

FUJIFILM

DIGITAL CAMERA

X-S20

New Features Guide

Version 3.30

Features added or changed as a result of firmware updates may no longer match the descriptions in the documentation supplied with this product. Visit our website for information on the updates available for different products:












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











Contents

The features listed below have been added, deleted, or updated in X-S20 firmware version 3.30. For the latest manuals, visit the following website.

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

! A firmware update resets the **CONNECTION MODE** setting in the network/USB setting menu to the default value if **WIRELESS TETHER SHOOTING FIXED** is selected. Configure the settings again according to the external device to be connected.

No.	Description	X-S20 	See 	Ver.
1	  WIRELESS COMMUNICATION has been deleted from  SHOOTING SETTING ,  MOVIE SETTING , and  PLAY BACK MENU .	177 201 239	—	3.30
2	instax PRINTER PRINT has been deleted from  PLAY BACK MENU .	243 246 257	—	
3	The pairing procedure between the camera and smartphone has been changed.	247	1	
4	instax PRINTER CONNECTION SETTING has been deleted from the network/USB setting menu.	256 265	—	
5	WIRELESS COMMUNICATION has been deleted from the features that can be assigned in  BUTTON/DIAL SETTING > FUNCTION (Fn) SETTING and POWER ZOOM LENS FUNCTION (Fn) SETTING .	290 319 324 326	—	
6	 WIRELESS COMMUNICATION has been deleted from  BUTTON/DIAL SETTING > ISO BUTTON SETTING .	297	—	
7	The “instax SHARE Printers SP-1/SP-2/SP-3” accessories from Fujifilm are no longer supported.	351	—	

No.	Description	X-S20 	See 	Ver.
8	<p> BUTTON/DIAL SETTING > LENS ZOOM/ FOCUS SETTING > FOCUS RING OPERATION has been renamed  FOCUS RING OPERATION and  FOCUS RING OPERATION. Along with this change, the rotation angle of the focus ring can now be set in the LINEAR setting.</p>	294	3	3.20
9	<p> REALA ACE option has been added to  IMAGE QUALITY SETTING > FILM SIMULATION in the photo menu and  IMAGE QUALITY SETTING > FILM SIMULATION in the movie menu.</p>	132 202	5	3.00
10	<p>Photos and movies can now be uploaded to Frame.io. Accordingly, Frame.io Camera to Cloud has been added to the network/USB setting menu, and the content of the NETWORK SETTING has been changed.</p>	10 12 220 246 258 265	7 8 9 10 12 19 21	
11	<p>WIDE/TRACKING has been added under  AF MODE in  AF/MF SETTING.</p>	206	22	2.00
12	<p>CONNECT WHILE POWER OFF has been added under Bluetooth/SMARTPHONE SETTING in the network/USB setting menu.</p>	262	23	
13	<p>RAW has been added under Bluetooth/SMARTPHONE SETTING > SELECT FILE TYPE in the network/USB setting menu.</p>	264	24	
14	<p>FIRMWARE UPDATE has been added under  USER SETTING in the setup menu, and the firmware update method has been changed.</p>	273 368	24 25	

Changes and Additions


Changes and additions are as follows.

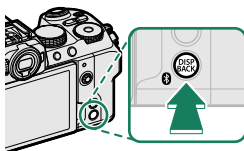
X-S20 Owner's Manual: 247



Ver. 3.30

Connecting to a Smartphone

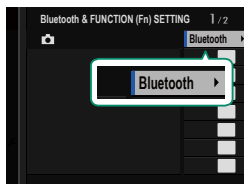
Pair the camera with the smartphone and connect via Bluetooth®.

- 1 Press the  (Bluetooth) button when the camera is in shooting mode.

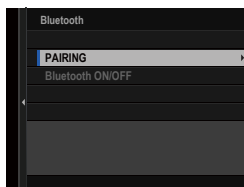


 You can also proceed directly to Step 3 by holding the  button during playback.

- 2 Highlight **Bluetooth** and press **MENU/OK**.

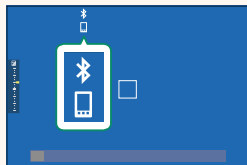


- 3 Highlight **PAIRING** and press **MENU/OK**.



