

# FUJIFILM

DIGITAL CAMERA

# GFX 100II

## New Features Guide

Version 2.30








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

GFX100 II firmware version 2.30 adds or updates the features listed below. For the latest manuals, visit the following website.

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

No.	Description	GFX100 II 	See 	Ver.
1	 <b>FLog2C</b>  <b>FLog2C</b> has been added to  <b>MOVIE SETTING &gt; F-Log/HLG RECORDING</b> to movie shooting menu.	186	1	2.30
2	 <b>TIME CODE SETTING &gt; TIME CODE SYNC. SETTING</b> can now also be synchronized with time codes of a USB device. Accordingly, <b>CONNECT TO ATOMOS AirGlu BT</b> in the quick menu and the menu assigning roles to the function buttons has been changed to <b>TIME CODE SYNC. SETTING</b> .	211 383 384 387 391	2 18 20 22	2.30
3	The connection method with Frame.io has changed.	270 323	5 9	2.10
4	A 4-screen display button has been added to remote movie recording. In addition, Clean display mode has been added to the remote recording menu.	306 309	12 13	1.20
5	<b>RAW</b> has been added under <b>Bluetooth/SMARTPHONE SETTING &gt; SELECT FILE TYPE</b> in the network/USB setting menu.	322	14	2.10
6	<b>FIRMWARE UPDATE</b> has been added under  <b>USER SETTING</b> in the setup menu, and the firmware update method has been changed.	336 439	14 15	2.00

## Changes and Additions










Changes and additions are as follows.



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### F-Log/HLG RECORDING

Choose the destination for F-Log and HLG (Hybrid Log-Gamma) movies shot while the camera is connected to an HDMI device.

Option	Description
	The footage is processed using film simulation and both saved to the memory card and output to the HDMI device.
 <b>F-Log</b>  <b>F-Log</b>	The footage is recorded to the memory card and output to the HDMI device in F-Log format.
 <b>FLog2</b>  <b>FLog2</b>	The footage is recorded to the memory card and output to the HDMI device in F-Log2 format.
 <b>FLog2C</b>  <b>FLog2C</b>	The footage is recorded to the memory card and output to the HDMI device in F-Log2 C format.
 <b>HLG</b>  <b>HLG</b>	The footage is recorded to the memory card and output to the HDMI device in HLG format.

-  **F-Log**, **F-Log2** and **F-Log2 C** are gentle gamma curve options with a wide gamut, suitable for footage intended for post-production processing.
  - F-Log2** and **F-Log2 C** are gamma curve options with a wider dynamic range than **F-Log**.
  - F-Log2 C** produces footages with an even wider gamut than **F-Log** and **F-Log2**.
  - Sensitivity is restricted to values between ISO 400 and ISO 12800 (**F-Log**) or between ISO 800 and ISO 12800 (**F-Log2** and **F-Log2 C**).
- The **HLG** (Hybrid Log-Gamma) recording format conforms to the international ITU-R BT2100 standard. When viewed on HLG-compatible displays, high-quality HLG footage faithfully captures high-contrast scenes and vivid colors. Sensitivity is restricted to values between ISO 640 and ISO 12800.
- Film simulation () footage is recorded using the option selected for **IMAGE QUALITY SETTING** > **FILM SIMULATION** in the shooting menu.

## TIME CODE SYNC. SETTING

Choose whether to synchronize time codes with an external device.

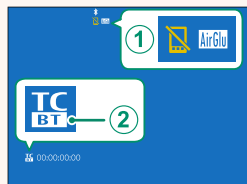
### USE IN-CAMERA TIME CODE

The camera does not synchronize with an external device, but uses in-camera time codes.

### SYNC. WITH Bluetooth DEVICE

The camera connects with a paired Bluetooth device to synchronize time codes.

- The icon of the Bluetooth connected device (AirGlu) is displayed. Because simultaneous connection with a smartphone is not possible, the smartphone icon is displayed in the yellow on the screen, indicating that it cannot be connected (①).



- An icon indicating that the time code synchronizing device is a Bluetooth device is displayed (②).

