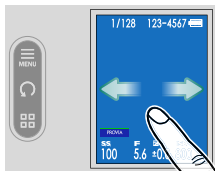
- EXPOSURE MODE
- SLOW-MOTION MOVIE
- FILE FORMAT
- FACE/EYE DETECTION SETTING
- PORTRAIT ENHANCER LV
- FOCUS MODE
- BIT RATE
- SELF-TIMER
- GRAIN EFFECT
- WHITE BALANCE

Playback Touch Controls

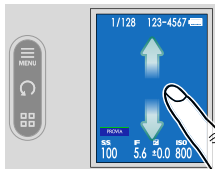
During playback, use touch operations to select pictures to be played back and to zoom in or zoom out the pictures.

Viewing Pictures or Movies

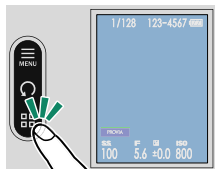
During viewing pictures or movies, swipe left or right on the LCD monitor to view the previous or next pictures or movies (📖 76).



Swipe up or down on the LCD monitor to show or hide the indicators.



Tap the button on the secondary LCD monitor to display the playback menu, rotate pictures, or switch displays.

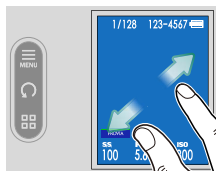


Button	Description
 Playback menu	Display the playback menu (📖 79).
 Rotate	Rotate pictures 90 degrees counterclockwise.
  Single-frame/nine-frame playback	Change the number of pictures to be displayed on the screen. During the nine-frame playback, swipe up or down on the LCD monitor to scroll.

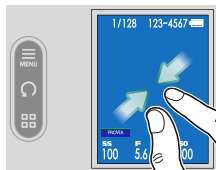
Zooming in and Zooming out Pictures

Place two fingers on the LCD monitor while a picture is displayed during the single-frame playback to zoom in or zoom out the picture.

Pinch-out (spread two fingers apart) on the LCD monitor while a picture is played back to zoom in the picture.



Pinch-in (slide two fingers together) to zoom out the picture.



- The picture cannot be displayed smaller than the original view.
- When a picture is zoomed in, drag (move your finger across the screen without lifting it) to change the position to be zoomed in.
- Double-tap (tap twice quickly) the LCD monitor to zoom in the tapped area at a certain magnification or to return to 100%.

Menu Touch Controls

Select the setting you want to display on the secondary LCD monitor (①), and tap a setting item on the LCD monitor (②).



Tap the setting options on the LCD monitor to change the setting. Press the shutter button halfway to return to the shooting display. Tap **×** on the secondary LCD monitor to return to the previous display.

3

First Steps

Installing Smartphone Apps

To use all the functions of this camera, you will need a smartphone with dedicated apps installed. We recommend that you visit the following website and install the desired apps on your phone in advance.

https://fujifilm-dsc.com/app/x_half_app/



The apps available vary with the smartphone operating system.

Attaching the Strap

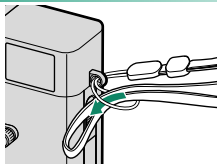
Attach the supplied hand strap to the camera. You can also attach a third-party shoulder strap instead of the hand strap.



Remove the lens cap strap from the camera and then attach the strap clips and hand strap. It is recommended to tie the lens cap strap to the strap clips or hand strap after attaching them.

Attaching the Hand Strap

Attach the supplied hand strap to the strap eyelet.

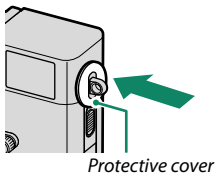


Attaching the Shoulder Strap

When attaching a third-party shoulder strap, attach the strap to the camera after attaching the strap clip to the camera.

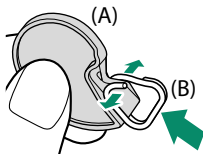
1 Attach a protective cover.

Place a protective cover over the eyelet as shown, with the gray side of the cover toward the camera.



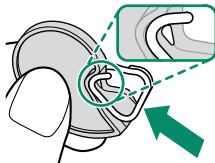
2 Open a strap clip.

Use the clip attaching tool (A) to open a strap clip (B).



3 Slide the clip onto the tool.

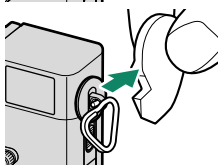
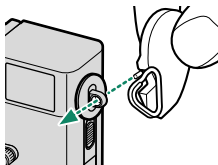
Slide the clip onto the tool so that it hooks over the projection.



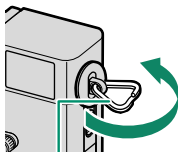
- 4 Place the strap clip on an eyelet.**
Hook the strap eyelet in the clip opening. Remove the tool, using the other hand to keep the clip in place.



Keep the tool in a safe place, as you will need it to open the strap clips when removing the strap.

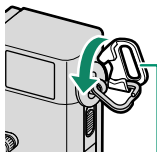


- 5 Pass the clip through the eyelet.**
Rotate the clip fully through the eyelet until it clicks closed.



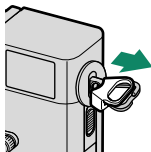
Strap clip

- 6 Attach the protector.**
Hook one claw of the protector onto the strap clip, and cover it over the strap clip as shown in the figure.

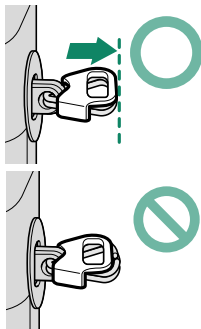


Protector

- 7 Pull the protector in the direction of the arrow.**



Make sure that the ends of the protector and the strap clip are aligned as shown in the figure.



- 8 Attach the strap through the strap clip.**



To avoid dropping the camera, be sure the strap is correctly secured.

Repeat the above steps for the second eyelet.

Inserting the Battery and a Memory Card

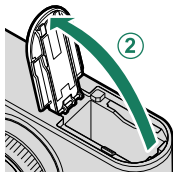
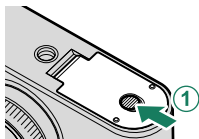
Insert the battery and memory card as described below.

1 Open the battery-chamber cover.

Slide the battery-chamber cover latch as shown and open the battery-chamber cover.



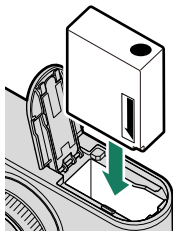
- Do not open the battery-chamber cover when the camera is on. Failure to observe this precaution could damage image files or memory cards.
- Do not use excessive force when handling the battery-chamber cover.



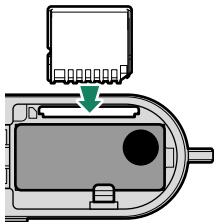
2 Insert the battery as shown.



- Insert the battery in the orientation shown. *Do not use force or attempt to insert the battery upside down or backwards.*
- Confirm that the battery is securely latched.

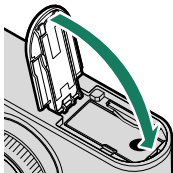


3 Insert the memory card.



4 Close the battery-chamber cover and slide the battery-chamber latch closed.

 If the cover does not close, check that the battery is in the correct orientation. Do not attempt to force the cover shut.



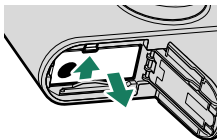
Removing the Battery

Before removing the battery, *turn the camera off* and open the battery-chamber cover.

To remove the battery, press the battery latch to the side, and slide the battery out of the camera as shown.



The battery may become hot when used in high-temperature environments. Observe caution when removing the battery.

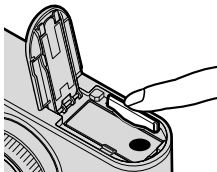


Removing Memory Cards

To remove the memory card, press it in and release it slowly. The card can then be removed by hand.



- Press the center of the card.
- Suddenly removing your finger from the card could cause the card to fall from the slot. Remove your finger slowly.
- If the camera displays a  icon, the memory card may be hot to the touch. Wait for the card to cool before removing it.



Compatible Memory Cards

- The camera can be used with SD, SDHC, and SDXC memory cards.
- The camera supports UHS-I memory cards.
- To record movies, use cards with a UHS speed class of 3 or better or a video speed class of V30 or better.
- A list of supported memory cards is available on the Fujifilm website. For details, visit:
<https://fujifilm-x.com/support/compatibility/cameras/>.



- *Do not turn the camera off or remove the memory card while the memory card is being formatted or data are being recorded to or deleted from the card.* Failure to observe this precaution could damage the card.
- Memory cards can be locked, making it impossible to format the card or to record or delete images. Before inserting a memory card, slide the write-protect switch to the unlocked position.
- Memory cards are small and can be swallowed; keep out of reach of children. If a child swallows a memory card, seek medical assistance immediately.
- miniSD or microSD adapters that are larger or smaller than memory cards may not eject normally; if the card does not eject, take the camera to an authorized service representative. Do not forcibly remove the card.
- Do not affix labels or other objects to memory cards. Peeling labels can cause camera malfunction.
- Movie recording may be interrupted with some types of memory card.
- Formatting a memory card in the camera creates a folder in which pictures are stored when a picture is taken for the first time. Do not rename or delete this folder or use a computer or other device to edit, delete, or rename image files. Always use the camera to delete pictures; before editing or renaming files, copy them to a computer and edit or rename the copies, not the originals. Renaming the files can cause problems during playback on the camera.



Charging the Battery

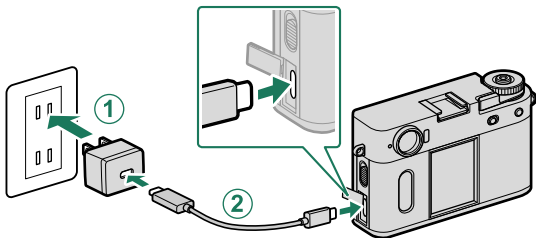
The battery is not charged at shipment. Charge the battery before use.



- An NP-W126S rechargeable battery is supplied with the camera.
- This product does not include an AC adapter or USB cable. Use a USB-IF certified AC adapter or USB-C to USB-C cable when charging with the camera.
- The battery takes about 135 minutes to charge with a recommended AC adapter of 7.5 W or more (📖 158).

Charge the battery.

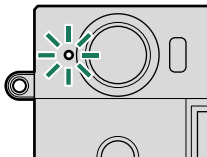
Plug the AC adapter into an indoor power outlet (①), then connect the camera to the AC adapter using the USB cable (②).



- Connect the cable to the camera's USB connector (Type-C).
- Be sure the connectors are fully inserted.

Charge Status

The indicator lamp shows battery charge status as follows:



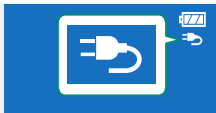
Indicator lamp	Battery status
On	Battery charging
Off	Charging complete
Blinks	Charging error



- Do not affix labels or other objects to the battery. Failure to observe this precaution could make it impossible to remove the battery from the camera.
- Do not short the battery terminals. The battery could overheat.
- Read the cautions in "The Battery and Power Supply".
- Use only genuine Fujifilm rechargeable batteries designated for use in this camera. Failure to observe this precaution could result in product malfunction.
- Do not remove the labels from the battery or attempt to split or peel the outer casing.
- The battery gradually loses its charge when not in use. Charge the battery one or two days before use.
- If the battery fails to hold a charge, it has reached the end of its charging life and must be replaced.
- Remove dirt from the battery terminals with a clean, dry cloth. Failure to observe this precaution could prevent the battery from charging.
- Note that charging times increase at low or high temperatures.
- Selecting **ON** for **Bluetooth/SMARTPHONE SETTING > Bluetooth ON/OFF** in the network/USB settings menu increases the drain on the battery.

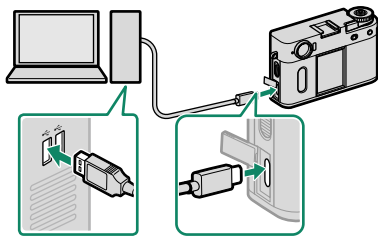


- If the camera is turned on during charging, charging will end and the USB connection will instead be used to power the camera. The battery level will begin to gradually decline (102).
- The camera will display a "power supply" icon when powered via USB.



Charging via Computer

The camera can be charged via USB. USB charging is available with computers with a manufacturer-approved operating system and USB interface.



USB connector (Type-C)

Leave the computer on during charging.

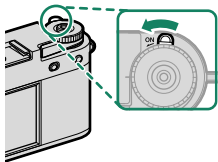


- The battery will not charge while the camera is on.
- Connect a third-party USB cable.
- Connect the camera directly to the computer; do not use a USB hub or keyboard.
- Charging stops if the computer enters sleep mode. To resume charging, activate the computer and disconnect and reconnect the USB cable.
- Charging may not be supported depending on the model of computer, computer settings, and the computer's current state.
- The battery takes about 350 minutes to charge with a charging input of 5 V/500 mA.

Turning the Camera On and Off

Use the **ON/OFF** switch to turn the camera on and off.

Slide the switch to **ON** to turn the camera on, or to **OFF** to turn the camera off.



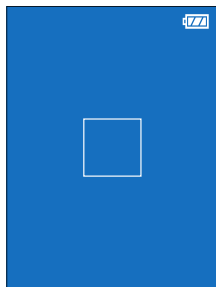
 Fingerprints and other marks on the lens or viewfinder can affect pictures or the view through the viewfinder. Keep the lens and viewfinder clean.

- 
- Pressing the **PLAY** button during shooting starts playback.
 - Press the shutter button halfway to return to shooting mode.
 - The camera will turn off automatically if no operations are performed for the length of time selected for **POWER MANAGEMENT > AUTO POWER OFF**. To reactivate the camera after it has turned off automatically, press the shutter button all the way down or turn the **ON/OFF** switch to **OFF** and then back to **ON**.

Checking the Battery Level

After turning the camera on, check the battery level in the display.

Battery level is shown as follows:



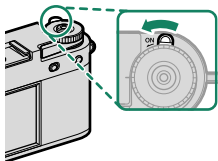
Indicator	Description
	Battery partially discharged.
	Battery about $\frac{2}{3}$ full.
	Battery about $\frac{1}{3}$ full.
 (red)	Low battery. Charge as soon as possible.
 (blinks red)	Battery exhausted. Turn camera off and recharge battery.

Basic Setup

When you turn the camera on for the first time, you can choose a language and set the camera clock. Follow the steps below when turning the camera on for the first time.

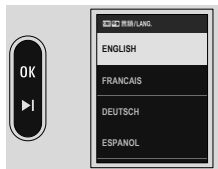
1 Turn the camera on.

A language-selection dialog will be displayed.



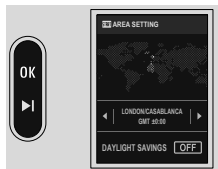
2 Choose a language.

Highlight a language and tap **OK**.



3 Choose a time zone.

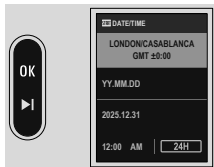
Choose a time zone and turn daylight savings time on or off and then tap **OK**.



To skip this step, tap **▶**.

4 Set the clock.

Set the clock and tap **OK** to proceed to the next step.