- 4 Launch the app on the smartphone and pair it with the camera to display a code on the smartphone and the camera. Confirm that both codes match to pair.

A smartphone icon and a white Bluetooth icon will appear in the camera display 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.

LENS ZOOM/FOCUS SETTING** FOCUS RING OPERATION**

Adjust settings for the focus shift when operating the focus ring during still photography.

NONLINEAR

Focus is adjusted at the same rate as the ring is rotated.

LINEAR

Focus is adjusted linearly according to the amount the ring is rotated. The rotation angle of the focus ring can also be set when focusing between the minimum focus distance and infinity.

Option	Description
DEFAULT	Disable the settings for the maximum rotation angle of the focus ring. The maximum rotation angle varies depending on the lens.
90°/180°/270°/360°	Set the maximum rotation angle of the focus ring. Select CUSTOM 1 , CUSTOM 2 , or CUSTOM 3 to set the rotation angle from 60° to 90° in 10° increments.
CUSTOM 1	
CUSTOM 2 CUSTOM 3	

FOCUS RING OPERATION

Adjust settings for the focus shift when operating the focus ring during movie recording.

NONLINEAR

Focus is adjusted at the same rate as the ring is rotated.

LINEAR













Focus is adjusted linearly according to the amount the ring is rotated. The rotation angle of the focus ring can also be set when focusing between the minimum focus distance and infinity.










Option	Description
DEFAULT	Disable the settings for the maximum rotation angle of the focus ring. The maximum rotation angle varies depending on the lens.
90°/180°/270°/360° CUSTOM 1 CUSTOM 2 CUSTOM 3	Set the maximum rotation angle of the focus ring. Select CUSTOM 1 , CUSTOM 2 , or CUSTOM 3 to set the rotation angle from 60 ° to 900 ° in 10 ° increments.

FILM SIMULATION

 FILM SIMULATION

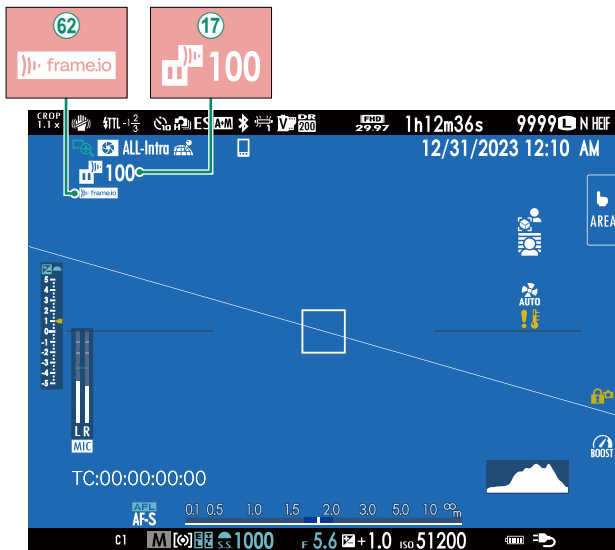
Simulate the effects of different kinds of film, including black-and-white (with or without color filters). Choose a palette according to your subject and creative intent.

Option	Description
 AUTO	The camera will automatically select the best film simulation mode according to the scene. This option is available when the mode dial is set to AUTO .
 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.
 REALIA ACE	Faithful color reproduction with hard tonality suitable for various scenes.
 PRO Neg. Hi	Ideal for portrait with slightly enhanced contrast.
 PRO Neg. Std	Neutral tonality, best for editing images. Ideal for portrait with soft gradations and skin tones.
 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.
 ETERNA BLEACH BYPASS	Unique color with low saturation and high contrast. Suitable for still and movie.

