

DIGITAL CAMERA

# X100V

## New Features Guide

Version 3.00









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/>*

## Contents

X100V firmware version 3.00 adds or updates the features listed below. For the latest manuals, visit the following website.

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

No.	Description	X100V 	See 	Ver.
1	<b>ND FILTER</b> is now available during movie recording. This has resulted in a change in the position of the ND filter icon in the EVF/LCD shooting display.	16, 150	1, 2	2.00
2	The digital teleconverter can now also be used when <b>RAW</b> is selected for  <b>IMAGE QUALITY SETTING &gt; IMAGE QUALITY</b> in the shooting menu. A <b>DIGITAL TELE-CONV.</b> option has consequently been added to <b>RAW CONVERSION</b> in the playback menu.	80, 181	3, 4	2.00
3	An  <b>AREA SETTING</b> option has been added under  <b>USER SETTING</b> in the setup menu, resulting in a change to the basic setup procedure and adjustments to <b>TIME DIFFERENCE</b> . In addition, <b>DATE/TIME</b> now offers a 24-hour clock.	201	5	3.00
4	The items listed in the setup menu under  <b>USER SETTING &gt; RESET</b> have changed.	204	6	3.00
5	A <b>BRIGHT FRAME POSITION MEMORY</b> item has been added to  <b>SCREEN SET-UP</b> in the setup menu.	207	7	2.00
6	Function buttons can now be assigned <b>SPOT METERING LOCK</b> .	222, 253	9	2.00
7	Changes have been made to the <b>VIEWFINDER SELECTOR</b> option for  <b>BUTTON/DIAL SETTING &gt; LOCK &gt; FUNCTION SELECTION</b> in the setup menu.	230	11	2.00

No.	Description	X100V 	See 	Ver.
8	The  <b>CONNECTION SETTING &gt; Bluetooth SETTINGS</b> item in the setup menu has been renamed <b>Bluetooth/SMARTPHONE SETTING</b> and now offers an <b>IMAGE TRANSFER WHILE POWER OFF</b> option. In addition, <b>AUTO IMAGE TRANSFER</b> and <b>SMARTPHONE SYNC. SETTING</b> have respectively been renamed <b>AUTO IMAGE TRANSFER ORDER</b> and <b>SMARTPHONE LOCATION SYNC.</b>	236	12	3.00
9	Upload timing has changed. Pictures can now be uploaded not only during playback or when the camera is off but also while shooting is in progress.	236	12	3.00
10	<p> <b>CONNECTION SETTING &gt; GENERAL SETTINGS</b> has been reorganized as follows:</p> <ul style="list-style-type: none"> <li>• <b>LOCATION INFO</b> has been moved to  <b>SCREEN SET-UP</b>,</li> <li>•  <b>BUTTON SETTING</b> has been moved to  <b>BUTTON/DIAL SETTING</b> and renamed  <b>Fn1 BUTTON SETTING</b>,</li> <li>• <b>GEOTAGGING</b> has been moved to  <b>SAVE DATA SET-UP</b>, and</li> <li>• <b>NAME</b> and <b>RESIZE IMAGE FOR SMARTPHONE </b> have been moved to <b>Bluetooth/SMARTPHONE SETTING.</b></li> </ul>	217, 228, 235, 236	8, 12	3.00
11	The camera can now be used as a webcam. The  <b>CONNECTION SETTING &gt; PC CONNECTION MODE</b> item in the setup menu has consequently been renamed <b>CONNECTION MODE</b> and an <b>X WEBCAM</b> option has been added.	239	14	2.00
12	The procedure for connecting wirelessly to smartphones has changed.	274	15	3.00

## Changes and Additions

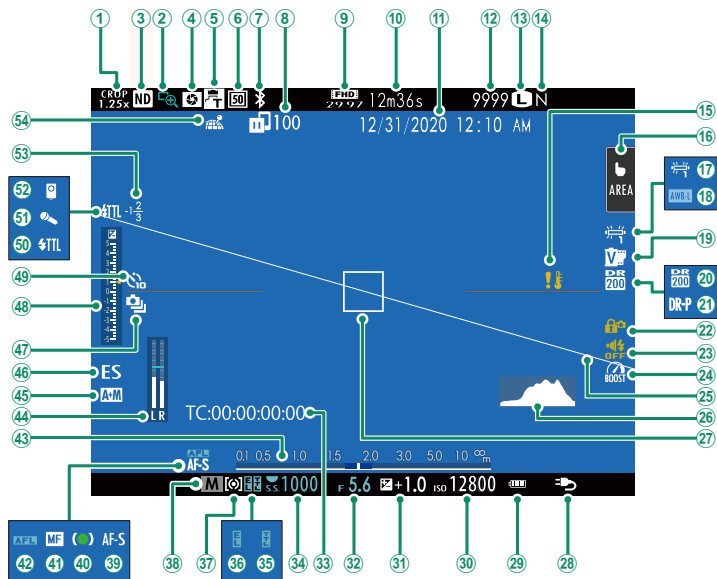
Changes and additions are as follows.