5 View information on the smartphone app.

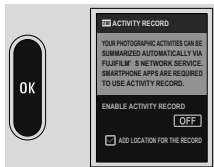
- The camera will display a QR code you can scan with your smartphone to open a website where you can download the smartphone app.
- Tap **OK** to proceed to the next step.



Use the smartphone app to download pictures from the camera remotely (89).

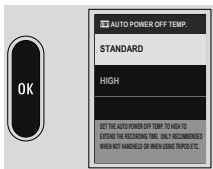
6 Set the ACTIVITY RECORD.

- Select **ON** to record your shooting activities.
- The location information during shooting can also be recorded.
- Tap **OK** to proceed to the next step.



7 Choose an AUTO POWER OFF TEMP.

- The selected setting determines the temperature at which the camera will turn off automatically.
- Tap **OK** to proceed to the next step.



8 View explanation on the camera operation.

Tap **OK** until the shooting display appears.

9 Format the memory card (📖 124).



Format memory cards before first use, and be sure to reformat all memory cards after using them in a computer or other device.



If the battery is removed for an extended period, the camera clock will be reset and the language-selection dialog will be displayed when the camera is turned on.

Choosing a Different Language

To change the language:

- 1 **Display language options.**
Select  **USER SETTING** >  **言語/LANG..**
- 2 **Choose a language.**
Select the desired option.

Changing the Time and Date

To set the camera clock:

- 1 **Display DATE/TIME options.**
Select  **USER SETTING** > **DATE/TIME.**
- 2 **Set the clock.**
Set the order of display (year, month, day), the date, and time, respectively.

MEMO[illegible]

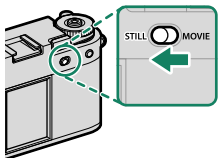
4

Taking Photographs

Taking Photographs

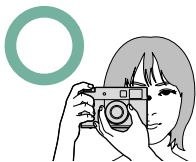
This section explains basic photography.

- 1 Select **STILL** for the **STILL/MOVIE** mode switch.

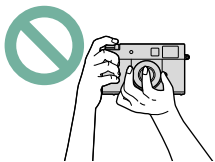


- 2 Ready the camera.

Hold the camera steady with both hands—shaking or unsteady hands can blur your shots.



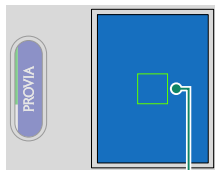
To prevent pictures that are out of focus or too dark (underexposed), keep your fingers and other objects away from the lens and AF-assist illuminator.



- 3 Frame the picture.

4 Focus.

Press the shutter button halfway to focus.



Focus frame

- If the camera is able to focus, the focus frame will glow green.
- If the camera is unable to focus, the focus frame will glow red, **!AF** will be displayed.



- If the subject is poorly lit, the AF-assist illuminator may light to assist the focus operation.
- Focus and exposure will lock when the shutter button is pressed halfway. Focus and exposure remain locked while the button is kept in this position (AF/AE lock).
- The camera will focus on subjects at any distance in the focus range.
- The screw hole of the shutter-release button can be used to attach accessories such as a release button, but it does not support a mechanical shutter-release.

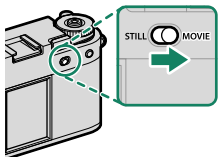
5 Shoot.

Smoothly press the shutter button the rest of the way down to take the picture.

Recording Movies

This section explains basic movie recording.

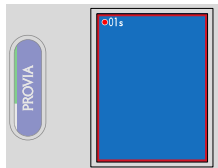
- 1 Slide the **STILL/MOVIE** mode switch to **MOVIE**.



- 2 Press the shutter button all the way down.

Recording will start.

- The borders of the display turn red during movie recording, green during recording slow-motion movies.
- The display counts up to show the recording time.



- 3 Press the button again to end recording. Recording ends automatically when the maximum length is reached or the memory card is full.



- Sound is recorded via the built-in microphone or an optional external microphone. Do not cover the microphone during recording.
- Note that the microphone may pick up lens noise and other sounds made by the camera during recording.
- Vertical or horizontal streaks may appear in movies containing very bright subjects. This is normal and does not indicate a malfunction.



- To maximize recording time:
 - keep the camera out of direct sunlight as much as possible, and
 - turn the camera off any time it is not in use.
- The indicator lamp on the back lights while recording is in progress. The **MOVIE SETTING > TALLY LIGHT** option can be used to choose whether the lamp blinks or remains steady. During recording, you can change exposure compensation by up to ± 2 EV.
- To prevent the borders of the display changing color during movie recording, select **OFF** for **MOVIE SETTING > REC FRAME INDICATOR**.
- While recording is in progress, you can:
 - Adjust sensitivity
 - Change the shutter speed
- Recording may be unavailable at some settings, while in other cases settings may not apply during recording.
- Movie settings can be adjusted using the **MOVIE SETTING** (p. 108).
- To display the microphone level, select **ON** for **SCREEN SET-UP > MIC LEVEL DISPLAY** in the setup menu.

Temperature Warnings

The camera automatically turns off to protect itself when its temperature or the temperature of the battery rises. If a temperature warning is displayed, image noise may increase. Turn the camera off and wait for it to cool before turning it on again.

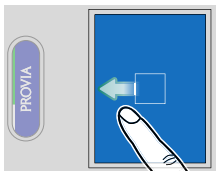
Depth of Field

To soften backgrounds, set aperture as wide as possible. Aperture can be adjusted manually at settings other than **A**.

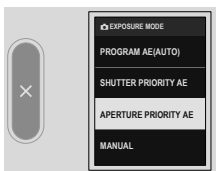
Choosing a Shooting Mode

Select a shooting mode to let the camera automatically set the shutter speed and aperture value, or the photographer can set them intentionally.

- 1 Swipe left on the LCD monitor in the shooting display.
The menu is displayed.



- 2 Use **SHOOTING SETTING** > **EXPOSURE MODE** or **MOVIE SETTING** > **EXPOSURE MODE** to select a shooting mode.
Press the shutter button halfway to return to the shooting display.



The following shooting modes can be chosen.

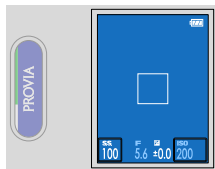
Mode	Description
P PROGRAM AE(AUTO)	The camera automatically sets the shutter speed and aperture value.
S SHUTTER PRIORITY AE	The camera automatically sets the aperture value according to the preset shutter speed.
A APERTURE PRIORITY AE	The camera automatically sets the shutter speed according to the preset aperture value.
M MANUAL	Both the shutter speed and the aperture value can be set.



When the aperture ring is rotated to **A**, the aperture value is automatically set regardless of the shooting mode.

3 Take pictures.

- To set the shutter speed, tap the shutter speed on the LCD monitor (📖 13).
- Use the aperture ring to set the aperture value.



When the shooting mode is other than **M** and the image to be taken is not at the appropriate brightness, the shutter speed and aperture value are displayed in red according to the shooting mode.

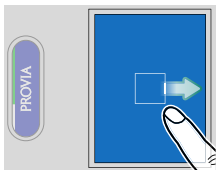


- When the shooting mode is **S** and the shutter speeds is set to 1 second or slower, a count-down timer will be displayed while the exposure is in progress. Press the **PLAY** button to stop shooting before the picture is taken.
- To reduce “noise” (mottling) in long time-exposures, select **ON** for **📷 IMAGE QUALITY SETTING > LONG EXPOSURE NR**. Note that this may increase the time needed to record images after shooting.
- The picture will go out of focus if the camera is moved during a long time-exposure; use of a tripod is recommended.

Film Simulations and Filters

Images that reproduce film or add filter effects can be taken.

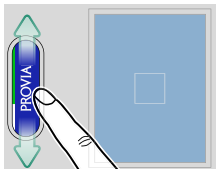
- 1 Swipe right on the LCD monitor in the shooting display. The menu is displayed.



- 2 Tap **FILM SIMULATION** or **FILTER**. Return to the shooting display.



- 3 Select the desired film simulation or filter on the secondary LCD monitor.



FILM SIMULATION

Simulate the effects of different kinds of film, including black-and-white (with or without color filters). Choose a palette according to your subject and creative intent.

Option	Description
 PROVIA/STANDARD	Ideal for a wide range of subjects.
 Velvia/VIVID	Vibrant reproduction, ideal for landscape and nature.
 ASTIA/SOFT	Softer color and contrast for a more subdued look.
 CLASSIC CHROME	Soft color and enhanced shadow contrast for a calm look.
 REALA ACE	Faithful color reproduction with hard tonality suitable for various scenes.
 CLASSIC Neg.	Enhanced color with hard tonality to increase image depth.
 NOSTALGIC Neg.	Amber tinted highlights and rich shadow tone for printed photo look.
 ETERNA/CINEMA	Soft color and rich shadow tone suitable for film look movie.

Option	Description
 ACROS	Shoot in Black and White In rich details with sharpness. Available with yellow (Ye), red (R), and green (G) filters, which deepen shades of gray corresponding to hues complementary to the selected color. •  ACROS+Ye FILTER: Slightly enhances contrast and darkens skies. •  ACROS+R FILTER: Enhances contrast and darkens skies considerably. •  ACROS+G FILTER: Produces pleasing skin tones in portrait.
 SEPIA	Shoots in sepia tone.



For more information, visit:

<https://fujifilm-x.com/products/film-simulation/>

FILTER

Take photos with filter effects.

-  LIGHT LEAK
-  HALATION*
-  EXPIRED FILM
-  TOY CAMERA
-  MINIATURE*
-  POP COLOR
-  HI-KEY
-  LOW-KEY
-  DYNAMIC TONE*
-  SOFT FOCUS*
-  PARTIAL COLOR (RED)
-  PARTIAL COLOR (ORANGE)
-  PARTIAL COLOR (YELLOW)
-  PARTIAL COLOR (GREEN)
-  PARTIAL COLOR (BLUE)
-  PARTIAL COLOR (PURPLE)
-  CANVAS
-  RETRO
-  VIGNETTE
-  BLUR*
-  FISH EYE
-  COLOR SHIFT*
-  MIRROR*
-  DOUBLE EX.*

* Only during still photography



Depending on the subject and camera settings, images may in some cases be grainy or vary in brightness or hue.

2-in-1 Shooting

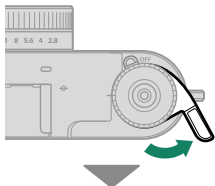
Create a 2-in-1 image or movie that contains two images or movies in one.

1 Shoot the first still image or movie.

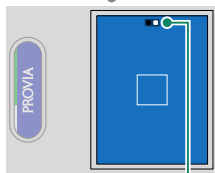


- Push in the frame advance lever after shooting to check the pictures.
- Instead of shooting a still image or movie, you can use a still image or movie displayed during playback.
- 2-in-1 shooting is not available using images or movies taken with other cameras or stored on a computer.

2 Pull the frame advance lever.



The 2-in-1 guide appears on the screen and the indicator lamp lights.



2-in-1 guide

3 Shoot the second still image or movie.

4 The 2-in-1 image is saved.

The still images or movies you shot are also saved separately.



- When combining two still images, the size of the second image will be the same as that of the first image.
- When combining a still image and a movie, the image size of the 2-in-1 image will be 1440 x 1080.
- When combining two movies, the slow-motion movie setting and bit rate of the second movie will be the same as those of the first movie. Also, the recording time will be the same as the recording time of the first movie. Recording continues until the recording time elapses.

Film Camera Mode

Enjoy a shooting experience similar to using a film camera. After taking all the preset number of pictures, the series of pictures taken are saved as a single film roll on the memory card.

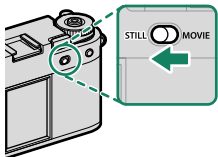


A smartphone app is required to play back pictures stored in the film roll.

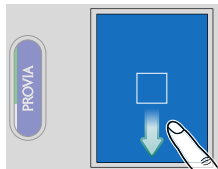
Shooting with the Film Camera Mode

After setting up for shooting, shoot with the film camera mode.

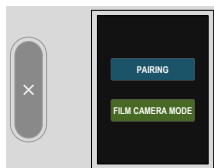
- 1 Select **STILL** for the **STILL/MOVIE** mode switch.



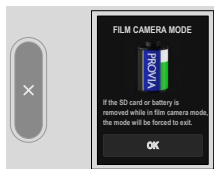
- 2 Select the desired film simulation or filter for the film camera mode (50).
- 3 Swipe down on the LCD monitor in the shooting display.



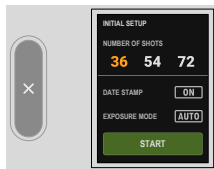
4 Tap **FILM CAMERA MODE**.



5 A shooting precaution is displayed. Tap **OK** to proceed to the next screen.

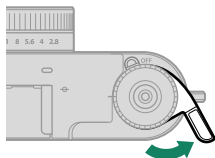


6 Set the number of pictures in a film roll, date stamp, and shooting mode. Tap **START** after settings are completed. When using the film camera mode for the first time, an introduction screen for the function will be displayed. Tap **OK** to proceed to the next screen.



7 Press the shutter button to take the first picture.

- 8** Pull the frame advance lever.
The lever status icon lights, and you are ready to take the next picture (📖 60).



- 9** Press the shutter button to take the next picture.



If the shutter button is pressed without pulling the frame advance lever, the lever status icon and indicator lamp will blink, preventing you from taking a picture. Pull the frame advance lever before taking the picture again.

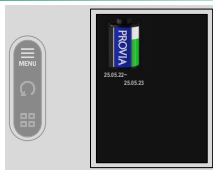
- 10** Repeat steps 8 and 9 to take the pictures.
The film camera mode ends after taking the preset number of pictures. The pictures are saved as a film roll on the memory card.



- Double-tap the secondary LCD monitor during the film camera mode to exit the film camera mode. Once exited, shooting cannot be resumed with the previously used film roll.
- **AF MODE** will be automatically changed to **SINGLE POINT**.
- The camera will not switch to the film camera mode in the following situations.
 - When **MOVIE** is selected for the **STILL/MOVIE** mode switch
 - When no memory card is inserted in the camera
 - When there is not enough free space on the memory card
 - When **DOUBLE EX.** is selected for the filter

Checking the Film Roll

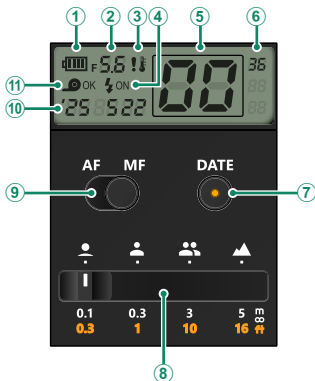
Tap on the secondary LCD monitor after pressing in the playback menu to check the type of film rolls saved on the memory card.



You can delete or protect the film roll in the playback menu.

The Display for the Film Camera Mode

The following screen is displayed on the LCD monitor in the film camera mode.



Option	Description
① Battery level	Display the remaining battery level of the camera.
② Aperture value	Display the aperture value.
③ Temperature warning	The icon appears when the camera temperature rises.
④ Flash	Display whether the flash fires.
⑤ Number of pictures	Display the number of pictures taken.
⑥ Number of pictures in the film roll	Display the preset number of pictures in the film roll.
⑦ Date Stamp Switch Button	Tap to turn on the lamp, recording the date at the bottom right of the picture.