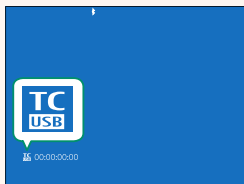
Option	Description
<b>SELECT</b>	Synchronize time codes with the paired Bluetooth device.
<b>PAIRING REGISTRATION</b>	Pair the camera with a Bluetooth device for time code synchronization.


- When the time code synchronizing device icon is displayed in grey, it is not connected with the Bluetooth device.
- The pairing with a Bluetooth device can be cancelled using **Bluetooth/SMARTPHONE SETTING > Bluetooth DEVICE LIST** in the network/USB setting menu.

## SYNC. WITH USB DEVICE

Synchronize time codes with a connected USB device for time code synchronization.

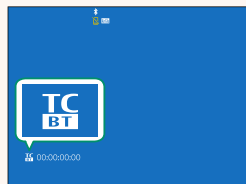
An icon indicating that the time code synchronizing device is a USB device is displayed.

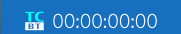
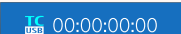
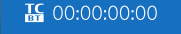
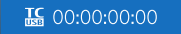
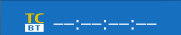



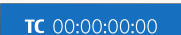


 When the time code synchronizing device icon is displayed in grey, it is not connected with the USB device.

## Time code synchronization state



You can check the time code synchronization state by the icons displayed next to time code display.




Icon	Synchronization state
  (light blue)	Time codes are being synchronized with a synchronizing device.
  (white)	Time codes have been synchronized with a synchronizing device.
  (amber)	Time codes have not been synchronized after selecting a synchronizing device.
  (red)	Time codes have not been synchronized with a synchronizing device because the frame rate settings of a synchronizing device and the camera are different.
 (white)	The time code synchronization function is not used. <b>USE IN-CAMERA TIME CODE</b> is selected.

## Uploading Files to Frame.io

Upload files to Frame.io.

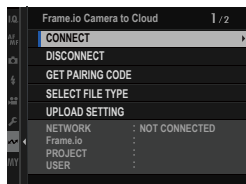
- Connecting via Wireless LAN ( 5)
- Connecting via Wired LAN (Ethernet) ( 7)

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


## Connecting via Wireless LAN

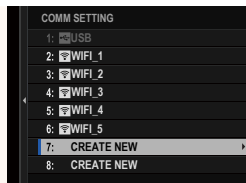
Connect to Frame.io via wireless LAN.

- 1 Select **Frame.io Camera to Cloud** > **CONNECT**.

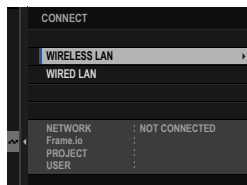


- 2 Select **CREATE NEW** to create a new communication setting profile.

 You can also select or edit existing communication setting profiles.

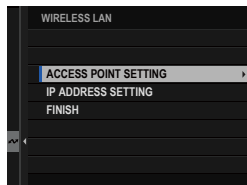


### 3 Select **WIRELESS LAN**.



### 4 Select **ACCESS POINT SETTING**.

Select **IP ADDRESS SETTING** to choose the IP address manually as described in "Connecting Using an IP Address".



### 5 Select **SIMPLE SETUP**.

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

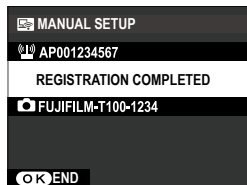


### 6 Follow the on-screen instructions to ready the wireless LAN router.

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.



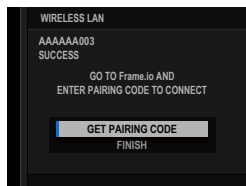
### 7 Press **MENU/OK** when setup is complete.





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

A pairing code will be displayed.

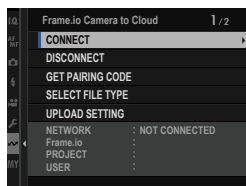


- 9 Sign in to Frame.io from a computer or other device and enter the pairing code displayed on the camera.
- 10 Upload files to Frame.io.