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Ver. 2.00

### The EVF/LCD Monitor

③ The position of the ND filter icon has changed.



**ND FILTER**

Selecting **ON** enables the camera's built-in Neutral Density (ND) filter, reducing exposure by the equivalent of 4 EV. This allows slower shutter speeds or wider apertures to be used with brightly lit subjects, making it possible to blur motion or soften background details without risk of overexposure.

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



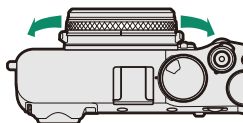
The ND filter can now be used during movie recording.

## The Digital Teleconverter

Use the digital teleconverter to further magnify the image while processing it for sharp, high-resolution results.

1 Assign **DIGITAL TELE-CONV.** to the control ring.

2 Choose the zoom angle using the control ring.



Standard (35 mm \*)



\* 35 mm format equivalent

50 mm \*



70 mm \*



3 Take pictures at the selected zoom angle.

-  Image quality drops slightly at **DIGITAL TELE-CONV.** settings of 50 and 70 mm.
  - The digital teleconverter can now be used for RAW pictures.
  - The digital teleconverter may be unavailable in some modes.
-  Digital teleconverter settings can also be accessed via **SHOOTING SETTING > DIGITAL TELE-CONV.**
  - The zoom angles available when a conversion lens is attached are 72 and 100 mm for telephoto conversion lenses (teleconverters) and 41 and 58 mm for wide-angle conversion lenses.

## RAW CONVERSION

The settings that can be adjusted when converting pictures from RAW to another format are:

Setting	Description
<b>REFLECT SHOOTING COND.</b>	Create a copy using the settings in effect at the time the photo was taken.
<b>IMAGE SIZE</b>	Choose an image size.
<b>IMAGE QUALITY</b>	Adjust image quality.
<b>PUSH/PULL PROCESSING</b>	Adjust exposure.
<b>DYNAMIC RANGE</b>	Enhance details in highlights for natural contrast.
<b>D RANGE PRIORITY</b>	Reduce loss of detail in highlights and shadows for natural-looking results when photographing high-contrast scenes.
<b>FILM SIMULATION</b>	Simulate the effects of different types of film.
<b>MONOCHROMATIC COLOR</b>	Add a warm or cool cast to monochrome pictures.
<b>GRAIN EFFECT</b>	Add a film grain effect.
<b>COLOR CHROME EFFECT</b>	Increase the range of tones available for rendering colors that tend to be highly saturated, such as reds, yellows, and greens.
<b>COLOR CHROME FX BLUE</b>	Increase the range of tones available for rendering blues.
<b>WHITE BALANCE</b>	Adjust white balance.
<b>WB SHIFT</b>	Fine-tune white balance.
<b>tone CURVE</b>	Adjust highlights and shadows.
<b>COLOR</b>	Adjust color density.
<b>SHARPNESS</b>	Sharpen or soften outlines.
<b>NOISE REDUCTION</b>	Process the copy to reduce mottling.
<b>CLARITY</b>	Increase definition.
<b>COLOR SPACE</b>	Choose the color space used for color reproduction.
<b>HDR</b>	Reduce loss of detail in highlights and shadows.
<b>DIGITAL TELE-CONV.</b>	Process the picture using super-resolution imaging to create an enlarged copy with a longer apparent focal length.

## 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
<b>ON</b>	Daylight saving time on.
<b>OFF</b>	Daylight saving time off.

## 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 Highlight  **LOCAL** and press **MENU/OK**.
- 2 Use the focus stick (focus lever) to choose the local time zone. Press **MENU/OK** when settings are complete.