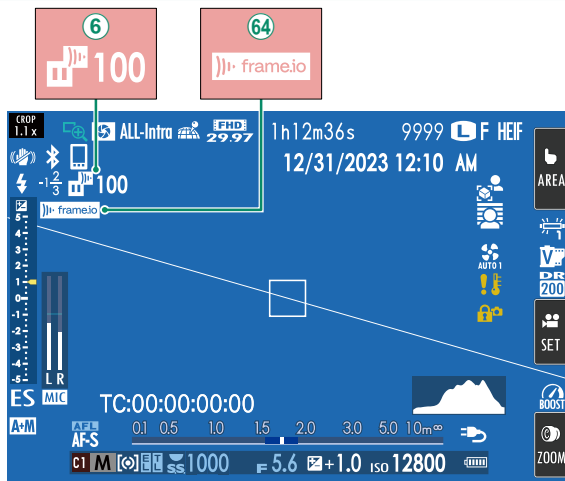
Option	Description
 ACROS	<p>Shoot in Black and White In rich details with sharpness. Available with yellow (Ye), red (R), and green (G) filters, which deepen shades of gray corresponding to hues complementary to the selected color.</p> <ul style="list-style-type: none"> •  ACROS+Ye FILTER: Slightly enhances contrast and darkens skies. •  ACROS+R FILTER: Enhances contrast and darkens skies considerably. •  ACROS+G FILTER: Produces pleasing skin tones in portrait.
 MONOCHROME	<p>Shoots in black and white. Available with yellow (Ye), red (R), and green (G) filters, which deepen shades of gray corresponding to hues complementary to the selected color.</p> <ul style="list-style-type: none"> •  MONOCHROME+Ye FILTER: Slightly enhances contrast and darkens skies. •  MONOCHROME+R FILTER: Enhances contrast and darkens skies considerably. •  MONOCHROME+G FILTER: Produces pleasing skin tones in portrait.
 SEPIA	<p>Shoots in sepia tone.</p>



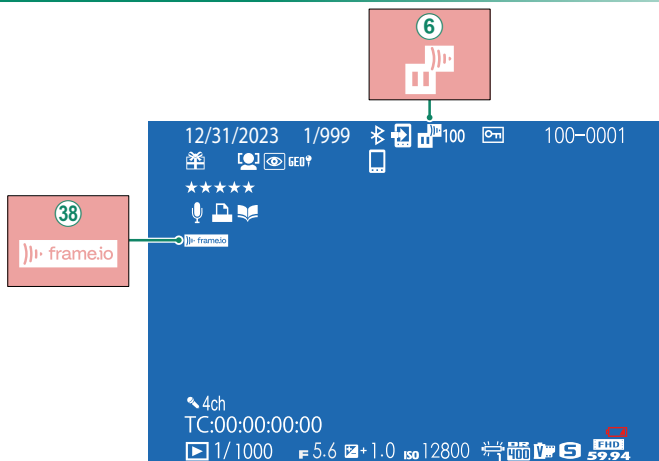
- Film simulation options can be combined with tone and sharpness settings.
- Film simulation settings can also be accessed via shortcuts.
- For more information, visit:
<https://fujifilm-x.com/products/film-simulation/>



- ①7 The camera displays icons showing the status of files selected for or currently undergoing upload to Frame.io.
- ⑥2 The camera displays an icon showing the status of the connection to Frame.io.



- ⑥ The camera displays icons showing the status of files selected for or currently undergoing upload to Frame.io.
- ⑥4 The camera displays an icon showing the status of the connection to Frame.io.



- ⑥ The camera displays icons showing the status of files selected for or currently undergoing upload to Frame.io.
- ③⑧ The camera displays an icon showing the status of the connection to Frame.io.

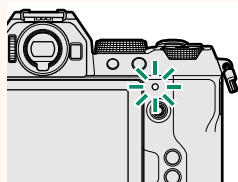
Supported Features

This camera supports the following features:

Feature	Description
Connecting to the smartphone app	Connect to smartphones via Bluetooth® and upload pictures or control the camera remotely while the smartphone displays the view through the lens.
USB card readers	Connect a card reader to a computer or smartphone via USB and copy pictures from memory cards.
Web camera	Connect the camera to a computer via USB for use as a webcam.
instax printers	Print pictures on connected instax printers.
Tethered photography	Take pictures from a computer to which the camera is connected ("tethered") via wireless LAN or USB.
Upload to Frame.io	Upload files to Frame.io.
RAW processing	Harness the power of the camera's image processing engine when processing RAW pictures on a computer.
Saving and Loading Settings	Save camera settings to, or load existing settings from, a computer or smartphone.

Camera indicator lamp display

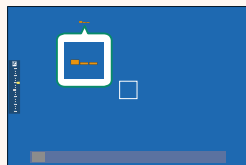
The camera indicator lamp shows the status of its connection to Frame.io and the like.