Option	Description
⑧ Approximate Manual Focus Distance Indicator	Change the focus distance in manual focus shooting.
⑨ AF/MF Switch	Switch between autofocus and manual focus.
⑩ Date	Display the date.
⑪ Lever status	Display whether the frame advance lever is pulled. When OK is displayed, press the shutter button to take a picture.

Manual Focus Shooting

Rotate the focus ring to change the focus distance.

Approximate Manual Focus Distance Indicator

Tap Approximate Manual Focus Distance Indicator to change the approximate focus distance in four levels.



The approximate focus distances are as follows.

Icon	Description
Flowers (closest)	The distance for shooting flowers or people's faces.
Portrait	The distance for portrait photography.
Multiple people	The distance for shooting multiple people.
Landscape (infinite)	The distance for shooting landscapes or distant subjects.

Autofocus

Take pictures using autofocus.

- 1 Swipe left on the LCD monitor and then select  **AF/MF SETTING** on the secondary LCD monitor.
- 2 Select **FOCUS MODE** and then select **SINGLE AF** or **CONTINUOUS AF** ( 63).
- 3 Select **AF MODE** ( 64).
- 4 Take pictures.

Focus Mode

Choose how the camera focuses.

Setting the Focus Mode

- 1 Swipe left on the LCD monitor and then select  **AF/MF SETTING** on the secondary LCD monitor.
- 2 Select **FOCUS MODE** on the LCD monitor.
- 3 Choose from the following options:

Focus Mode Options

Mode	Description
 MANUAL FOCUS	Focus manually using the lens focus ring. Choose for manual control of focus or in situations in which the camera is unable to focus using autofocus (see 66).
 CONTINUOUS AF	Focus is continually adjusted to reflect changes in the distance to the subject. Use for subjects that are in motion.
 SINGLE AF	Focus locks while the shutter button is pressed halfway. Choose for stationary subjects.

Autofocus Options (AF Mode)

Change the focus area settings.

Setting the AF Mode

- 1 Swipe left on the LCD monitor and then select  **AF/MF SETTING** on the secondary LCD monitor.
- 2 Select **AF MODE** on the LCD monitor.
- 3 Choose an AF mode.

AF Mode Options

Still Photography

Mode	Description
SINGLE POINT	Focus on the center of the screen.
AREA	Focus on one selected focus area among the nine focus areas. Tap on the LCD monitor to select a focus area ( 12).

Movie Recording

Mode	Description
MULTI	The camera automatically selects the area to focus on.
AREA	Focus on one selected focus area among the nine focus areas. Tap on the LCD monitor to select a focus area ( 12).

Autofocus

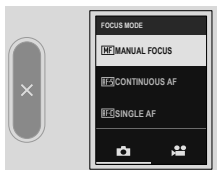
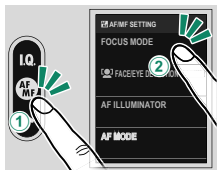
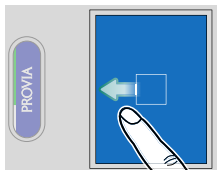
Although the camera boasts a high-precision autofocus system, it may be unable to focus on the subjects listed below.

- Very shiny subjects such as mirrors or car bodies.
- Subjects photographed through a window or other reflective object.
- Dark subjects and subjects that absorb rather than reflect light, such as hair or fur.
- Insubstantial subjects, such as smoke or flame.
- Subjects that show little contrast with the background.
- Subjects positioned in front of or behind a high-contrast object that is also in the focus frame (for example, a subject photographed against a backdrop of highly contrasting elements).

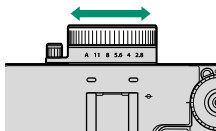
Manual Focus

Adjust focus manually.

- 1 Swipe left on the LCD monitor.
The menu appears.
- 2 Tap **AF/MF SETTING** on the secondary LCD monitor (①) and tap **FOCUS MODE** (②).
- 3 Tap **MANUAL FOCUS**.



- 4 Focus manually using the lens focus ring. Rotate the ring left to reduce the focus distance, right to increase.



- 5 Take pictures.



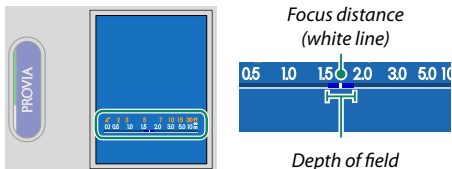
Use **■ BUTTON/DIAL SETTING > FOCUS RING OPERATION** to reverse the direction of rotation of the focus ring.

Checking Focus

A variety of options are available for checking focus in manual focus mode.

The Manual Focus Indicator

Rotate the focus ring to display the distance indicator. The white line indicates the distance to the subject in the focus area, the blue bar the depth of field, or in other words the distance in front of and behind the subject that appears to be in focus.



MF Assist

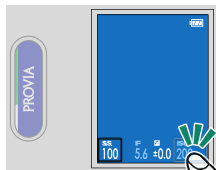
Highlights high-contrast outlines. Rotate the focus ring until the subject is highlighted. Use **AF/MF SETTING > MF ASSIST** to choose the color for highlighting.



Sensitivity

Adjust the camera's sensitivity to light.

Tap ISO sensitivity on the screen to set the ISO sensitivity. You can select an ISO sensitivity from 200 to 12800 or Auto.



Select Auto to automatically adjust the ISO sensitivity according to the brightness of the subject. The range of ISO sensitivity to be set is as follows.

Still Photography

Option	The range of ISO sensitivity to be set
AUTO1	200–800
AUTO2	200–3200
AUTO3	200–12800

Movie Recording

Option	The range of ISO sensitivity to be set
AUTO	200–12800



Sensitivity is not reset when the camera is turned off.

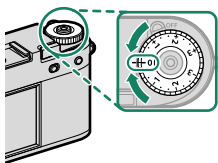
Adjusting Sensitivity

High values can be used to reduce blur when lighting is poor, while lower values allow slower shutter speeds or wider apertures in bright light; note, however, that mottling may appear in pictures taken at high sensitivities.

Exposure Compensation

Adjust exposure.

Rotate the exposure compensation dial.

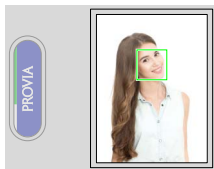


- The amount of compensation available varies with the shooting mode.
- Exposure compensation can be previewed in the shooting display.

Focus/Exposure Lock

In **SINGLE AF** or **MANUAL FOCUS** mode, focus and exposure lock when the shutter button is pressed halfway.

- 1 Position the subject in the focus frame and press the shutter button halfway to lock focus and exposure. Focus and exposure will remain locked while the shutter button is pressed halfway (AF/AE lock).
- 2 Press the button all the way down.



MEMO[illegible]

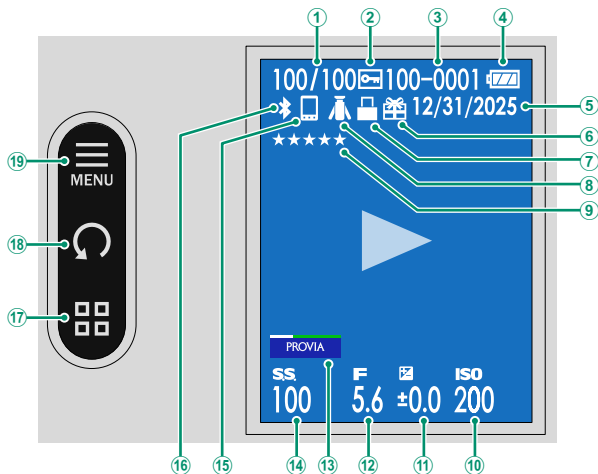
Playback and the Playback Menu

5

The Playback Display

This section lists the indicators that may be displayed during playback.

 For illustrative purposes, displays are shown with all indicators lit.



①	Frame-number display	⑪	Exposure compensation.....	70
②	Protected image.....	⑫	Aperture.....	4, 48
③	Frame number.....	⑬	Film simulation/ filter settings.....	15, 50
④	Battery level.....	⑭	Shutter speed.....	13, 48
⑤	Date and time.....	⑮	Bluetooth host (smartphone/tablet).....	89
⑥	Gift image.....	⑯	Bluetooth ON/OFF	
⑦	Bluetooth host (instax printer).....	⑰	Single-frame/nine-frame playback.....	17
⑧	Bluetooth host (tripod grip)	⑱	Image rotation	17
⑨	Rating.....	⑲	Playback menu.....	17, 79
⑩	Sensitivity.....			69

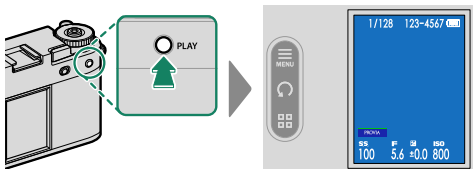
Viewing and Deleting Pictures

Press the **PLAY** button to play pictures and movies. You can also select and delete them.

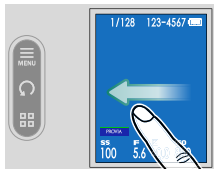
Viewing Pictures

Pictures can be viewed in the viewfinder or LCD monitor.

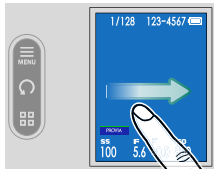
To view pictures full frame, press **PLAY**.



- Swipe left on the screen to view the previous picture.



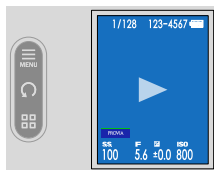
- Swipe right to view the next picture.



 Pictures taken using other cameras are marked with a  ("gift image") icon to warn that they may not display correctly and that playback zoom may not be available.

Viewing Movies

When a movie is displayed, tap the screen to play the movie. Tap again to pause it.



Tap a button on the secondary LCD monitor while a movie is playing or paused to operate it.

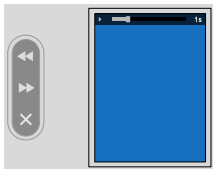
Playback in progress

Button	Description
 Advance	Tap to advance or rewind. Tap repeatedly to change the speed in three levels.
 Rewind	
 Return	End playback.

Playback paused

Button	Description
 Single-frame advance	Tap to advance or rewind a frame at a time.
 Single-frame rewind	
 Return	End playback.

Progress is shown in the display during playback.



Do not cover the speaker during playback.



- Volume can also be adjusted using **SOUND SET-UP > PLAYBACK VOLUME**.
- To listen to audio with headphones, you will need to convert the USB connector to an audio jack using the supplied headphone adapter.

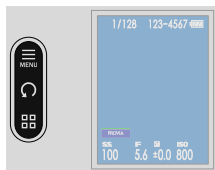
Deleting Pictures

Pictures can be deleted from the playback menu (📖 79).

The Playback Menu

Adjust playback settings.

Tap the playback menu icon on the secondary LCD monitor during playback.



ERASE

Delete individual pictures, multiple selected pictures, or all pictures.



Deleted pictures cannot be recovered. Protect important pictures or copy them to a computer or other storage device before proceeding.

Option	Description
FRAME	Delete pictures one at a time.
SELECTED FRAMES	Delete multiple selected pictures.
ALL FRAMES	Delete all unprotected pictures.

FRAME

- 1 Select **FRAME** for **ERASE** in the playback menu.
- 2 Swipe left or right on the screen to scroll through pictures and tap **OK** to delete.



- Pictures are deleted the moment you tap **OK**; be careful not to delete pictures accidentally.
- Repeat as necessary to delete additional pictures. Display the picture to be deleted and tap **OK**.

SELECTED FRAMES

- 1 Select **SELECTED FRAMES** for **ERASE** in the playback menu.
- 2 Tap the picture to be deleted to select.
 - Selected pictures are indicated by check marks (✓).
 - Tap again to deselect.
- 3 Select multiple pictures to be deleted at once and then tap . A confirmation dialog will be displayed.
- 4 Tap **OK** to delete multiple pictures.

ALL FRAMES

- 1 Select **ALL FRAMES** for **ERASE** in the playback menu.
- 2 Tap **OK** to delete all the pictures.

PROTECT

Protect pictures from accidental deletion.

- 1 Select **PROTECT** in the playback menu.
- 2 Select the protection method.

Option	Description
FRAME	Unprotected images will be protected, and protected images will be unprotected.
SET ALL	Protect all pictures.
RESET ALL	Remove protection from all pictures.

- 3 Tap  on the secondary LCD monitor to set or remove protection.
- 4 Tap  to exit protection.

 Protected pictures will be deleted when the memory card is formatted.

RATING

Rate pictures using stars.

- 1 Select **RATING** in the playback menu.
- 2 Swipe left or right on the screen to scroll through pictures to be rated and tap ★ to set the number of ★ (0 to 5).



Ratings cannot be applied to:

- Protected pictures
- Movies
- "Gift" pictures (pictures taken with other cameras)

FILTERING

Display only pictures that meet selected criteria.

Option	Description
ALL	Display all pictures.
SINGLE ONLY	Display images other than the 2-in-1 images.
2in1 ONLY	Display the 2-in-1 images.

1:1 FRAME COMBINER

Create an image with an aspect ratio of 1:1 with a background color. Choose a background color to tap **OK** on the secondary LCD monitor.



You cannot add another background color to a created 1:1 image.

SLIDESHOW MOVIE CREATOR

Create a movie in which multiple pictures flow horizontally.

- 1 Select **SLIDESHOW MOVIE CREATOR** in the playback menu.
- 2 Set the speed for movies.
 The maximum length of the movie is 60 seconds.
- 3 Select three or more pictures and tap **OK**.
- 4 Set the dividing line (📖 130).
- 5 Select the flow direction of the movie and tap **OK**.
A slideshow movie is created.

instax PRINTER PRINT

Print pictures on optional Fujifilm instax Link printers (📖 95).

instax IMAGE QUALITY MODE

Set the image quality when printing pictures on optional Fujifilm instax Link printers (📖 102).



Switch between the playback display for pictures and the confirmation dialog for film rolls taken in the film camera mode.

Network/USB Features and Settings

6

Overview

The camera can be connected to a computer or smartphone to upload pictures.

Supported Features

This camera supports the following features:

Feature	Description	
Connecting to the smartphone app	Connect to smartphones via Bluetooth® to upload pictures.	89
USB card readers	Connect a card reader to a computer via USB and copy pictures from memory cards.	92
instax printers	Print pictures on connected instax printers.	95

Connecting to Smartphones (Bluetooth)

To use all the functions of this camera, you will need a smartphone with dedicated apps installed. We recommend that you visit the following website and install the desired apps on your phone in advance.



When downloading pictures, the camera and smartphone must be connected via wireless LAN from a smartphone app on the smartphone connected via Bluetooth.

Installing Smartphone Apps

Visit the following website and install the desired apps on your smartphone.

https://fujifilm-dsc.com/app/x_half_app/



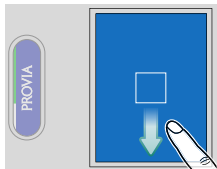
The apps available vary with the smartphone operating system.

Connecting to a Smartphone

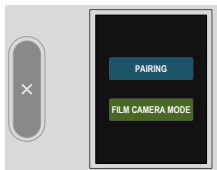
Connect the camera to a smartphone via Bluetooth®.

 Before proceeding, select **ON** for **Bluetooth/SMARTPHONE SETTING** > **Bluetooth ON/OFF**.