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



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	
<b>↔ LOCAL</b>	<b>🏠 HOME</b>

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

**X100V Owner's Manual:**  **204**

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## **RESET**

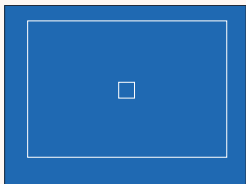
Reset shooting or setup menu options to default values.

- 1 Highlight the desired option and press **MENU/OK**.

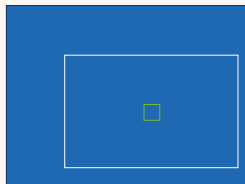
Option	Description
<b>SHOOTING MENU RESET</b>	Reset all shooting menu settings other than custom white balance and custom settings banks created using <b>EDIT/SAVE CUSTOM SETTING</b> to default values.
<b>SET-UP RESET</b>	Reset all setup menu settings other than <b>DATE/TIME</b> , <b>🏠 AREA SETTING</b> , <b>TIME DIFFERENCE</b> , and <b>COPYRIGHT INFO</b> to default values.
<b>INITIALIZE</b>	Reset all settings other than custom white balance to default values.

- 2 A confirmation dialog will be displayed; highlight **OK** and press **MENU/OK**.

The bright frame moves to show the actual crop when the shutter button is pressed halfway. Choose whether the bright frame remains in the new position once the button is released.



*Normal display*



*Display when shutter button is pressed halfway*

Option	Description
<b>ON</b>	The bright frame stays in the new position when the shutter button is released.
<b>OFF</b>	The bright frame returns to its normal position when the shutter button is released.




**LOCATION INFO**

Select **ON** to display location info downloaded from a smartphone.

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

 **Fn1 BUTTON SETTING**

Choose the role performed by the **Fn1** button during playback.

Option	Description
 <b>SMARTPHONE TRANSFER ORDER</b>	Pressing the button marks the current picture for transfer. If the camera is not currently paired with a smartphone, <b>Bluetooth/SMARTPHONE SETTING</b> options will be displayed.
 <b>SELECT &amp; SMARTPHONE TRANSFER ORDER</b>	Pressing the button displays a dialog where pictures can be selected for upload to a smartphone with which the camera is paired. If the camera is not currently paired with a smartphone, <b>Bluetooth/SMARTPHONE SETTING</b> options will be displayed instead.
 <b>WIRELESS COMMUNICATION</b>	The button can be used for wireless connections.




**GEOTAGGING**

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

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

**FUNCTION (Fn) SETTING****Assigning Roles to the Function Buttons****Roles That Can Be Assigned to the Function Buttons**

Choose from:

- IMAGE SIZE
- IMAGE QUALITY
- RAW
- FILM SIMULATION
- GRAIN EFFECT
- COLOR CHROME EFFECT
- COLOR CHROME FX BLUE
- DYNAMIC RANGE
- D RANGE PRIORITY
- WHITE BALANCE
- CLARITY
- SELECT CUSTOM SETTING
- FOCUS AREA
- FOCUS CHECK
- AF MODE
- AF-C CUSTOM SETTINGS
- FACE SELECT   \*
- FACE DETECTION ON/OFF\*
- AF RANGE LIMITER
- SPORTS FINDER MODE
- SELF-TIMER
- AE BKT SETTING
- FOCUS BKT SETTING
- PHOTOMETRY
- SHUTTER TYPE
- FLICKER REDUCTION
- ISO AUTO SETTING
- CONVERSION LENS
- ND FILTER
- WIRELESS COMMUNICATION
- FLASH FUNCTION SETTING
- TTL-LOCK
- MODELING FLASH
- FULL HD HIGH SPEED REC
- ZEBRA SETTING
- INTERNAL/EXTERNAL MIC LEVEL ADJUSTMENT
- MOVIE SILENT CONTROL
- VIEW MODE SETTING
- PREVIEW DEPTH OF FIELD
- PREVIEW EXP/WB IN MANUAL MODE
- NATURAL LIVE VIEW
- HISTOGRAM
- ELECTRONIC LEVEL
- LARGE INDICATORS MODE
- CONTROL RING SETTING
- SPOT METERING LOCK ( 10)
- AE LOCK ONLY
- AF LOCK ONLY
- AE/AF LOCK
- AF-ON
- AWB LOCK ONLY
- LOCK SETTING
- PERFORMANCE
- AUTO IMAGE TRANSFER
- SELECT PAIRING DESTINATION
- Bluetooth ON/OFF
- QUICK MENU
- PLAYBACK
- NONE (control disabled)

\* Selection via the function buttons is not available when the OVF is displayed.