Indicator lamp	Connection status
Blinks red	No network connection.
Glow red	No network connection; pictures awaiting upload.
Blinks orange	Connected to network but not to Frame.io.
Blinks orange and red	Connected to network but not to Frame.io; pictures awaiting upload.
Blinks green	Ready for upload to Frame.io.
Blinks green and red	Ready for upload to Frame.io; pictures awaiting upload.

The EVF/LCD Displays

The status of the connection to Frame.io and the like is also shown by an icon in the electronic viewfinder or LCD monitor.



Icon	Connection status
	No network connection.
	Connected to network but not to Frame.io.
	Ready for upload to Frame.io.

Uploading Files to Frame.io

Upload files to Frame.io.

- Confirm that the camera clock is set to the correct time and date before proceeding.

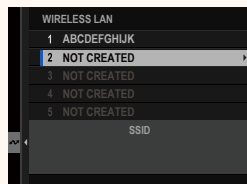
Connecting via Wireless LAN

Connect to Frame.io via wireless LAN.

- 1 Select **NETWORK SETTING** in the network/USB setting menu.

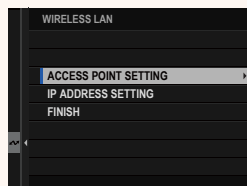
- 2 Select **NOT CREATED**.

- You can also select or edit existing network.



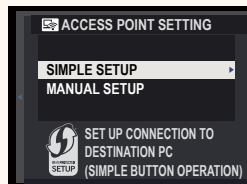
- 3 Select **ACCESS POINT SETTING**.

Select **IP ADDRESS SETTING** to choose the IP address manually as described in “Connecting Using an IP Address” (14).




- 4 Select **SIMPLE SETUP**.

- To select a wireless LAN router or enter the router SSID manually, choose **MANUAL SETUP**.

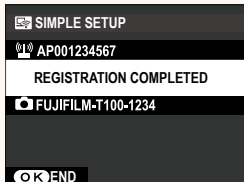


- 5 Follow the on-screen instructions to ready the wireless LAN router.

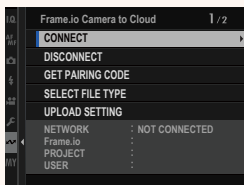
 You also have the option of connecting using a PIN. Display the camera PIN by pressing the focus stick (focus lever) up and enter it on the wireless LAN router.



- 6 Press **MENU/OK** when setup is complete.

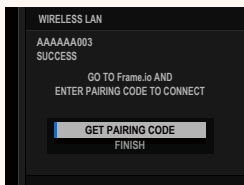


- 7 Select **Frame.io Camera to Cloud > CONNECT** in the network/USB settings menu.



- 8 Once connected, select **GET PAIRING CODE**.

A pairing code will be displayed.



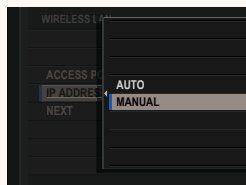
- 9 Sign in to Frame.io from a computer or other device and enter the pairing code displayed on the camera.
- 10 Upload files to Frame.io (📖 17).

Connecting Using an IP Address

Connect to Frame.io using a manually-created network/USB setting profile giving the IP address and other network settings.

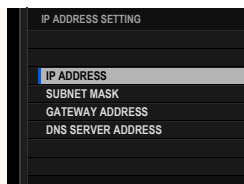
1 Select **MANUAL**.

- 📦 Select **AUTO** to assign the camera an IP address automatically.

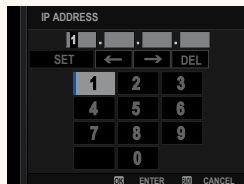


2 Enter an IP address.

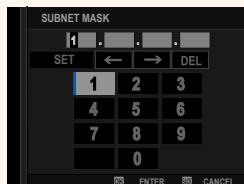
- Select **IP ADDRESS** and enter an IP address.



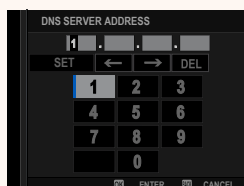
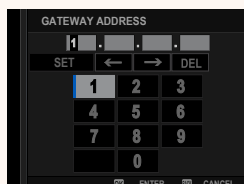
- Select **SUBNET MASK** and enter a subnet mask.