- 1 Swipe down on the LCD monitor in the shooting display.
The pairing screen will be displayed.

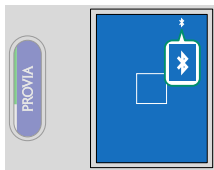


- 2 Tap **PAIRING**.



- 3 Launch the app on the smartphone and pair the smartphone with the camera.

When pairing is complete, the camera and smartphone will automatically connect via Bluetooth. A Bluetooth icon in the camera display changes from gray to white when a connection is established.



- Once the devices have been paired, the smartphone will automatically connect to the camera when the app is launched.
- Disabling Bluetooth when the camera is not connected to a smartphone reduces the drain on the battery.

Using the Smartphone App

You can do the following using a smartphone connected to the camera via Bluetooth. Connect the camera and smartphone via wireless LAN using a smartphone app in advance.

Selecting and Downloading Pictures Using the Smartphone App

You can download selected pictures to a smartphone using the smartphone app.

Developing films

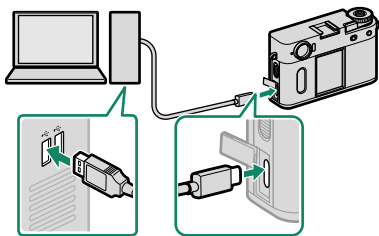
Develop the film roll taken with the **FILM CAMERA MODE** to check the picture.

Connecting to Smartphones (USB)

Connect to computers via USB to upload pictures from the camera.

Connecting the Camera and Computer

- 1 Select either **AUTO** or **POWER SUPPLY OFF/COMM ON** for **USB POWER SUPPLY/COMM SETTING** in the network/USB setting menu.
- 2 Turn the camera off.
- 3 Turn the computer on.
- 4 Connect a USB cable.



USB connector (Type-C)

 The USB cable must be no more than 1 m (3.3 ft.) long and be suitable for data transfer.

- 5 Turn the camera on.
- 6 Copy pictures to your computer.
 - **Mac OS X/OS X/macOS:** Pictures can be copied to your computer using Image Capture (supplied with your computer) or other software. Use a card reader to copy files over 4 GB in size.
 - **Windows:** Pictures can be copied to your computer using apps supplied with the operating system.



- Turn the camera off before disconnecting the USB cable.
- When connecting USB cables, be sure the connectors are fully inserted in the correct orientation. Connect the camera directly to the computer; do not use a USB hub or keyboard.
- Loss of power during transfer could result in loss of data or damage to the memory card. Insert a fully-charged battery before connecting the camera.
- If a memory card containing a large number of images is inserted, there may be a delay before the software starts and you may be unable to import or save images. Use a memory card reader to transfer pictures.
- Make sure that the indicator lamp is off or lit green before turning the camera off.
- Do not disconnect the USB cable while transfer is in progress. Failure to observe this precaution could result in loss of data or damage to the memory card.
- Disconnect the camera before inserting or removing memory cards.
- In some cases, it may not be possible to access pictures saved to a network server using the software in the same way as on a standalone computer.
- Do not immediately remove the camera from the system or disconnect the USB cable once the message stating that copying is in progress clears from the computer display. If the number of images copied is very large, data transfer may continue after the message has ceased to be displayed.
- The user bears all applicable fees charged by the phone company or Internet service provider when using services that require an Internet connection.

instax Printers

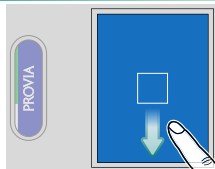
Print pictures from your digital camera to “FUJIFILM instax Link” series.

- !** Before connecting to an instax mini Link printer, confirm that printer firmware is version “0104” or later. You can view the firmware version and update the printer firmware from the instax mini Link app. For more information, see “Q. I want to update to the latest firmware.” at the link below.

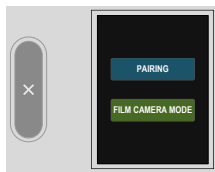
https://instax.com/mini_link/en/support/faq/

Establishing a Connection

- 1 Swipe down on the LCD monitor in the shooting display.
The pairing screen will be displayed.

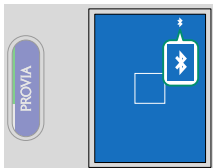


- 2 Tap **PAIRING**.



3 Start the printer and pair it with the camera.

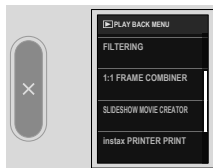
Once paired, the camera and printer will automatically connect via Bluetooth. The Bluetooth icon in the camera display changes from gray to white when the camera and printer are connected.



- Once paired, the printer will automatically connect to the camera every time it is started up.
- Disabling Bluetooth when the camera is not connected to the printer reduces the camera's power consumption.
- If the connection to the printer is unstable, delete the pairing with the printer for **Bluetooth/SMARTPHONE SETTING > Bluetooth DEVICE LIST** and pair with the printer again.

Printing Pictures

- 1 Turn the printer on.
- 2 Select **instax PRINTER PRINT** in the **PLAY BACK MENU**.



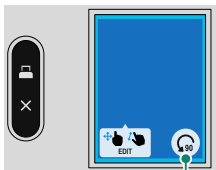
- 3 Select the picture you want to print and press **OK**.



- Pictures taken with other cameras cannot be printed.
- The displays may vary depending on the printer connected.

4 Edit the picture.

- Pinch in or out on the LCD monitor to reduce or enlarge the picture.
- Tap the rotation button or rotate the picture with two fingers to rotate the picture by 90° at a time.
- Tap  to proceed to the next.



Rotation button



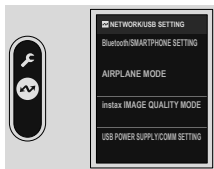
- The area to be printed is displayed with a blue frame. Also, the print area varies depending on the printer.
- You cannot print a picture smaller than the screen size. If there is a margin on the screen, the picture will be automatically enlarged.

5 The picture will be sent to the printer and printing will start.

Network/USB Setting Menus

Adjust camera network and USB settings.

Tap  (NETWORK/USB SETTING) on the secondary LCD monitor in the shooting display.



Bluetooth/SMARTPHONE SETTING

Adjust Bluetooth-related settings as well as a variety of smartphone-related settings.



Be sure your smartphone or tablet is running the latest version of the smartphone app.

PAIRING REGISTRATION

Pair the camera with a smartphone or tablet to which the smartphone app has been installed.

Bluetooth DEVICE LIST

List the devices with which the camera is paired (other than the smartphone) or end pairing with selected devices.

Bluetooth ON/OFF

If **ON** is selected, the camera will automatically connect with paired smartphones or tablets running the smartphone app.

Options	
ON	OFF

SMARTPHONE LOCATION SYNC.

Select **ON** to enable ongoing download of location data from paired smartphones or tablets.

Options	
ON	OFF



Location data will only be downloaded while the smartphone app is running. Download will be interrupted if pairing is ended. The camera location data icon will be displayed in red if location data have not been updated for over 30 minutes.

WIRELESS COM. FREQUENCY SETTING

Choose the band for wireless LAN connections.

Options	
2.4GHz (IEEE802.11 b/g/n)	5GHz (IEEE802.11 a/n/ac)



- Some countries and regions prohibit outdoor use of certain channels in the 5 GHz band. Check whether use of the 5.2 GHz (W52) band is permitted before selecting the 5 GHz option.
- The options available vary with the country or region of sale.

NAME

Choose a name (**NAME**) to identify the camera on the wireless network.

AIRPLANE MODE

Select **ON** to disable the camera's wireless LAN and Bluetooth features.

Options	
ON	OFF

instax IMAGE QUALITY MODE

Set the image quality when printing pictures on optional Fujifilm instax Link printers.

Option	Description
instax-Rich Mode	Print with rich color expression.
instax-Natural Mode	Print with conventional image quality.



These options are also available when the camera is connected to the printer.

USB POWER SUPPLY/COMM SETTING

Choose whether USB connections to computers, smartphones, or other devices are used for power delivery or data transfer.

Option	Description
AUTO	The camera switches between power delivery and data transfer automatically.
POWER SUPPLY ON/COMM OFF	The camera draws power from the connected device, reducing the drain on the battery. Data transfer is disabled.
POWER SUPPLY OFF/COMM ON	The camera can exchange data with, but not draw power from, the connected device.



The camera cannot draw power from Lightning connections or from devices that do not supply power. Select **POWER SUPPLY OFF/COMM ON** before connecting the camera to such devices. The connection may not be available for data transfer or the like when **POWER SUPPLY ON/COMM OFF** is selected.



Regardless of the option selected, the battery will charge while the camera is off.

RESET NETWORK/USB SETTING

Reset network/USB settings to default values.

MEMO[illegible]

The Shooting Menus

7

SHOOTING SETTING

Adjust the settings for shooting.

Swipe left on the LCD monitor, and then tap  (**SHOOTING SETTING**) on the secondary LCD monitor.



The options available vary with the shooting mode selected.

EXPOSURE MODE

Set the shooting mode for still photography.

Options			
PROGRAM AE (AUTO)	SHUTTER PRIORITY AE	APERTURE PRIORITY AE	MANUAL

IMAGE SIZE

Change the size of the pictures to be recorded.

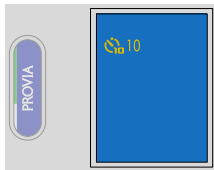
Options		
S 3:4 (2M)	M 3:4 (6M)	L 3:4 (18M)

SELF-TIMER

Choose a shutter release delay.

Option	Description
 2 SEC	The shutter is released two seconds after the shutter button is pressed. Use to reduce blur caused by the camera moving when the shutter button is pressed. The self-timer lamp blinks as the timer counts down.
 10 SEC	The shutter is released ten seconds after the shutter button is pressed. Use for photographs in which you wish to appear yourself. The self-timer lamp lights up and then blinks immediately before the picture is taken.
OFF	Self-timer off.

If an option other than **OFF** is selected, the timer will start when the shutter button is pressed all the way down. The display shows the number of seconds remaining until the shutter is released. To stop the timer before the picture is taken, press **PLAY**.



- Stand behind the camera when using the shutter button. Standing in front of the lens can interfere with focus and exposure.
- Select **ON** for **CONTINUE** to maintain the self-timer settings even when the power is turned off.

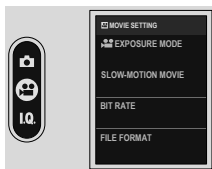


- Swipe up on the LCD monitor in the shooting display to check whether the self-timer is in use on the shooting settings list screen (16).

MOVIE SETTING

Adjust movie-recording options.

Swipe left on the LCD monitor, and then tap  (**MOVIE SETTING**) on the secondary LCD monitor.



EXPOSURE MODE

Set the shooting mode for movies.

Options			
PROGRAM AE (AUTO)	SHUTTER PRIORITY AE	APERTURE PRIORITY AE	MANUAL

SLOW-MOTION MOVIE

Set the shooting speed for slow-motion movies.

Options			
120% SLOW	150% SLOW	200% SLOW	OFF

BIT RATE

Set the bit rate for movies.

Options		
10Mbps	20Mbps	50Mbps

FILE FORMAT

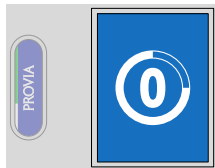
Choose the file type.

Options	
MP4	MOV

SELF-TIMER

Choose the delay between the shutter button being pressed all the way down and the start of recording.

- The display shows the number of seconds remaining before recording begins.
- To stop the timer before recording begins, press **PLAY**.



Options			
3 SEC	5 SEC	10 SEC	OFF

 Select **ON** for **CONTINUE** to maintain the self-timer settings even when the power is turned off.

 Swipe up on the LCD monitor in the shooting display to check whether the self-timer is in use on the shooting settings list screen (16).

REC FRAME INDICATOR

If **ON** is selected, the borders of the display will turn red during movie recording.

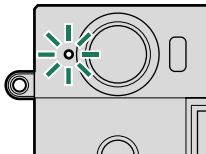
Options	
ON	OFF



The borders are displayed in green during slow-motion movie recording.

TALLY LIGHT

Change the settings for whether the indicator lamp blinks or remains steady during movie recording.

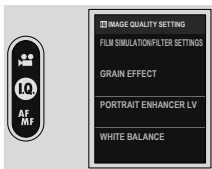


Option	Description
CONTINUOUS	The indicator lamp lights during movie recording.
FLASHING	The indicator lamp blinks during movie recording.
OFF	The indicator lamp remain off during movie recording.

IMAGE QUALITY SETTING

Set functions related to image quality.

Swipe left on the LCD monitor, and then tap  (IMAGE QUALITY SETTING) on the secondary LCD monitor.



The options available vary with the shooting mode selected.

FILM SIMULATION/FILTER SETTINGS

Choose a film simulation effect or a filter effect ( 50).

GRAIN EFFECT

Add a film grain effect.

ROUGHNESS

Option	Description
STRONG	Choose for rougher grains.
WEAK	Choose for smoother grains.
OFF	Turn the effect off.

SIZE

Option	Description
LARGE	Choose for coarser grains.
SMALL	Choose for finer grains.

PORTRAIT ENHANCER LV

Choose the portrait enhancement level.

Options			
WEAK	MEDIUM	STRONG	OFF

WHITE BALANCE

For natural colors, choose a white balance option that matches the light source.

Option	Description
 AUTO	White balance is adjusted automatically.
 COLOR TEMPERATURE	Choose a color temperature.
 DAYLIGHT	For subjects in direct sunlight.
 SHADE	For subjects in the shade.
 FLUORESCENT LIGHT-1	Use under “daylight” fluorescent lights.
 FLUORESCENT LIGHT-2	Use under “warm white” fluorescent lights.
 FLUORESCENT LIGHT-3	Use under “cool white” fluorescent lights.
 INCANDESCENT	Use under incandescent lighting.
 UNDERWATER	Reduces the blue cast typically associated with underwater lighting.



- In conditions in which  **AUTO** fails to produce the desired results—for example, under certain types of lighting or in close-ups of portrait subjects—choose a white balance option suited to the light source.
- White balance is adjusted for flash lighting only in  **AUTO** and  **UNDERWATER** modes. Turn the flash off using other white balance options.

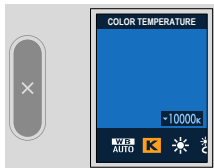
K: Color Temperature

Adjust white balance to match the color temperature of the light source.

 Color temperature can be adjusted to make pictures “warmer” or “colder” or deliberately produce colors that differ radically from those in real life.

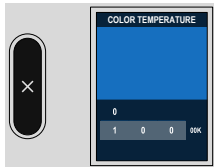
- 1 Select **K** in the white balance menu.

The option currently selected for color temperature will be displayed.



- 2 Adjust the color temperature and tap **X** on the secondary LCD monitor.

A fine-tuning dialog will be displayed.



 Choose from values of from 2500 to 10000 K.

Color Temperature

Color temperature is an objective measure of the color of a light source, expressed in Kelvin (K). Light sources with a color temperature close to that of direct sunlight appear white; light sources with a lower color temperature have a yellow or red cast, while those with a higher color temperature are tinged with blue.

LONG EXPOSURE NR

Select **ON** to reduce mottling in long time-exposures.