## SPOT METERING LOCK

If **SPOT METERING LOCK** is selected, you can press the control to meter your subject using **SPOT** metering regardless of the option currently selected for **SHOOTING SETTING > PHOTOMETRY**. The option selected for **SHOOTING SETTING > PHOTOMETRY** can be restored by pressing the control again.

**LOCK**



Lock selected controls to prevent unintended operation.

Option	Description
<b>LOCK SETTING</b>	Choose from the following: <ul style="list-style-type: none"> <li>• <b>UNLOCK</b>: Reset lock options.</li> <li>• <b>ALL FUNCTION</b>: Lock all controls in the <b>FUNCTION SELECTION</b> list.</li> <li>• <b>SELECTED FUNCTION</b>: Lock only the controls selected in the <b>FUNCTION SELECTION</b> list.</li> </ul>
<b>FUNCTION SELECTION</b>	Choose the controls locked when <b>SELECTED FUNCTION</b> is chosen for <b>LOCK SETTING</b> .



- The controls selected using **SELECTED FUNCTION** can be locked at any time during shooting by pressing and holding **MENU/OK**. To unlock the controls, press and hold the button again.
- The **FUNCTION SELECTION > VIEWFINDER SELECTOR** option has changed:
  - **VIEWFINDER SELECTOR (ROTATE AND HOLD)**: Lock the feature assigned to the viewfinder selector in its role as a function button.
  - **VIEWFINDER SELECTOR**: Lock the EVF/OVF/ERF display selection.

Adjust Bluetooth settings.

Option	Description
<b>PAIRING REGISTRATION</b>	Pair the camera with a smartphone or tablet to which the smartphone app has been installed.
<b>SELECT PAIRING DESTINATION</b>	Choose a connection from a list of devices with which the camera has been paired using <b>PAIRING REGISTRATION</b> . Select <b>NO CONNECTION</b> to exit without connecting.
<b>DELETE PAIRING REG.</b>	Delete pairing information for selected devices. Choose the device in the device list. The selected device will also be removed from the devices listed in <b>SELECT PAIRING DESTINATION</b> .
<b>Bluetooth ON/OFF</b>	<ul style="list-style-type: none"><li>• <b>ON</b>: The camera automatically establishes a Bluetooth connection with paired devices when turned on.</li><li>• <b>OFF</b>: The camera does not connect via Bluetooth.</li></ul>
<b>AUTO IMAGE TRANSFER ORDER</b>	Choose whether pictures are automatically marked for upload as they are taken.
<b>SMARTPHONE LOCATION SYNC.</b>	Choose whether to synchronize the camera to the location provided by a paired smartphone.
<b>NAME</b>	Choose a name ( <b>NAME</b> ) to identify the camera on the wireless network (the camera is assigned a unique name by default).
<b>IMAGE TRANSFER WHILE POWER OFF</b>	Choose whether the camera uploads pictures to paired smartphones while off.
<b>RESIZE IMAGE FOR SMARTPHONE </b>	Choose whether to resize images for upload to smartphones. Resizing applies only to the copy uploaded to the smartphone; the original is not affected. <ul style="list-style-type: none"><li>• <b>ON</b>: Larger images are resized to  for upload.</li><li>• <b>OFF</b>: Images are uploaded at their original size.</li></ul>



- Be sure your smartphone is running the latest version of the applicable smartphone app. Different operating systems use different apps; for more information, visit:  
*<https://app.fujifilm-dsc.com/>*
- Pictures will be uploaded during shooting and playback and while the camera is off if **ON** is selected for both **Bluetooth ON/OFF** and **AUTO IMAGE TRANSFER ORDER** or if images are currently selected for upload using the **IMAGE TRANSFER ORDER** option in the playback menu.
- The camera clock will automatically be set to the time reported by paired smartphones whenever the app is launched.



**CONNECTION MODE**

Adjust settings for connection to external devices.