- Select **GATEWAY ADDRESS** and enter a gateway address.

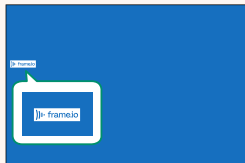






- Select **DNS SERVER ADDRESS** and enter a DNS server address.



Connection Status

The status of the connection to Frame.io is shown by an icon in the electronic viewfinder or LCD monitor.

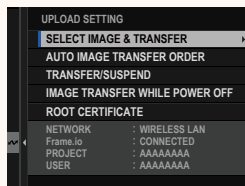


Icon	Connection status
 (white)	Connected to Frame.io.
 (amber)	Camera has temporarily suspended upload to Frame.io. To resume, select Frame.io Camera to Cloud > UPLOAD SETTING > TRANSFER/SUSPEND > TRANSFER.
 (gray)	Not connected to Frame.io.
 (red)	Frame.io server has set camera status to "paused". To restore connection, clear "paused" status using computer or other device.

Uploading Items to Frame.io

Uploading Selected Items Using "Frame.io Camera to Cloud"

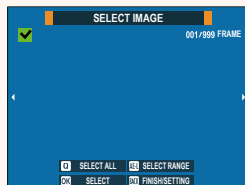
- 1 Select **Frame.io Camera to Cloud** in network/USB settings menu.
- 2 Select **UPLOAD SETTING > SELECT IMAGE & TRANSFER**.



- The **NETWORK** and **Frame.io** field show the status of the connection to Frame.io.
- The **PROJECT** and **USER** fields show information supplied to Frame.io using a computer or other device. Note that some characters may not display correctly, in which case they will be replaced by question marks ("?").

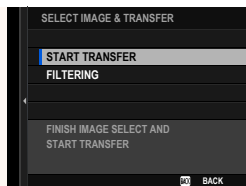
- 3 Mark items for upload. Highlight photos and movies and press **MENU/OK** to mark them for upload.

- To display only items that meet selected criteria, press **DISP/BACK** before marking begins.
- To select all items, press the **Q** button.
- Selecting any two items with the **AEL** button also selects all items between them.



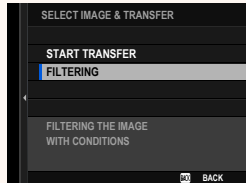
4 Press **DISP/BACK** and select **START TRANSFER**.


The selected items will be uploaded to Frame.io.




Filtering Items

To display only items that meet selected criteria, press **DISP/BACK** in the selection dialog and select **FILTERING**.



 Selecting **FILTERING** removes any existing upload marking.

-  Image transfer orders can contain a maximum of 9999 items.
- If **ON** is selected for **Frame.io Camera to Cloud > IMAGE TRANSFER WHILE POWER OFF**, upload will continue even while the camera is off.

Uploading Photos and Movies as They Are Taken


Photos and movies shot with **ON** selected for **Frame.io Camera to Cloud > UPLOAD SETTING > AUTO IMAGE TRANSFER ORDER** in the network/USB setting menu are automatically marked for upload.

Frame.io Camera to Cloud

Adjust settings for use with Frame.io.

CONNECT

You can connect to the Frame.io project via wireless LAN.

 If you have not registered the network, register the network in the **NETWORK SETTING** before proceeding.

DISCONNECT

End the connection to the Frame.io project and terminate the network connection.

GET PAIRING CODE

A pairing code will be displayed to connect to the Frame.io project. Enter this code on the Frame.io screen accessed from your personal computer or tablet to connect Frame.io and the camera.

SELECT FILE TYPE

Choose the types of files uploaded to Frame.io. You can select or deselect each file type individually.

Options		
MOV/MP4	JPEG	RAW
HEIF	TIFF	

UPLOAD SETTING

Adjust settings Frame.io upload settings.

SELECT IMAGE & TRANSFER

Mark picture for upload.

AUTO IMAGE TRANSFER ORDER

Select **ON** to automatically mark photos and movies for upload as they are taken.

Options	
ON	OFF

TRANSFER/SUSPEND

Pause or resume upload to Frame.io.