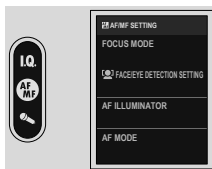
Options**ON****OFF**

The additional processing required when **ON** is selected increases save times.

AF/MF SETTING

Set functions related to focus.

Swipe left on the LCD monitor, and then tap  (AF/MF SETTING) on the secondary LCD monitor.



The options available vary with the shooting mode selected.

FOCUS MODE

Choose how the camera focuses ( 63).

FACE/EYE DETECTION SETTING

If the camera detects human faces, it will assign them priority over the background and adjust settings appropriately for portraits when setting focus and exposure. You can also choose whether the camera focuses on the left or right eye when face detection is on.



Option	Description
 FACE ON/EYE OFF	Intelligent Face Detection only.
 FACE ON/EYE AUTO	The camera automatically chooses which eye to focus on when a face is detected.
 FACE ON/RIGHT EYE PRIORITY	The camera focuses preferentially on the right eye of subjects detected using Intelligent Face Detection.
 FACE ON/LEFT EYE PRIORITY	The camera focuses preferentially on the left eye of subjects detected using Intelligent Face Detection.
OFF	Intelligent Face Detection and eye priority off.



- If the subject moves as the shutter button is pressed, the face may not be in the area indicated by the green border when the picture is taken.
- In some modes, the camera may set exposure for the frame as a whole rather than the portrait subject.



- A single face detected in or near the focus area will be marked with a white frame.
- If multiple faces are detected in the focus area, the camera will select one automatically.
- You can choose a different subject by tapping the display.
- If the selected subject leaves the frame, the camera will wait a set time for its return and consequently the white frame may sometimes appear in locations where no face is seen.
- Faces can be detected with the camera in vertical or horizontal orientation.
- If the camera is unable to detect the subject's eyes because they are hidden by hair, glasses, or other objects, the camera will instead focus on faces.

AF ILLUMINATOR

If **ON** is selected, the AF-assist illuminator will light to assist auto-focus.

Options	
ON	OFF



- The camera may be unable to focus using the AF-assist illuminator in some cases.
- If the camera is unable to focus, try increasing the distance to the subject.
- Avoid shining the AF-assist illuminator directly into your subject's eyes.

AF MODE

Change the focus area settings (📖 64).

MF ASSIST

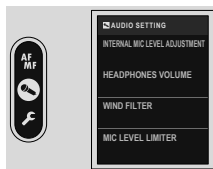
Choose how focus is displayed in manual focus mode (📖 68).

Options				
WHITE	RED	BLUE	YELLOW	OFF

AUDIO SETTING

Adjust settings for audio recorded during filming.

Swipe left on the LCD monitor, and then tap  (AUDIO SETTING) on the secondary LCD monitor.



INTERNAL MIC LEVEL ADJUSTMENT

Adjust the recording level for the built-in microphone.

Option	Description
AUTO	The camera adjusts the recording level automatically.
MANUAL	Adjust the recording level manually. Choose from 25 recording levels.
OFF	Turn the built-in microphone off.

HEADPHONES VOLUME

Adjust the headphone volume.

Option	Description
0	Mute output to the headphones.
1—10	Choose a volume of from 1 to 10.

WIND FILTER

Choose whether to enable wind noise reduction during movie recording.

Options	
ON	OFF

MIC LEVEL LIMITER

Reduces distortion caused by input that exceeds the limits of the microphone's audio circuits.

Options	
ON	OFF

LOW CUT FILTER

Choose whether to enable the low-cut filter, reducing low-frequency noise during movie recording.

Options	
ON	OFF

The Setup Menu

8

USER SETTING

Adjust basic camera settings.

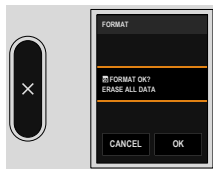
Swipe left on the LCD monitor, and then tap  (SET UP) on the secondary LCD monitor to select **USER SETTING** on the LCD monitor.



FORMAT

To format a memory card:

- 1 Select  **USER SETTING** > **FORMAT** in the  (SET UP) tab.
- 2 A confirmation dialog will be displayed.



- 3 Tap **OK** to format.



The format will not be performed if you tap **CANCEL** on the confirmation screen or tap  on the secondary LCD monitor.



- All data—including protected pictures—will be deleted from the memory card. Be sure important files have been copied to a computer or other storage device.
- Do not open the battery-chamber cover during formatting.

AREA SETTING

Adjust settings for your current time zone.

AREA SETTING

Choose your time zone from a map.

DAYLIGHT SAVINGS

Turn daylight saving time on or off.

Option	Description
ON	Daylight saving time on.
OFF	Daylight saving time off.

DATE/TIME

To set the camera clock:

- 1 Select  **USER SETTING** > **DATE/TIME** in the  **(SET UP)** tab.
- 2 Set the date and time.
- 3 Tap  on the secondary LCD monitor to set the date and time.

TIME DIFFERENCE

Switch the camera clock instantly from your home time zone to the local time at your destination when traveling. To specify the difference between your local and home time zone:

 Use  **AREA SETTING** to choose your home time zone before selecting a local time zone using  **LOCAL**.

1 Tap the  icon.

2 Select the area of your destination.

 Select **ON** to enable daylight saving time.

3 Tap  on the secondary LCD monitor.

To set the camera clock to local time, highlight  **LOCAL** and press **MENU/OK**. To set the clock to the time in your home time zone, select  **HOME**.

Options	
 LOCAL	 HOME

 If  **LOCAL** is selected,  will be displayed in yellow for about three seconds when the camera is turned on.

言語/LANG.

Choose a language.

FIRMWARE UPDATE

Use the firmware stored on a memory card to update the firmware for the camera (📖 163).

ACTIVITY RECORD

You can automatically record your shooting activities using the camera. Use FUJIFILM's network services to check your daily shooting activities in a diary format or as summary information.



In our network service, you can not only check your daily shooting activities in a diary format, but also edit them and receive notifications from FUJIFILM. To use our network service, you need to use the following two apps.

- Smartphone app (📖 89)
- FUJIFILM XApp

RESET

Reset each menu option to default values.

- 1 Select the menu you want to reset.

Option	Description
MENU RESET	The SHOOTING SETTING, MOVIE SETTING, IMAGE QUALITY SETTING, AF/MF SETTING, AUDIO SETTING, and DIVIDING LINE SETTINGS in the setup menu will be reset.
SET-UP RESET	Reset all setup menu settings other than DATE/TIME , AREA SETTING, and TIME DIFFERENCE to default values.
INITIALIZE	Reset all settings to default values.

- 2 Tap **OK** on the confirmation screen.

SUPPORT WEBSITE

Display the QR code for the support website of the camera. Use your smartphone or another device to scan the code to access the website.

REGULATORY

To view electronic copies of the product model number, and other certificates, select  **USER SETTING** > **REGULATORY** in the setup menu.

SHUTTER COUNT

View the approximate number of times the shutter has been released.

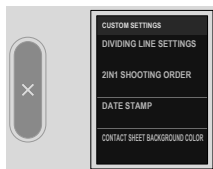


Other actions may also increment the counter, for example turning the camera off or choosing playback mode.

CUSTOM SETTINGS

Adjust particular camera settings.

Swipe left on the LCD monitor, and then tap  (SET UP) on the secondary LCD monitor to select **CUSTOM SETTINGS** on the LCD monitor.



DIVIDING LINE SETTINGS

Set the appearance of the dividing line for 2-in-1 shooting.

COLOR

Select the line color.

Options	
BLACK	WHITE

WIDTH

Select the line thickness.

Options		
NARROW	REGULAR	BOLD

TYPE

Select the appearance of the line.

Options			
1	2	3	4

2IN1 SHOOTING ORDER

Change the order of the two pictures in 2-in-1 shooting.

Options	
L → R	R → L

DATE STAMP

Set whether to include the date on the picture. You can set this for still photography and movie recording respectively.

Options	
ON	OFF



When printing pictures on a printer, turn **DATE STAMP OFF** before shooting or turn off the date printing function when printing. Otherwise, the date may be printed twice.

CONTACT SHEET BACKGROUND COLOR

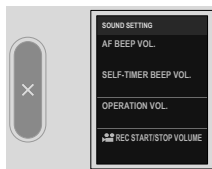
Set the background color of the contact sheet.

Options	
BLACK	WHITE

SOUND SETTING

Make changes to camera sounds.

Swipe left on the LCD monitor, and then tap  (SET UP) on the secondary LCD monitor to select **SOUND SET-UP** on the LCD monitor.



AF BEEP VOL.

Choose the volume of the beep that sounds when the camera focuses. The beep can be muted by selecting  **OFF**.

Options

 (high)

 (medium)

 (low)

 **OFF** (mute)

SELF-TIMER BEEP VOL.

Choose the volume of the beep that sounds while  **SELF-TIMER** is active. The beep can be muted by selecting  **OFF**.

Options

 (high)

 (medium)

 (low)

 **OFF** (mute)

OPERATION VOL.

Adjust the volume of the sounds produced when camera controls are operated. Choose **OFF** to disable control sounds.

Options			
 (high)	 (medium)	 (low)	 OFF (mute)

REC START/STOP VOLUME

Choose the volume at the start and end of movie recording.

Options			
 (high)	 (medium)	 (low)	 OFF (mute)

SHUTTER VOLUME

Adjust the volume of the shutter sound.

Options			
 (high)	 (medium)	 (low)	 OFF (mute)

SHUTTER SOUND

Choose the sound of the shutter.

Options		
♪ 1 SOUND 1	♪ 2 SOUND 2	♪ 3 SOUND 3

PLAYBACK VOLUME

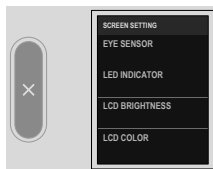
Adjust the volume for movie playback.

Options										
0	1	2	3	4	5	6	7	8	9	10

SCREEN SETTING

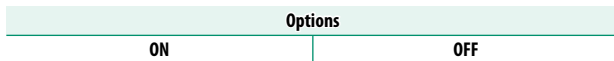
Make changes to display settings.

Swipe left on the LCD monitor, and then tap  (SET UP) on the secondary LCD monitor to select **SCREEN SET-UP** on the LCD monitor.



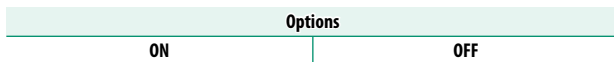
EYE SENSOR

Enable or disable the eye sensor.



LED INDICATOR

Choose whether the indicator lamp remains steady.



LCD BRIGHTNESS

Adjust monitor brightness.

Options										
-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5

LCD COLOR

Adjust monitor saturation.

Options										
-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5

LCD COLOR ADJUSTMENT

Adjust the color of the display in the LCD monitor.

- 1 Select **R** (red) or **B** (blue) to adjust the color tone.
- 2 Tap  on the secondary LCD monitor.

IMAGE DISP.

Choose how long images are displayed after shooting.

Option	Description
CONTINUOUS	Pictures are displayed until the LCD monitor is tapped or the shutter button is pressed halfway. To zoom in on the active focus point, double-tap the LCD monitor; double-tap again or tap  on the secondary LCD monitor to cancel zoom (📖 140).
1.5 SEC	Pictures are displayed for the selected time or until the shutter button is pressed halfway.
0.5 SEC	
OFF	Pictures are not displayed after shooting.



- Colors may differ slightly from those in the final image.
- “Noise” mottling may be visible at high sensitivities.
- The confirmation screen will not be displayed when **EYE SENSOR** is **ON** and the picture is taken while you look through the viewfinder.

INFORMATION DISPLAY

Set whether to display settings such as shooting settings in the shooting display.

Options	
ON	OFF

ELECTRONIC LEVEL SETTING

Adjust settings for use when taking pictures using the virtual horizon display (📖 11).

FRAMING GUIDELINE

Set whether to display framing guides during shooting.

Options	
ON	OFF

MIC LEVEL DISPLAY

Set whether to display the recording level for microphones.

Options	
ON	OFF

LOCATION INFO

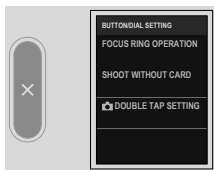
Select **ON** to display location info downloaded from a smart-phone.

Options	
ON	OFF

BUTTON/DIAL SETTING

Access options for camera controls.

Swipe left on the LCD monitor, and then tap  (SET UP) on the secondary LCD monitor to select **BUTTON/DIAL SETTING** on the LCD monitor.



FOCUS RING OPERATION

Choose the direction in which the focus ring is rotated to increase the focus distance.

Options	
 CW (clockwise)	 CCW (counterclockwise)

SHOOT WITHOUT CARD

Choose whether the shutter can be released without a memory card inserted in the camera.

Option	Description
ON	When no memory card is inserted, the shutter can be released to test camera function and the shooting and setup menus can be displayed.
OFF	The shutter is disabled if no memory card is inserted, preventing accidental loss of pictures taken without a memory card.

 DOUBLE TAP SETTING

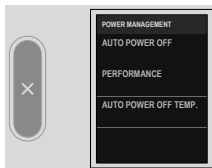
When the **IMAGE DISP.** is set to **CONTINUOUS**, set whether to zoom in by double-tapping the confirmation screen after shooting.

Option	Description
ON	Tap the LCD monitor twice to zoom in on your subject.
OFF	Touch zoom disabled.

POWER MANAGEMENT

Adjust power management settings.

Swipe left on the LCD monitor, and then tap **⚙️ (SET UP)** on the secondary LCD monitor to select **POWER MANAGEMENT** on the LCD monitor.



AUTO POWER OFF

Choose the length of time before the camera turns off automatically when no operations are performed. Shorter times increase battery life; if **OFF** is selected, the camera must be turned off manually.

Options					
5 MIN	2 MIN	1 MIN	30 SEC	15 SEC	OFF

PERFORMANCE

Adjust power settings.

Option	Description
NORMAL	Choose standard for autofocus performance and battery endurance.
ECONOMY	Limit autofocus performance. This option offers better battery endurance than does NORMAL .

AUTO POWER OFF TEMP.

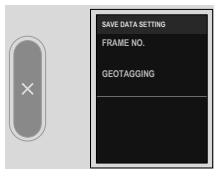
If its temperature rises beyond a certain point, the camera will first display a message and then, if the temperature rise continues, automatically end shooting and power down. Choose the temperature at which the camera turns off automatically.

Option	Description
STANDARD	The camera turns off automatically when its temperature reaches the STANDARD value.
HIGH	Shooting can continue at temperatures higher than the STANDARD value, extending the time available to record movies and the like. Because remaining in contact with the camera at these high temperatures could result in low-temperature burns, this option should only be used after mounting the camera on a tripod or taking other steps to avoid prolonged contact with the camera.

SAVE DATA SETTING

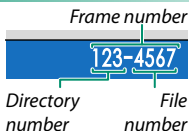
Make changes to file management settings.

Swipe left on the LCD monitor, and then tap  (SET UP) on the secondary LCD monitor to select **SAVE DATA SET-UP** on the LCD monitor.



FRAME NO.

New pictures are stored in image files named using a four-digit file number assigned by adding one to the last file number used. The file number is displayed during playback as shown. **FRAME NO.** controls whether file numbering is reset to 0001 when a new memory card is inserted or the current memory card is formatted.