## Connecting via Wired LAN (Ethernet)

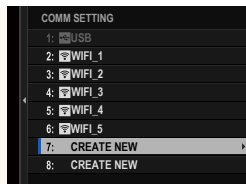
Connect to Frame.io via wired LAN (Ethernet).

- 1 Connect to the network by plugging an Ethernet cable into the camera's LAN connector.
- 2 Select **Frame.io Camera to Cloud > CONNECT**.

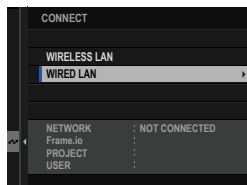


- 3 Select **CREATE NEW** to create a new communication setting profile.

 You can also select or edit existing communication setting profiles.

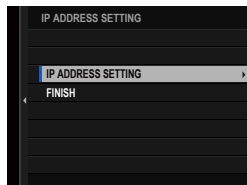


#### 4 Select **WIRED LAN**.



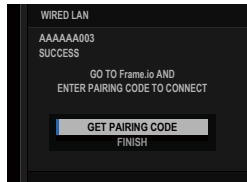
#### 5 Adjust **IP ADDRESS SETTING**.

- Select **AUTO** to use an IP address assigned by the network.
- Select **MANUAL** to choose the IP address manually as described in "Connecting Using an IP Address".



#### 6 Once connected, select **GET PAIRING CODE**.

A pairing code will be displayed.



#### 7 Sign in to Frame.io from a computer or other device and enter the pairing code displayed on the camera.

#### 8 Upload files to Frame.io.

## Frame.io Camera to Cloud

Adjust settings for use with Frame.io.

### CONNECT

You can select the saved connection setting profiles to connect to the Frame.io project.

### 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 - PROXY	MOV - ProRes	OTHER 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	
<b>ON</b>	<b>OFF</b>

### TRANSFER/SUSPEND

Pause or resume upload to Frame.io.

Options	
<b>TRANSFER</b>	<b>SUSPEND</b>

### IMAGE TRANSFER WHILE POWER OFF

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

Options	
<b>ON</b>	<b>OFF</b>

### ROOT CERTIFICATE

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

Option	Description
<b>LOAD FROM STORAGE MEDIA</b>	Copy the root certificate from the camera memory card.
<b>DELETE</b>	Delete the current root certificate.

 Frame.io and **FTP OPTIONAL SETTING > ROOT CERTIFICATE** use the same root certificate. Changing one changes the other.

## **UPLOAD STATUS**

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View Frame.io upload status.

## **TRANSFER QUEUE**

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View a list of the files awaiting upload.

## **RESET TRANSFER ORDER**

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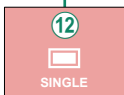
Remove upload marking from all files selected for upload to Frame.io.

## The Remote Recording Display

The controls available in the remote recording display are detailed below.

The display layout varies with the size of the computer or tablet screen, among other factors.

### Overview



**12** A 4-screen display button has been added. If this button is pressed, the screen display is divided into four parts to check the live views of multiple cameras at the same time.

## Remote Recording Menu

Adjust remote recording settings.

### **Show histogram**

Hide or view the histogram.

### **Show microphone level**

Hide or view the microphone recording level.

### **Show WAVEFORM/VECTORSCOPE**

Hide or view the waveform/vectorscope.

### **Show tool bar**

Hide or view the browser toolbar.

### **Clean display mode**

Switch to Clean display mode to show the live view only.

### **Display with Image quality priority/Real-time performance priority**

Choose how you prefer the view through the lens to be displayed, giving priority either to image quality or to ensuring that the picture updates in real time.



- Prioritizing image quality maximizes image quality but may result in display lag.
- Prioritizing real-time display keeps display lag to a minimum regardless of such factors as connection speed.

### **Light mode/Dark mode**

Switch between the light- and dark-mode remote recording displays.

### **Stop the camera connection**

Click or tap a thumbnail in the “Choose camera” area to end the connection to the selected camera.

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### **SELECT FILE TYPE**

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

<b>Options</b>		
<b>JPEG</b>	<b>RAW</b>	<b>HEIF</b>

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### **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)

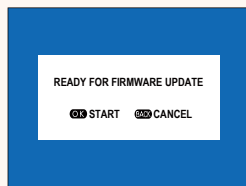
If you are using a smartphone app, you can update the firmware from the app. For details, refer to the following website.