Options	
TRANSFER	SUSPEND

IMAGE TRANSFER WHILE POWER OFF

If **ON** is selected, upload of files to Frame.io will continue while the camera is off.

Options	
ON	OFF

ROOT CERTIFICATE

Copy a root certificate to the camera for use with Frame.io.

Option	Description
LOAD FROM MEMORY CARD	Copy the root certificate from the camera memory card.
DELETE	Delete the current root certificate.

UPLOAD STATUS

View Frame.io upload status.

TRANSFER QUEUE

View a list of the files awaiting upload.

RESET TRANSFER ORDER

Remove upload marking from all files selected for upload to Frame.io.

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Ver. 2.00

NETWORK SETTING

Adjust settings for connection to wireless networks. Select a registered network and then select **EDIT** to change the selected network setting.

Option	Description
ACCESS POINT SETTING	<ul style="list-style-type: none">• SIMPLE SETUP: Connect to an access point using simple settings.• MANUAL SETUP: Manually adjust settings for connection to a wireless network. Choose the network from a list (SELECT FROM NETWORK LIST) or enter the name manually (ENTER SSID).
IP ADDRESS SETTING	<ul style="list-style-type: none">• AUTO: The IP address is assigned automatically.• MANUAL: Assign an IP address manually. Manually choose the IP address (IP ADDRESS), subnet mask (SUBNET MASK), gateway address (GATEWAY ADDRESS), and DNS server address (DNS SERVER ADDRESS).

 **AF MODE**

Choose how the camera selects the focus point for movie recording.

Option	Description
MULTI	The camera selects the focus area automatically.
WIDE/TRACKING	The camera tracks the subject automatically if the focus stick (focus lever) is pushed to the center or the screen is touched when the focus mode is CONTINUOUS AF . The camera selects the focus subject automatically when the focus mode is SINGLE AF .
AREA	The camera focuses on the subject in the selected focus area.

CONNECT WHILE POWER OFF

Select **ON** to maintain a Bluetooth connection with a smartphone even when the camera is turned off. With the smartphone app FUJIFILM XApp, images can be transferred and the camera can be turned on to take photos even when the camera is turned off.

Options	
ON	OFF

SELECT FILE TYPE

Choose the types of files uploaded. You can select or deselect each file type individually.


Options		
JPEG	RAW	HEIF

FIRMWARE UPDATE

Use the firmware stored on a memory card to update the firmware for the camera, lenses, and other accessories.

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 When Starting the Camera

Insert a memory card containing the new firmware into the camera. While pressing the **DISP/BACK** button, turn on the camera. The firmware can be updated. After the update is finished, turn the camera off once.

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.

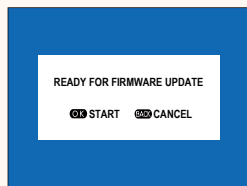
<https://fujifilm-dsc.com/>

Updating the Firmware Using a Smartphone App (automatic update)

If FUJIFILM XApp Ver. 2.0.0 or later is used, the latest firmware will be automatically downloaded to the camera from your smartphone.

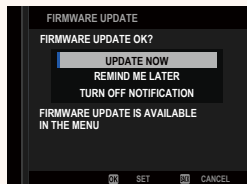
1 When using the camera, a confirmation screen will be displayed if the update is ready.

Select **START**.



If **CANCEL** is selected, the confirmation screen will be displayed again when the camera is turned on on the next day or later.

2 When the selection screen is displayed, select **UPDATE NOW**.



- Select **REMIND ME LATER** to display the confirmation screen 3 days later.
- Select **TURN OFF NOTIFICATION** to display no confirmation screen.

3 Select OK.

4 Follow the instructions on the screen to update the firmware.

5 When the update completion screen is displayed, turn the camera off.

- ❗ • 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.
- Nothing will be displayed on the EVF during a firmware update. Use the LCD monitor.
- 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-x.com/support/download/error-message/>

Checking the Firmware Version

To see the version information, turn on the camera while pressing the **DISP/BACK** button.

- ❗ The camera will only display the firmware version if a memory card is inserted.
- 📷 To view the firmware version or update firmware for optional accessories such as interchangeable lenses, shoe-mounted flash units, and mount adapters, mount the accessories on the camera.

FUJIFILM

FUJIFILM Corporation

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

<https://fujifilm-x.com>