Option	Description
CONTINUOUS	Numbering continues from the last file number used or the first available file number, whichever is higher. Choose this option to reduce the number of pictures with duplicate file names.
RENEW	Numbering is reset to 0001 after formatting or when a new memory card is inserted.



- If the frame number reaches 999-9999, the shutter release will be disabled. Turn the camera off and insert a formatted memory card before resuming shooting.
- Selecting  **USER SETTING** > **RESET** sets **FRAME NO.** to **CONTINUOUS** but does not reset the file number.
- Frame numbers for pictures taken with other cameras may differ.

GEOTAGGING

If **ON** is selected, location data downloaded from a smartphone will be embedded in pictures as they are taken.

Options	
ON	OFF

Technical Notes

9

Accessories from Fujifilm

The following accessories are available from Fujifilm. For the latest information on the accessories available in your region, check with your local Fujifilm representative or visit <https://fujifilm-x.com/support/compatibility/cameras/>.

Rechargeable Li-ion batteries

NP-W126S: Additional high-capacity NP-W126S rechargeable batteries can be purchased as required.

Battery chargers

BC-W126S: Replacement battery chargers can be purchased as required. At +20°C/+68°F, the BC-W126S charges an NP-W126S in about 150 minutes.

Tripod grips

TG-BT1: Record movies or take photographs while holding this Bluetooth tripod grip.

Smartphone printers

instax Link series printers: When connected to a paired device via Bluetooth, this printer can be used to quickly and easily print pictures on instax film.



Software and Services for Use with Your Camera

The camera can be used with the following software and services. For the latest information on software available from Fujifilm, visit

[*https://fujifilm-x.com/support/compatibility/cameras/*](https://fujifilm-x.com/support/compatibility/cameras/).

Smartphone Apps

Establish a wireless connection between your camera and a smartphone or tablet.

[*https://fujifilm-dsc.com/app/x_half_app/*](https://fujifilm-dsc.com/app/x_half_app/)

For Your Safety

IMPORTANT SAFETY INSTRUCTIONS

- **Read Instructions:** All the safety and operating instructions should be read before the appliance is operated.
- **Retain Instructions:** The safety and operating instructions should be retained for future reference.
- **Heed Warnings:** All warnings on the appliance and in the operating instructions should be adhered to.
- **Follow Instructions:** All operating and use instructions should be followed.

Installation

Power Sources: This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.

Grounding or Polarization: This video product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Alternate Warnings: This video product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

Overloading: Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

Ventilation: Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the video product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface.

This video product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. This video product should never be placed near or over a radiator or heat register.

Attachments: Do not use attachments not recommended by the video product manufacturer as they may cause hazards.

Water and Moisture: Do not use this video product near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

Power-Cord Protection: Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

Accessories: Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

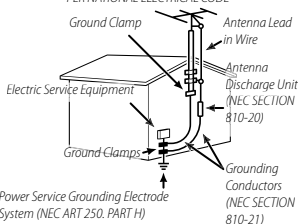
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



Antennas

Outdoor Antenna Grounding: If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING AS
PER NATIONAL ELECTRICAL CODE



Power Lines: An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Use

Cleaning: Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Object and Liquid Entry: Never push objects of any kind into this video product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.

Lightning: For added protection for this video product receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system.

This will prevent damage to the video product due to lightning and power-line surges.

Service

Servicing: Do not attempt to service this video product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Damage Requiring Service: Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged
- If liquid has been spilled, or objects have fallen into the video product.
- If the video product has been exposed to rain or water.
- If the video product has been dropped or the cabinet has been damaged.

If the video product does not operate normally follow the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.

When the video product exhibits a distinct change in performance — this indicates a need for service.

Replacement Parts: When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

Safety Check: Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine that the video product is in proper operating condition.

Be sure to read these notes before use

Safety Notes

- Make sure that you use your camera correctly. Read these safety notes and your *Basic Manual* carefully before use.
- After reading these safety notes, store them in a safe place.

About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

	WARNING	This icon indicates that death or serious injury can result if the information is ignored.
	CAUTION	This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the instructions which are to be observed.

	Triangular icons tell you that this information requires attention ("Important").
	Circular icons with a diagonal bar tell you that the action indicated is prohibited ("Prohibited").
	Filled circles with an exclamation mark indicate an action that must be performed ("Required").

The symbols on the product (including the accessories) represent the following:

	AC
	DC
	Class II equipment (The construction of the product is double-insulated.)

WARNING	
	<u>If a problem arises, turn the camera off, remove the battery, and disconnect the USB cable.</u> Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock. Contact your Fujifilm dealer.
	<u>Do not allow water or foreign objects to enter the camera or connecting cables.</u> Do not use the camera or connecting cables following ingress of fresh or salt water, milk, beverages, detergents, or other liquids. <u>Should liquid find its way into the camera or connecting cables, turn the camera off, remove the battery, and disconnect the USB cable.</u> Continued use of the camera can cause a fire or electric shock. Contact your Fujifilm dealer.
	<u>Do not use the camera in the bathroom or shower.</u> This can cause a fire or electric shock.
	<u>Never attempt to change or take apart the camera (never open the case).</u> Failure to observe this precaution can cause fire or electric shock.

WARNING	
	<u>Should the case break open as the result of a fall or other accident, do not touch the exposed parts.</u> Failure to observe this precaution could result in electric shock or in injury from touching the damaged parts. Remove the battery immediately, taking care to avoid injury or electric shock, and take the product to the point of purchase for consultation.
	<u>Do not change, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord.</u> These actions could damage the cord and cause a fire or electric shock. If the cord is damaged, contact your Fujifilm dealer. Do not use cables with bent connectors.
	<u>Do not place the camera on an unstable surface.</u> This can cause the camera to fall or tip over and cause injury.
	<u>Never attempt to take pictures while in motion.</u> Do not use shooting, playback, or any other operations of the camera while operating a car or other vehicle. This can result in your falling down or being involved in a traffic accident. If you take pictures while walking, pay attention to your surroundings.
	<u>Do not touch any metal parts of the camera during a thunderstorm.</u> This can cause an electric shock due to induced current from the lightning discharge.
	<u>Do not use the battery except as specified.</u> Load the battery as shown by the indicator.
	<u>Do not disassemble, modify, or heat batteries. Do not drop, strike, or throw batteries or otherwise subject them to strong impacts. Do not use batteries that show signs of leaking, deformation, discoloration, or other abnormalities. Use only designated chargers to recharge rechargeable batteries and do not attempt to recharge non-rechargeable lithium or alkaline batteries. Do not short batteries or store them with metallic objects.</u> Failure to observe these precautions could result in the batteries overheating, igniting, rupturing, or leaking, causing fire, burns, or other injury.

 WARNING	
	<u>Use only batteries specified for use with this camera.</u> <u>Do not use voltages other than the power supply voltage shown.</u> The use of other power sources can cause a fire.
	<u>If the battery leaks and fluid gets in contact with your eyes, skin or clothing, flush the affected area with clean water and seek medical attention or call an emergency number right away.</u>
	<u>Using a flash too close to a person's eyes may cause visual impairment.</u> Take particular care when photographing infants and young children.
	<u>Do not remain in prolonged contact with hot surfaces. Do not leave one part of the body in contact with the product for prolonged periods while the product is on.</u> Failure to observe this precaution could result in low-temperature burns, particularly during prolonged use, at high ambient temperatures, when HIGH is selected for AUTO POWER OFF TEMP. , or with users who suffer from poor circulation or reduced sensation, in which case use of a tripod or similar precautions are recommended.
	<u>Do not use in the presence of flammable objects, explosive gases, or dust.</u>
	<u>When carrying the battery, install it in a digital camera or keep it in the hard case. When storing the battery, keep it in the hard case. When discarding, cover the battery terminals with insulation tape.</u> Contact with other metallic objects or batteries could cause the battery to ignite or burst.
	<u>Keep memory cards, shoe covers, and other small parts out of the reach of small children.</u> Children may swallow small parts; keep out of reach of children. Should a child swallow a small part, seek medical attention or call emergency.
	<u>Keep out of reach of small children.</u> Among the elements that could cause injury are the strap, which could become entangled about a child's neck, causing strangulation, and the flash, which could cause visual impairment.
	<u>Follow the directions of airline and hospital personnel.</u> This product generates radio-frequency emissions that could interfere with navigational or medical equipment.

 CAUTION	
	<u>Do not use this camera in locations affected by oil fumes, steam, humidity or dust.</u> This can cause a fire or electric shock.
	<u>Do not leave this camera in places subject to extremely high temperatures.</u> Do not leave the camera in locations such as a sealed vehicle or in direct sunlight. This can cause a fire.
	<u>Do not place heavy objects on the camera.</u> This can cause the heavy object to tip over or fall and cause injury.
	<u>Do not cover or wrap the camera or the charger in a cloth or blanket.</u> This can cause heat to build up and distort the casing or cause a fire.
	<u>Do not use the plug if it is damaged or if it does not fit securely into the outlet.</u> Failure to observe this precaution could result in fire or electric shock.
	<u>When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the battery.</u> Failure to do so can cause a fire or electric shock.
	<u>When charging ends, unplug the charger from the power socket.</u> Leaving the charger plugged into the power socket can cause a fire.
	<u>When a memory card is removed, the card could come out of the slot too quickly. Use your finger to hold it and gently release the card.</u> Injury could result to those struck by the ejected card.
	<u>Do not handle the memory card immediately after shooting.</u> The memory card may be hot, resulting in burns. Wait for the card to cool before removing it from the camera.
	<u>Request regular internal testing and cleaning for your camera.</u> Build-up of dust in your camera can cause a fire or electric shock. Contact your Fujifilm dealer to request internal cleaning every two years. Please note that this service is not free of charge.
	<u>Dispose of the product in accord with location regulations.</u>
	<u>Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.</u>



CAUTION



Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

The Battery and Power Supply

Note: Check the type of battery used in your camera and read the appropriate sections.

⚠ WARNING: Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

The following describes the proper use of batteries and how to prolong their life. Incorrect use can shorten battery life or cause leakage, overheating, fire, or explosion.

Li-ion Batteries

Read this section if your camera uses a rechargeable Li-ion battery.

The battery is not charged at shipment. Charge the battery before use. Keep the battery in its case when not in use.

■ Notes on the Battery

The battery gradually loses its charge when not in use. Charge the battery one or two days before use.

Battery life can be extended by turning the camera off when not in use.

Battery capacity decreases at low temperatures; a depleted battery may not function when cold. Keep a fully charged spare battery in a warm place and exchange as necessary, or keep the battery in your pocket or other warm place and insert it in the camera only when shooting. Do not place the battery in direct contact with hand warmers or other heating devices.

■ Charging the Battery

The battery can also be charged using an optional BC-W126S battery charger. Charging times will increase at ambient temperatures below +10 °C (+50 °F) or above +35 °C (+95 °F). Do not attempt to charge the battery at temperatures above +40 °C (+104 °F); at temperatures below +5 °C (+41 °F), the battery will not charge.

Do not attempt to recharge a fully charged battery. The battery does not however need to be fully discharged before charging.

The battery may be warm to the touch immediately after charging or use. This is normal.

■ Battery Life

A noticeable decrease in the length of time the battery will hold a charge indicates that it has reached the end of its service life and should be replaced.

■ Storage

If the camera will not be used for an extended period, store it at room temperature with the battery charged to approximately one half to ¾ capacity.

If the camera will not be used for an extended period, remove the battery and store it in a dry place with an ambient temperature of from +15 °C to +25 °C (+59 °F to +77 °F). Do not store in locations exposed to extremes of temperature.

■ Cautions: Handling the Battery

- Do not transport or store with metal objects such as necklaces or hairpins.
- Do not expose to flame or heat.
- Do not disassemble or modify.
- Do not expose to low atmospheric pressures.
- Use with designated chargers only.
- Dispose of used batteries promptly.
- Do not drop or subject to strong physical shocks.
- Do not expose to water.
- Keep the terminals clean.
- The battery and camera body may become warm to the touch after extended use. This is normal.

■ Caution: Disposal

Dispose of used batteries in accord with local regulations. Attention should be drawn to the environmental aspects of battery disposal. Use the apparatus under moderate climate.

Do not mechanically crush or split batteries.

Using the Camera

- Do not aim the camera at extremely bright light sources, including artificial light sources or natural light sources such as the sun in a cloudless sky. Failure to observe this precaution could damage the camera image sensor.
- Strong sunlight focused through the viewfinder may damage the panel of electronic viewfinder (EVF). Do not aim the electronic viewfinder at the sun.

Take Test Shots

Before taking photographs on important occasions (such as at weddings or before taking the camera on a trip), take a test shot and view the results to ensure that the camera is functioning normally. FUJIFILM Corporation cannot accept liability for damages or lost profits incurred as a result of product malfunction.

Notes on Copyright

Unless intended solely for personal use, images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner. Note that some restrictions apply to the photographing of stage performances, entertainments, and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory cards containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

Handling

To ensure that images are recorded correctly, do not subject the camera to impact or physical shocks while images are being recorded.

Liquid Crystal

In the event that the display is damaged, care should be taken to avoid contact with liquid crystal. Take the urgent action indicated should any of the following situations arise:

- If liquid crystal comes in contact with your skin**, clean the area with a cloth and then wash thoroughly with soap and running water.
- If liquid crystal enters your eyes**, flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed**, rinse your mouth thoroughly with water. Drink large quantities of water and induce vomiting, then seek medical assistance.

Although the display is manufactured using extremely high-precision technology, it may contain pixels that are always lit or that do not light. This is not a malfunction, and images recorded with the product are unaffected.

Trademark Information

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Electrical Interference

This camera may interfere with hospital or aviation equipment. Consult with hospital or airline staff before using the camera in a hospital or on an aircraft.

Color Television Systems

NTSC (National Television System Committee) is a color television telecasting specification adopted mainly in the U.S.A., Canada, and Japan. PAL (Phase Alternation by Line) is a color television system adopted mainly in European countries and China.

Exif Print (Exif Version 2.32)

Exif Print is a newly revised digital camera file format in which information stored with photographs is used for optimal color reproduction during printing.

IMPORTANT NOTICE: Read Before Using the Software

Direct or indirect export, in whole or in part, of licensed software without the permission of the applicable governing bodies is prohibited.

Lenses and Other Accessories

- Use a screw 4.5 mm or shorter when attaching a tripod.
- Fujifilm will not be held liable for performance issues or damage caused by the use of third-party accessories.

NOTICES

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Please read the "Safety Notes" and make sure you understand them before using the camera.

Perchlorate Material—special handling may apply. See:
<http://www.dtsc.ca.gov/hazardouswaste/perchlorate>

For Customers in the U.S.A.

Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE



Contains IC : 7736B-02100008

Contains FCC ID : W22-02100008

FCC Statement: 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.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device, 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement: This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

Notes on the Grant: To comply with Part 15 of the FCC Rules, this product must be used with a Fujifilm-specified ferrite-core A/V cable, USB cable, and DC supply cord.



A lithium ion battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.



California Code of Regulations, Title 20, Division 2, Chapter 4, Article 4, Appliance Efficiency Regulations, Sections 1601 through 1609

For Customers in Canada

CAN ICES-003 (B)/NMB-003(B)

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

Industry Canada statement: This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios. The County Code Selection feature is disabled for products marketed in the US/ Canada.