Option	Description
<b>USB CARD READER</b>	Connecting the camera to a computer via USB automatically enables data transfer mode, allowing data to be copied to the computer. The camera functions normally when not connected.
<b>X WEBCAM</b>	The camera can be used as a webcam when connected to a computer running FUJIFILM X Webcam.
<b>USB RAW CONV./ BACKUP RESTORE</b>	Connecting the camera to a computer via USB automatically enables USB RAW conversion/backup restore mode. The camera functions normally when not connected. <ul style="list-style-type: none"><li>• <b>USB RAW CONV. (requires FUJIFILM X RAW STUDIO):</b> Use the camera's image processing engine to rapidly convert RAW files to high-quality JPEG images.</li><li>• <b>BACKUP RESTORE (requires FUJIFILM X Acquire):</b> Save and load camera settings. Reconfigure the camera in an instant or share settings with other cameras of the same type.</li></ul>



Visit the websites below to learn more about or download the following computer software:

- **Capture One Express Fujifilm:**  
<https://www.captureone.com/products-plans/capture-one-express/fujifilm>
- **Capture One Pro Fujifilm:**  
<https://www.captureone.com/explore-features/fujifilm>
- **FUJIFILM X Acquire:**  
<https://fujifilm-x.com/products/software/x-acquire/>
- **FUJIFILM X RAW STUDIO:**  
<https://fujifilm-x.com/products/software/x-raw-studio/>
- **RAW FILE CONVERTER EX powered by SILKYPIX:**  
<https://fujifilm-x.com/support/download/software/raw-file-converter-ex-powered-by-silkypix/>
- **FUJIFILM X Webcam:**  
<https://fujifilm-x.com/products/software/x-webcam/>

## Connecting to Smartphones

Access wireless networks and connect to computers, smartphones, or tablets. For more information, visit:

<http://fujifilm-dsc.com/wifi/>

## Smartphones and Tablets

### Installing Smartphone Apps

Before establishing a connection between the smartphone and camera, you will need to install at least one dedicated smartphone app. Visit the following website and install the desired apps on your phone.

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

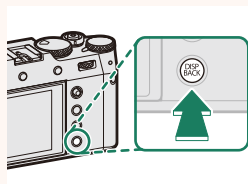


The apps available vary with the smartphone operating system.

### Connecting to a Smartphone

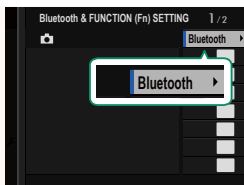
Pair the camera with the smartphone and connect via Bluetooth®.

- 1 Press **DISP/BACK** while shooting information is displayed.

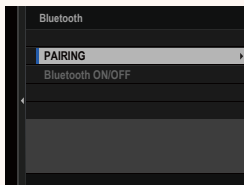


You can also proceed directly to Step 3 by holding the **DISP/BACK** button during playback.

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



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

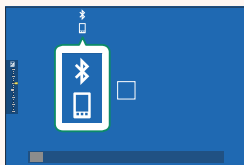


4 Launch the app on the smartphone and pair the smartphone with the camera.

More information is available at the following website:

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


When pairing is complete, the camera and smartphone will automatically connect via Bluetooth. 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.


## Using the Smartphone App

Read this section for information on the options available for downloading pictures to your smartphone using the smartphone app.

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


### Selecting and Downloading Pictures Using the Smartphone App

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

 More information is available from the following website:

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

### Uploading Pictures as They Are Taken

Pictures taken with **ON** selected for  **CONNECTION SETTING > Bluetooth/SMARTPHONE SETTING > AUTO IMAGE TRANSFER ORDER** will automatically be marked for upload to the paired device.

-  • If **ON** is selected for both **Bluetooth/SMARTPHONE SETTING > Bluetooth ON/OFF** and **IMAGE TRANSFER WHILE POWER OFF** in the  **CONNECTION SETTING** menu, upload to the paired device will continue even while the camera is off.
- Selecting **ON** for  **CONNECTION SETTING > Bluetooth/SMARTPHONE SETTING > RESIZE IMAGE FOR SMARTPHONE**  enables compression, reducing file size for upload.

### Selecting Pictures for Upload in the Playback Menu

Use **IMAGE TRANSFER ORDER > SELECT FRAMES** to select pictures for upload to a paired smartphone or tablet via Bluetooth®.

## Copying Pictures to a Computer: PC AutoSave

Install the latest version of FUJIFILM PC AutoSave to your computer to upload pictures from the camera over wireless networks (Wi-Fi).

### FUJIFILM PC AutoSave

For downloads and other information, visit:

[http://app.fujifilm-dsc.com/en/pc\\_autosave/](http://app.fujifilm-dsc.com/en/pc_autosave/)

## Computers: Wireless Connections

You can upload pictures from the camera using the **PC AUTO SAVE** option in the playback menu.



# FUJIFILM

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