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

## Updating the Firmware Using a Smartphone App (automatic update)

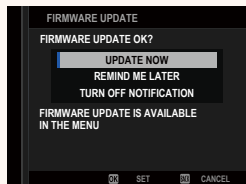
If FUJIFILM XApp Ver. 2.0.0 or later is used, the latest firmware will be automatically downloaded to the camera from your smartphone.


- 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.







## Available Items (Still Photography)

### Choose from:

- IMAGE SIZE
- IMAGE QUALITY
- FILM SIMULATION
- GRAIN EFFECT
- COLOR CHROME EFFECT
- COLOR CHROME FX BLUE
- SMOOTH SKIN EFFECT
- DYNAMIC RANGE
- D RANGE PRIORITY
- WHITE BALANCE
- WHITE BALANCE COLOR TEMP.  
(WHEN  SELECTED)
- HIGHLIGHT TONE
- SHADOW TONE
- COLOR
- SHARPNESS
- CLARITY
- HIGH ISO NR
- AF MODE
- AF-C CUSTOM SETTINGS
-  FACE/EYE DETECTION SETTING
- SUBJECT DETECTION SETTING
- MF ASSIST
- TOUCH SCREEN MODE
- SELF-TIMER
- PHOTOMETRY
- SHUTTER TYPE
- FLICKER REDUCTION
- ISO
- FLASH FUNCTION SETTING
- FLASH COMPENSATION
- EVF/LCD BRIGHTNESS
- EVF/LCD COLOR
- NONE


 To disable the function button, choose **NONE**.

## Available Items (Movies)

- FILM SIMULATION
- DYNAMIC RANGE
- WHITE BALANCE
- WHITE BALANCE COLOR TEMP.  
(WHEN  SELECTED)
- HIGHLIGHT TONE
- SHADOW TONE
- COLOR
- SHARPNESS
- HIGH ISO NR
-  FACE/EYE DETECTION SETTING
- SUBJECT DETECTION SETTING
- MF ASSIST
- TOUCH SCREEN MODE
- PHOTOMETRY
- MOVIE ISO
- IMAGE FORMAT
- MOVIE MODE RESOLUTION/ASPECT  
RATIO
- MOVIE MODE FRAME RATE
- BIT RATE
- HIGH SPEED REC
-  SELF-TIMER
- MOVIE AF MODE
- FIX MOVIE CROP MAGNIFICATION
-  IS MODE
-  IS MODE BOOST
- SHUTTER SPEED
- APERTURE (MOVIE OPTIMIZED  
CONTROL )
- WAVEFORM/VECTORSCOPE
- INTERNAL/EXTERNAL MIC LEVEL  
ADJUSTMENT
- TIME CODE SYNC. SETTING
- EVF/LCD BRIGHTNESS
- EVF/LCD COLOR
- NONE


 To disable the function button, choose **NONE**.

**Assigning Roles to the Function Buttons**


The roles played by the function buttons can be selected using the  **BUTTON/DIAL SETTING > FUNCTION (Fn) SETTING** option in the setup menu.