Radiation Exposure Statement: The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. X half has been tested and found to comply with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules.

Operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Disposal of Electrical and Electronic Equipment in Private Households

In the European Union, Norway, Iceland and Liechtenstein: This symbol on the product, or in the manual and in the warranty, and/or on its packaging indicates that this product shall not be treated as household waste. Instead it should be taken to an applicable collection point for the recycling of electrical and electronic equipment.



By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

This symbol on the batteries or accumulators indicates that those batteries shall not be treated as household waste.



If your equipment contains easy removable batteries or accumulators please dispose these separately according to your local requirements.

The recycling of materials will help to conserve natural resources. For more detailed information about recycling this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

In Countries Outside the European Union, Norway, Iceland and Liechtenstein: If you wish to discard this product, including the batteries or accumulators, please contact your local authorities and ask for the correct way of disposal.

In Japan: This symbol on the batteries indicates that they are to be disposed of separately.



Li-ion

Caring for the Camera

To ensure continued enjoyment of the product, observe the following precautions.

Storage and Use

If the camera will not be used for an extended period, remove the battery and memory card. Do not store or use the camera in locations that are:

- exposed to rain, steam, or smoke
- very humid or extremely dusty
- exposed to direct sunlight or very high temperatures, such as in a closed vehicle on a sunny day
- extremely cold
- subject to strong vibration
- exposed to strong magnetic fields, such as near a broadcasting antenna, power line, radar emitter, motor, transformer, or magnet
- in contact with volatile chemicals such as pesticides
- next to rubber or vinyl products

Wireless Network and Bluetooth Devices: Cautions

This product complies with the following EU Directives:

- RoHS Directive 2011/65/EU
- RE Directive 2014/53/EU

Hereby, FUJIFILM Corporation declares that the radio equipment type FF240003 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://dl.fujifilm-x.com/doc/x-hf1_doc-mmt.pdf

The full text of the UK declaration of conformity is available at the following internet address:

https://dl.fujifilm-x.com/doc/x-hf1_doc-mmt_uk.pdf

This compliance is indicated by the following conformity marking placed on the product:



This marking is valid for non-Telecom products and EU harmonized Telecom products (e.g. Bluetooth®).

• **Maximum radio-frequency power (EIRP):**

WLAN 2.4 GHz: 13.23 dBm

WLAN 5 GHz: 13.69 dBm

Bluetooth: 5.89 dBm

IMPORTANT: Read the following notices before using the camera's built-in wireless transmitter.

- ① This product, which contains encryption function developed in the United States, is controlled by the United States Export Administration Regulations and may not be exported or re-exported to any country to which the United States embargoes goods.
- **Use only a wireless network or Bluetooth device.** Fujifilm does not accept liability for damages resulting from unauthorized use. Do not use in applications requiring a high degree of reliability, for example in medical devices or other systems that may directly or indirectly impact human life. When using the device in computer and other systems that demand a greater degree of reliability than offered by wireless network or Bluetooth devices, be sure to take all necessary precautions to ensure safety and prevent malfunction.
- **Use only in the country in which the device was purchased.** This device conforms to regulations governing wireless network and Bluetooth devices in the country in which it was purchased. Observe all location regulations when using the device. Fujifilm does not accept liability for problems arising from use in other jurisdictions.
- **Do not use the device in locations subject to magnetic fields, static electricity, or radio interference.** Do not use the transmitter in the vicinity of microwave ovens or in other locations subject to magnetic fields, static electricity, or radio interference that may prevent reception of wireless signals. Mutual interference may occur when the transmitter is used in the vicinity of other wireless devices operating in the 2.4 GHz band.
- **The wireless transmitter operates in the 2.4 GHz and 5 GHz bands using DSSS, OFDM and GFSK modulation.**
- **Security.** Wireless network and Bluetooth devices transmit data via radio and consequently their use requires greater attention to security than applies in the case of wired networks.
 - Do not connect to unknown networks or networks to which you do not have access rights, even if they are displayed on your device, as such access may be considered unauthorized. Connect only to networks to which you have access rights.
 - Be aware that wireless transmissions may be vulnerable to interception by third parties.
 - Do not connect this device directly to telecommunications networks (including public wireless LANs) operated by providers or mobile, landline, Internet, or other telecommunications services.
- **The following may be punishable by law:**
 - Disassembly or modification of this device
 - Removal of device certification labels

- **This device operates on the same frequency as commercial, educational, and medical devices and wireless transmitters.** It also operates on the same frequency as licensed transmitters and special unlicensed low-voltage transmitters used in RFID tracking systems for assembly lines and in other similar applications.
- **To prevent interference with the above devices, observe the following precautions.** Confirm that the RFID transmitter is not in operation before using this device. Should you observe that the device causes interference in licensed transmitters used for RFID tracking, immediately stop using the affected frequency or move the device to another location. If you notice that this device causes interference in low-voltage RFID tracing systems, contact a Fujifilm representative.
- **Do not use this device on board an aircraft.** When on an aircraft, follow the instructions of airline personnel. Note that this product may emit radio-frequency radiation even when off. This can be prevented by selecting **ON** for **AIRPLANE MODE** in the network/USB setting menu before boarding.
- Requirements in AT/BG/BG/CZ/DK/EE/FR/DE/IS/IE/IT/EL/ES/CY/LV/LT/LU/HU/MT/NL/NO/PL/PT/RO/SI/SK/TR/FI/SE/CH/UK/HR/ID. 5150 MHz–5350 MHz is for indoor use only.

Specific Absorption Rate (SAR) Information

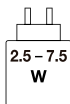
SAR is measured with the device at 0 mm to the body, while transmitting at the highest certified output power level in all frequency bands of the device. The maximum SAR value is 0.091 W/kg (head/body) averaged over 10 gram of tissue.

Charging specifications for this device

The power delivered by the charger must be between min 2.5 Watts required by the radio equipment, and max 7.5 Watts in order to achieve the maximum charging speed.

■ Cautions for AC charging

- ① This product does not include an AC adapter or USB cable.
- ② Use a USB-IF certified AC adapter or USB-C to USB-C cable when charging with the camera. An AC adapter of 7.5 W or more is recommended.
- ③ Be sure to read the manual for this product when charging with the camera.
- ④ Note that we do not guarantee that all commercially available AC adapters and USB cables can be used for charging.
- ⑤ If any issues arise when using a commercially available AC adapter, remove the plug from the power outlet and the cable from the camera, respectively, to disconnect the power supply.

**U.K. Importer:**

FUJIFILM UK Limited

Fujifilm House, Whitbread Way, Bedford, Bedfordshire, MK42 0ZE, United Kingdom

EU Importer:

FUJIFILM Electronic Imaging Europe GmbH

Fujistrasse 1, 47533 Kleve, Germany

Be sure to read these notes before using the lens

Safety Notes

- Make sure that you use the lens correctly. Read these safety notes and the camera *Basic Manual* carefully before use.
- After reading these safety notes, store them in a safe place.

About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.



WARNING

This icon indicates that death or serious injury can result if the information is ignored.



CAUTION

This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the instructions which are to be observed.



Triangular icons tell you that this information requires attention ("Important").



Circular icons with a diagonal bar tell you that the action indicated is prohibited ("Prohibited").



Filled circles with an exclamation mark indicate an action that must be performed ("Required").



WARNING



Do not immerse

Do not immerse in or expose to water. Failure to observe this precaution can cause a fire or electric shock.



Do not disassemble

Do not disassemble (do not open the case). Failure to observe this precaution can cause fire, electric shock, or injury due to product malfunction.



Do not touch internal parts

Should the case break open as the result of a fall or other accident, do not touch the exposed parts. Failure to observe this precaution could result in electric shock or in injury from touching the damaged parts. Remove the battery immediately, taking care to avoid injury or electric shock, and take the product to the point of purchase for consultation.



WARNING



Do not place on unstable surfaces. The product may fall, causing injury.



Do not view the sun through the lens or camera viewfinders. Failure to observe this precaution can cause permanent visual impairment.



CAUTION



Do not use or store in locations that are exposed to steam, or smoke or are very humid or extremely dusty. Failure to observe this precaution can cause fire or electric shock.



Do not leave in direct sunlight or in locations subject to very high temperatures, such as in a closed vehicle on a sunny day. Failure to observe this precaution can cause fire.



Keep out of the reach of small children. This product could cause injury in the hands of a child.



Do not handle with wet hands. Failure to observe this precaution can cause electric shock.



Keep the sun out of the frame when shooting backlit subjects. Sunlight focused into the camera when the sun is in or close to the frame can cause fire or burns.



When the product is not in use, replace the lens caps and store out of direct sunlight. Sunlight focused by the lens can cause fire or burns.



Do not carry the camera or lens while they are attached to a tripod. The product can fall or strike other objects, causing injury.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Notes on the Built-in Battery

- This product contains a non-replaceable battery.
- The compatible battery type: ML414H
- The nominal battery voltage: 3V
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children.
Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Do not force discharge, disassemble, heat above 60°C or incinerate.
Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

Statement of Compliance

Manufacturer:	FUJIFILM Corporation
Address:	7-3, Akasaka 9-Chome Minato-Ku, Tokyo 107-0052, JAPAN
UK Authorized Representative:	FUJIFILM UK Limited
Address:	Fujifilm House, Whitbread Way, Bedford, Bedfordshire, MK42 0ZE, United Kingdom
Trade Mark:	FUJIFILM
Product Name:	DIGITAL CAMERA
Product Model Number:	FF240003
Model Number:	X-HF1
Support period:	<u>Seven years after the end of production</u> For details, refer to the website shown below. https://repairs.fujifilm.eu/en/repairable-products/

We, Fujifilm Corporation, herewith declare under our sole responsibility that the product(s) identified in this declaration conforms to the applicable security requirements in Schedule 1 of the following Regulations and Standards.

Regulations:	The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023
Standards:	ETSI EN 303 645 V2.1.1 (2020-06) (provision 5.1-1, 5.1-2, 5.2-1, 5.3-13)
Place: JAPAN	 (Signature)
Date: April 9, 2025	(Name, Function) Akihiro Kobayashi General Manager of Quality Assurance Group, Imaging Solutions Division FUJIFILM Corporation

Product Care

To ensure continued enjoyment of the product, observe the following precautions.

- Use a soft, dry cloth to clean the camera body and accessories after each use. Do not use alcohol, thinner, benzene, insecticide or other volatile chemicals, which could discolor (particularly leather on the camera body and accessories), deteriorate, or deform the product, or strip the paint.
- Any liquid on the camera or accessories should be removed immediately with a soft, dry cloth.
- Use a blower brush or similar tool to remove dust from the monitor and then gently wipe with a soft, dry cloth. Any remaining stains can be gently removed with a small amount of lens-cleaning fluid on a piece of Fujifilm lens-cleaning paper.
- The monitor surface is delicate and prone to scratches; use with caution around hard objects.
- Replace the lens cap before putting the camera away.

Firmware Updates

When the firmware has been updated, and features have been added and/or changed, update the firmware.



After updating to the latest firmware, the features of the camera may differ somewhat from what is listed in this manual.

Downloading Firmware

First download the latest firmware and save it to a memory card. For the method to download the firmware, refer to the following website.

<https://fujifilm-x.com/support/download/firmware/cameras/>

Updating Firmware

Firmware can be updated in the following ways.

Updating the Firmware From the Setup Menus

Insert a memory card containing the new firmware into the camera. Select **USER SETTING > FIRMWARE UPDATE** to update the firmware.

Updating the Firmware Using a Smartphone App (manual update)

If you are using a smartphone app, you can update the firmware from the app. For details, refer to the following website.

<https://fujifilm-dsc.com/>



- Use a battery with a sufficient charge to update the firmware. Do not turn off or operate the camera during an update. If the camera is turned off during a firmware update, the camera may no longer operate normally.
- The time required for a firmware update depends on the size of the firmware. At most, it may take about 10 minutes.
- It is not possible to return to a previous version after the firmware has been updated.
- If an error message appears while the firmware is being updated, refer to the following website.

https://fujifilm-dsc.com/en-int/manual/error_message_recovery/

Troubleshooting

Consult the table below should you encounter problems using your camera. If you don't find the solution here, contact your local Fujifilm distributor.

Power and Battery

Power and Battery

Problem	Solution
The camera does not turn on.	• The battery is not charged at shipment. Charge the battery before first use. • Charge the battery or insert a fully-charged spare battery (📖 32). • Reinsert in the correct orientation (📖 27). • Latch the battery-chamber cover.
The battery runs down quickly.	• When using the battery in a low-temperature environment, keep it warm in your pocket or elsewhere and install it just before shooting. • Adjust the brightness of the display using  SCREEN SET-UP > LCD BRIGHTNESS. • Change the  POWER MANAGEMENT setting.

Problem	Solution
The camera turns off suddenly.	• Check whether the battery is running out of power (📖 37). • When the time is set in POWER MANAGEMENT > AUTO POWER OFF, the camera will automatically turn off after that time has elapsed. • When the camera temperature becomes high, it will automatically turn off (📖 142).
The camera does not turn off.	Check the indicator lamp (📖 7).

Charging

Problem	Solution
Charging does not start (USB).	• Charging will not start when the camera is turned on. Turn off the power. • Charging will not start when the battery is fully charged. • Check the connection status of your computer, USB cables, and the camera. • When charging from a computer, make sure that the computer is turned on. • When the battery temperature is low or high, charging will not start for safety reasons. Wait for the battery temperature to return to normal temperature before charging again.

Problem	Solution
Charging is slow.	- When the battery temperature is low or high, charging may be slow for safety reasons. Wait for the battery temperature to return to normal temperature before charging again. - Use a USB PD compatible power supply with an output of 30 W or more to shorten the charging time.
The indicator lamp blinks, but the battery does not charge.	Clean the terminals with a soft, dry cloth (📖 27).

Power Supply

Problem	Solution
The power supply icon is not displayed.	Confirm that POWER SUPPLY ON/COMM OFF is selected for USB POWER SUPPLY/COMM SETTING .

Menus and Displays

Problem	Solution
Display is not in English.	Select ENGLISH for USER SETTING > 言語/LANG. (📖 41, 126).

Shooting

Basic Photography

Problem	Solution
No picture is taken when the shutter button is pressed.	• Check whether the storage media is set correctly. • Check whether the write-protect switch on the memory card is not set to the lock position. • Check the free space on the storage media. • Select ON for ■ BUTTON/DIAL SETTING > SHOOT WITHOUT CARD when shooting without a memory card.

Movie Recording

Problem	Solution
Video recording ended unexpectedly.	Recording may stop if the writing speed of the storage media is slow. A list of supported storage media is available on the Fujifilm website. For details, refer to "COMPATIBILITY (Cameras)". https://fujifilm-x.com/support/compatibility/cameras/

Face Detection

Problem	Solution
No face is detected.	• Remove the obstructions. • Change the composition so that the subject's face occupies a larger area of the frame. • Ask the subject to face the camera. • Select FACE DETECTION ON for  AF/MF SETTING >  FACE/EYE DETECTION SETTING. • Keep the camera level. • Shoot in better light.

Flash

Problem	Solution
The flash does not fire.	Set the flash switch to  .
The flash does not fully light the subject.	• Position the subject in range of the flash. • Hold the camera correctly.