- EXPO. COMP.
- IMAGE SIZE
- IMAGE QUALITY
- RAW
- FILM SIMULATION
- GRAIN EFFECT
- COLOR CHROME EFFECT
- COLOR CHROME FX BLUE
- SMOOTH SKIN EFFECT
- DYNAMIC RANGE
- D RANGE PRIORITY
- WHITE BALANCE
- CLARITY
- RECALL CUSTOM 1 SETTING
- FOCUS AREA
- FOCUS CHECK
- AF MODE
- AF-C CUSTOM SETTINGS
- FACE DETECTION ON/OFF
- RIGHT/LEFT EYE SWITCH
- SUBJECT DETECTION ON/OFF
- AF RANGE LIMITER
- FOCUS CHECK LOCK
- MF ASSIST ON/OFF
- SELF-TIMER
- AE BKT SETTING
- FOCUS BKT SETTING
- PHOTOMETRY
- SHUTTER TYPE
- FLICKER REDUCTION
- FLICKERLESS S.S. SETTING
- ISO
- IS MODE
- 35mm FORMAT MODE
- WIRELESS COMMUNICATION
- FLASH FUNCTION SETTING
- TTL-LOCK
- MODELING FLASH
- HIGH SPEED REC
-  SELF-TIMER
- FIX MOVIE CROP MAGNIFICATION
- WAVEFORM/VECTORSCOPE
-  IS MODE BOOST
- ZEBRA SETTING
- COOLING FAN SETTING
- INTERNAL/EXTERNAL MIC LEVEL ADJUSTMENT
- 4ch AUDIO PLAYBACK
- MOVIE OPTIMIZED CONTROL 
- TIME CODE SYNC. SETTING
- SUB MONITOR MODE
- PREVIEW DEPTH OF FIELD
- PREVIEW EXP./WB IN MANUAL MODE
- NATURAL LIVE VIEW
- HISTOGRAM
- ELECTRONIC LEVEL SWITCH
- LARGE INDICATORS MODE
- F-Log VIEW ASSIST
- COMMAND DIAL LOCK
- AE LOCK ONLY
- AF LOCK ONLY
- AE/AF LOCK

- AF-ON
- AWB LOCK ONLY
- LOCK SETTING
- PERFORMANCE
- AUTO IMAGE TRANSFER ORDER
- Bluetooth ON/OFF
- QUICK MENU
- PLAYBACK
- NONE

 To disable the function button, choose **NONE**.


**Assigning Roles to Touch-Function Gestures**

The roles played by touch-function gestures can be selected using the  **BUTTON/DIAL SETTING > FUNCTION (Fn) SETTING** option in the setup menu.

- IMAGE SIZE
- IMAGE QUALITY
- RAW
- FILM SIMULATION
- GRAIN EFFECT
- COLOR CHROME EFFECT
- COLOR CHROME FX BLUE
- SMOOTH SKIN EFFECT
- DYNAMIC RANGE
- D RANGE PRIORITY
- WHITE BALANCE
- CLARITY
- RECALL CUSTOM 1 SETTING
- FOCUS AREA
- FOCUS CHECK
- AF MODE
- AF-C CUSTOM SETTINGS
- FACE DETECTION ON/OFF
- RIGHT/LEFT EYE SWITCH
- SUBJECT DETECTION ON/OFF
- AF RANGE LIMITER
- FOCUS CHECK LOCK
- MF ASSIST ON/OFF
- SELF-TIMER
- AE BKT SETTING
- FOCUS BKT SETTING
- PHOTOMETRY
- SHUTTER TYPE
- FLICKER REDUCTION
- FLICKERLESS S.S. SETTING
- ISO
- IS MODE
- 35mm FORMAT MODE
- WIRELESS COMMUNICATION
- FLASH FUNCTION SETTING
- TTL-LOCK
- MODELING FLASH
- HIGH SPEED REC
-  SELF-TIMER
- FIX MOVIE CROP MAGNIFICATION
- WAVEFORM/VECTORSCOPE
-  IS MODE BOOST
- ZEBRA SETTING
- COOLING FAN SETTING
- INTERNAL/EXTERNAL MIC LEVEL ADJUSTMENT
- 4ch AUDIO PLAYBACK
- MOVIE OPTIMIZED CONTROL 
- TIME CODE SYNC. SETTING
- SUB MONITOR MODE
- PREVIEW DEPTH OF FIELD
- PREVIEW EXP./WB IN MANUAL MODE
- NATURAL LIVE VIEW
- HISTOGRAM
- ELECTRONIC LEVEL SWITCH
- LARGE INDICATORS MODE
- F-Log VIEW ASSIST
- COMMAND DIAL LOCK
- LOCK SETTING



- PERFORMANCE
- AUTO IMAGE TRANSFER ORDER
- Bluetooth ON/OFF
- QUICK MENU
- PLAYBACK
- NONE

 To disable touch-function gestures, choose **NONE**.

# FUJIFILM

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