Abnormalities in Pictures Taken

Problem	Solution
The picture is out of focus. The picture is blurry.	• Set the focus mode to a mode other than manual focus. • Use a tripod when taking pictures. Also, it is recommended to use the self-timer shooting function. • When shooting handheld, hold the camera steady and gently press the shutter-release button to avoid camera shake. • The shutter speed may be slower in dark places. Use a faster shutter speed, increase the ISO sensitivity, or use a flash. • Shoot with focus and exposure locked.
The camera records images of things that do not exist, or the subject is recorded distorted.	• Certain phenomena that are not visible to the naked eyes may be recorded in images due to the reflection of light and other circumstances. • The Q&A section of our website provides examples of such phenomena that may occur depending on the characteristics of the camera system and the light beams. It may be possible to control the occurrence of the phenomenon by using different shooting methods, so refer to our website.
Pictures are mottled.	This is normal and does not indicate a malfunction.* * X-rays, cosmic rays, and other forms of radiation interacting with the image sensor may cause bright spots of various colors such as white, red, and blue.
Noise is recorded in the picture.	Turn off the power for a while before using (📖 36, 179).

Playback

Full-Frame Playback

Problem	Solution
Pictures are grainy. Playback zoom is unavailable.	The pictures were taken with a different make or model of camera.

Movie Playback

Problem	Solution
No sound in movie playback.	- Adjust playback volume (📖 134). - Do not block the microphone during movie recording. - Do not block the speaker during playback.

Deletion

Problem	Solution
Selected pictures are not deleted. Pictures remain after ERASE > ALL FRAMES is selected.	Some of the pictures selected for deletion are protected. Remove protection using the device with which it was originally applied (📖 82).

Frame Number

Problem	Solution
File numbering is unexpectedly reset.	The battery-chamber cover was opened while the camera was on. Turn the camera off before opening the battery-chamber cover (📖 143).

During Connection

Connecting to Computers

Problem	Solution
The computer does not recognize the camera.	• Check the USB cable and reconnect it correctly (📖 92). • Set the connection mode according to your intended use in advance before connecting the camera. • Set the camera connection mode compatible with the application used on the computer. Also, check the settings of the application on the computer.

Wireless Transfer

For additional information on troubleshooting wireless connections, visit:

<https://digitalcamera-support-en.fujifilm.com/>

Problem	Solution
Cannot connect to smartphone. The camera is slow to connect or upload pictures to the smartphone. Upload fails or is interrupted.	• Move the devices closer (📖 89). • Use the camera away from devices that emit radio waves.
Cannot upload images.	• The smartphone and camera can connect to only one device at a time. End the connection and try again (📖 89). • Try connecting again. The presence of multiple smartphones can make connection difficult. • The camera may not be able to upload images created on other devices. • Uploading movies takes some time. In addition, smartphones may not accept upload of movies in formats they do not support.

Miscellaneous

Camera Operation

Problem	Solution
The camera is unresponsive.	- Remove and reinsert the battery (📖 27). - Charge the battery or insert a fully-charged spare battery (📖 32). - Check the USB or LAN connection mode. - Check the lighting status of the indicator lamp. If the problem persists, reinsert the battery and check whether the camera operates.
The camera does not function as expected.	Remove and reinsert the battery (📖 27). If the problem persists, contact your Fujifilm dealer.

Sound

Problem	Solution
No sound.	Adjust the volume (📖 132).

Warning Messages and Displays

The following warnings appear in the display.

Warning	Description
 (red)	Low battery. Charge the battery or insert a fully-charged spare battery.
 (blinks red)	Battery exhausted. Charge the battery or insert a fully-charged spare battery.
! AF (displayed in red with red focus frame)	The camera cannot focus. Use focus lock to focus on another subject at the same distance, then recompose the picture.
Aperture or shutter speed displayed in red	The subject is too bright or too dark and the picture will be over- or under-exposed. Use the flash for additional lighting when taking photographs of poorly-lit subject.
FOCUS ERROR	Camera malfunction. Turn the camera off and turn the camera on again. If the problem persists, contact a Fujifilm dealer.
TURN OFF THE CAMERA AND TURN ON AGAIN	

Warning	Description
CARD NOT INITIALIZED	• The memory card is not formatted or the memory card has been formatted in a computer or other device: Format the memory card using  USER SETTING > FORMAT. • The memory card contacts require cleaning: Clean the contacts with a soft, dry cloth. If the message is repeated, format the card. If the message persists, replace the card. • Camera malfunction: Contact a Fujifilm dealer.
CARD ERROR	• The memory card is not formatted for use in the camera: Format the card. • The memory card contacts require cleaning or the memory card is damaged: Clean the contacts with a soft, dry cloth. If the message is repeated, format the card. If the message persists, replace the card. • Incompatible memory card: Use a compatible card. • Camera malfunction: Contact a Fujifilm dealer.

Warning	Description
PROTECTED CARD	The memory card is locked. Unlock the card.
BUSY	The memory card is incorrectly formatted. Use the camera to format the card.
SD MEMORY FULL	The memory card is full and pictures cannot be recorded. Delete pictures or insert a memory card with more free space.
WRITE ERROR	• Memory card error or connection error: Reinsert the card or turn the camera off and then on again. If the message persists, contact a Fujifilm dealer. • Not enough memory remaining to record additional pictures: Delete pictures or insert a memory card with more free space. • The memory card is not formatted: Format the memory card. • The memory card was removed while data were being recorded: Do not remove the memory card during recording. • The memory card write speed is slow: When recording movies, be sure the memory card write speed is fast enough.

Warning	Description
FRAME NO. FULL	The camera has run out of frame numbers (current frame number is 999-9999). Insert a formatted memory card and select RENEW for  SAVE DATA SET-UP > FRAME NO. Take a picture to reset frame numbering to 100-0001, then select CONTINUOUS for FRAME NO.
READ ERROR	• The file is corrupt or was not created with the camera: The file cannot be viewed. • The memory card contacts require cleaning: Clean the contacts with a soft, dry cloth. If the message is repeated, format the card. If the message persists, replace the card. • Camera malfunction: Contact a Fujifilm dealer.
PROTECTED FRAME	An attempt was made to delete a protected picture. Remove protection and try again.

Warning	Description
DPOF FILE ERROR	Print orders can contain no more than 999 pictures. Copy any additional pictures you wish to print to another memory card and create a second print order.
CAN NOT SET DPOF	The picture cannot be printed using DPOF.
 CAN NOT SET DPOF	Movies cannot be printed using DPOF.
 CANNOT EXECUTE	The selected operation is not supported: Check whether the picture was recorded with a different model of camera.
 CANNOT EXECUTE	
 (yellow) CAMERA IS APPROACHING STANDARD TEMPERATURE LIMIT	The camera is approaching the maximum temperature allowed when STANDARD is selected for AUTO POWER OFF TEMP. and will shortly turn off automatically. Turn the camera off and wait for it to cool.
 (yellow) CAMERA IS APPROACHING HIGH TEMPER- ATURE LIMIT.DO NOT HOLD CAMERA FOR LONG PERIODS OF TIME	The camera is approaching the maximum temperature allowed when HIGH is selected for AUTO POWER OFF TEMP. and will shortly turn off automatically. Remaining in contact with the camera could result in low-temperature burns; mount the camera on a tripod or take other steps to avoid prolonged contact with the camera. The camera will shortly turn off automatically. Turn the camera off and wait for it to cool. Mottling may increase in pictures taken when this warning is displayed.
 (red) HIGH TEMPERATURE LIMIT REACHED SHUTTING DOWN	The camera temperature has reached the cutoff point and the camera is about to turn off automatically. Turn the camera off and wait for it to cool. Mottling may increase in pictures taken when this warning is displayed.

Memory Card Capacity

The following table shows the recording time or number of pictures available at different image sizes. All figures are approximate; file size varies with the scene recorded, producing wide variations in the number of files that can be stored. The number of exposures or length remaining may not diminish at an even rate.

Capacity		SD memory cards
		64 GB
		FINE
Photos	 3:4	5850
Movies	 1080	697 minutes



The continuous recording time for a single movie is 60 seconds.

Specifications

System

Model	FUJIFILM X half
Product Number	FF240003
Effective pixels	Approx. 17.74 million
Image sensor	13.3 mm × 8.9 mm (1 in.), primary color filter
Storage media	Fujifilm-recommended SD/SDHC/SDXC memory cards
Memory card slots	SD memory card slot (UHS-I compliant)
File system	• Still pictures: Compliant with DCF 2.0 • Compressed: Exif 2.31 JPEG-baseline compliant; DPOF non-compliant • Movies: Compliant with H.264 • Audio: - LPCM (two channels: 16-bit, 48 kHz sampling) - AAC (MP4 recordings only)

System

Image size

- **Still Image**

L 3:4 (3648 × 4864)

S 3:4 (1080 × 1440)

M 3:4 (2160 × 2880)

- **Still Image (1:1 frame combiner)**

L 1:1 (4864 × 4864)

S 1:1 (1440 × 1440)

M 1:1 (2880 × 2880)

- **2-in-1 shooting**

L 3:2 (7296 × 4864)

S 3:2 (2160 × 1440)

M 3:2 (4320 × 2880)

- **2-in-1 shooting (1:1 frame combiner)**

L 1:1 (7296 × 7296)

S 1:1 (2160 × 2160)

M 1:1 (4320 × 4320)

Lens

- **Type:** FUJINON fixed focal length lens
- **Focal length:** f=10.8 mm (35 mm format equivalent: 32 mm)
- **Maximum aperture:** F2.8

Minimum focus distance (measured from the front of the lens)

Approx. 0.1 m/0.3 ft.

Sensitivity

- **Still pictures:** Standard output sensitivity equivalent to ISO 200–12800 in increments of 1/3 EV; AUTO 1–3
- **Movies:** Standard output sensitivity equivalent to ISO 200–12800 in increments of 1/3 EV; AUTO

Metering

256-segment through-the-lens (TTL) metering; MULTI

Exposure control

Programmed AE; shutter-priority AE; aperture-priority AE; manual exposure

Exposure compensation

- **Still pictures:** −3 EV–+3 EV in increments of 1/3 EV
- **Movies:** −2 EV–+2 EV in increments of 1/3 EV

System	
Shutter speed	• MECHANICAL SHUTTER - Mode P: $\frac{1}{4}$ s to $\frac{1}{2000}$ s - Mode A: 30 s to $\frac{1}{2000}$ s - Modes S and M: 15 min. to $\frac{1}{2000}$ s
Continuous	—
Focus	• Mode: Single or continuous AF; manual focus with focus ring • Autofocus system: TTL contrast-detect AF with AF-assist illuminator • Focus-area selection: - Still pictures: SINGLE POINT, AREA - Movies: MULTI, AREA
White balance	Auto, color temperature selection, direct sunlight, shade, daylight fluorescent, warm white fluorescent, cool white fluorescent, incandescent, underwater
Self-timer	• Still pictures: Off, 2 sec., 10 sec. • Movies: Off, 3 sec., 5 sec., 10 sec.
Flash	Type: LED flash
Hot shoe	—
Sync contact	—
Sync terminal	—
Optical viewfinder (OVF)	Reverse Galilean viewfinder and approx. 0.38× magnification
Electronic viewfinder (EVF)	—
LCD monitor	2.4-in/6.1 cm, 920k-dot color touchscreen LCD monitor

System

Movies

(with stereo sound)

- **Image size:**
 - Single: **FHD** 3:4
 - 2-in-1 shooting: **FHD** 3:2
 - 1:1 frame combiner: **FHD** 1:1
- **Frame rate:** 24P
- **Recording/output format:** H.264 (8-bit MOV/MP4 4:2:0; 50, 20, or 10Mbps)

Slow-motion movies

- **Image size:**
 - Single: **FHD** 3:4
 - 2-in-1 shooting: **FHD** 3:2
 - 1:1 frame combiner: **FHD** 1:1
- **Frame advance rate:** 28P (120%), 36P (150%), 48P (200%)

Input/output terminals

Headphone jack socket

The USB connector can be converted to a headphone jack using the supplied headphone adapter

Digital input/output

USB connector: USB Type-C® USB2.0

Power supply/other**Power supply** NP-W126S rechargeable battery (supplied with camera)**Battery life**

- **Battery type:** NP-W126S
- **Shooting mode:** Mode P

Number of shots		
PERFORMANCE	LCD	OVF
NORMAL	Approx. 510	Approx. 880
ECONOMY	Approx. 560	Approx. 880

Total length of footage that can be recorded on a single charge		
Mode	Actual battery life of movie capture	Continuance battery life of movie capture
[FHD]	Approx. 95 minutes	Approx. 165 minutes
Slow-motion movies*	Approx. 85 minutes	—

* At a frame rate of 48 fps.

CIPA standard. Measured using battery supplied with camera and SD memory card.

Note: Battery endurance varies with battery charge level and the figures given above are not guaranteed. Battery endurance will decline at low temperatures.

Power supply/other

Camera size (W × H × D)	105.8 mm × 64.3 mm × 45.8 mm (30.0 mm excluding projections, measured at thinnest part)/4.17 in. × 2.53 in. × 1.80 in. (1.18 in.)
Camera weight	Approx. 191 g/6.7 oz., excluding battery, accessories, and memory card
Shooting weight	Approx. 240 g/8.5 oz., including battery and memory card
Operating conditions	• Temperature: 0 °C to +40 °C/+32 °F to +104 °F (+5 °C to +40 °C/+41 °F to +104 °F when battery is charging) • Humidity: 10% to 80% (no condensation)

Wireless transmitter

Wireless LAN

Standards	IEEE 802.11a/b/g/n/ac (standard wireless protocol)
Operating frequency (center frequency)	• USA, Canada, Brazil, China, India, Korea, Malaysia, Indonesia : 2,412 MHz–2,462 MHz (11 channels) : 5,180 MHz–5,240 MHz (W52) • European Union, Japan, United Kingdom, Australia, Norway, New Zealand, Turkey, Hong Kong, Philippines, Vietnam, Singapore, Thailand, UAE, Russia, Taiwan, Saudi Arabia, Qatar, Bahrain, Oman, Egypt, Iran, Kuwait, Lebanon, Uzbekistan, Israel : 2,412 MHz–2,462 MHz (11 channels) : 5,180 MHz–5,240 MHz (W52)
Access protocols	Infrastructure

Bluetooth®

Standards	Bluetooth version 5.2 (Bluetooth Low Energy)
Operating frequency (center frequency)	2,402 MHz–2,480 MHz

NP-W126S rechargeable battery

Nominal voltage	7.2 V
Nominal capacity	1260 mAh
Operating temperature	0 °C to +40 °C/+32 °F to +104 °F
Dimensions (W × H × D)	36.4 mm × 47.1 mm × 15.7 mm/1.4 in. × 1.9 in. × 0.6 in.
Weight	Approx. 47 g/1.7 oz.



Specifications and performance are subject to change without notice. Fujifilm will not be held liable for any errors this manual may contain. The appearance of the product may differ from that described in this manual.

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FUJIFILM

FUJIFILM Corporation

7-3, AKASAKA 9-CHOME, MINATO-KU, TOKYO 107-0052, JAPAN

<https://fujifilm-x.com>

