



Interchangeable Lens Digital Camera

# ILX-LR1

E-mount

Startup Guide



ILX-LR1

## About the "Help Guide"



For detailed instructions on using the camera, refer to the "Help Guide" (web manual).

[https://rd1.sony.net/help/ilc/2390/h\\_zz/](https://rd1.sony.net/help/ilc/2390/h_zz/)

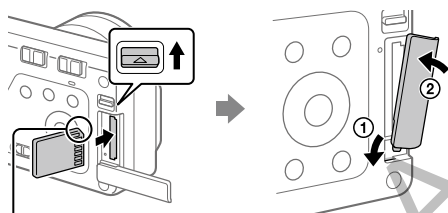
## Preparations

### Checking the supplied items

The number in parentheses indicates the number of pieces.

- Camera (1)
- Startup Guide (this manual) (1)
- Power & Control Cable (SONY) (1)
- Reference Guide (1)
- Body cap (1) (attached to the camera)

### Inserting a memory card (sold separately) into the camera



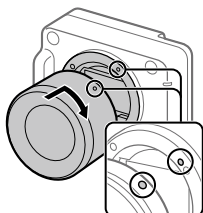
Ensure the notched corner faces correctly.

- 1 Slide the switch above the memory card cover to open the cover and insert the memory card.
- 2 Insert the projection on the bottom of the cover into the recess of the camera and close the cover.

This camera is compatible with SD memory cards.

When you use a memory card with this camera for the first time, format the card using the camera in order to stabilize the performance of the memory card.

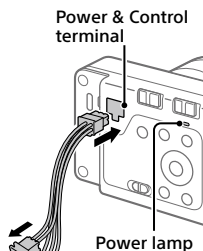
### Attaching a lens



Mounting indexes

- 1 Mount the lens by aligning the two white index marks (mounting indexes) on the lens and camera.
- 2 While pushing the lens lightly toward the camera, turn the lens slowly in the direction of the arrow until it clicks into the locked position.

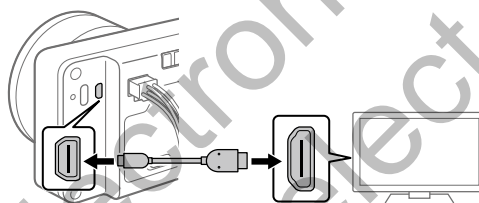
### Connecting to an external power source



To a power supply device such as an AC adaptor

- 1 Connect the Power & Control Cable (supplied) to a power supply device such as an AC adaptor.
- 2 Connect the Power & Control Cable to the Power & Control terminal of the camera.
- 3 Turn on the power supply device.
  - Check that the power lamp of the camera is lit to ensure that power is being supplied correctly to the camera.

### Connecting an external monitor to the camera



- 1 Make sure that both the camera and external monitor are turned off.
- 2 Connect the HDMI micro terminal of the camera and the HDMI terminal of the external monitor with an HDMI cable (sold separately).
- 3 Turn on the power of the external monitor, and then set the ON/OFF (Power) switch on the camera to "ON" to turn on the camera.

### Performing initial setup for the camera

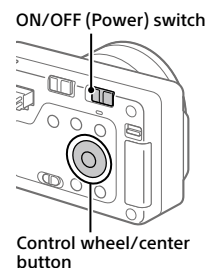
By establishing a Bluetooth connection (pairing) between the camera and a smartphone, you can perform initial camera setup such as date and time settings from the smartphone. Install the dedicated application on your smartphone in advance, and then follow steps 1 to 4 under "Procedures for initial camera setup."

### Installing the dedicated smartphone application



Install the application from the following website. Also, update to the latest version of the dedicated application. The specifications of the dedicated application may change without notice.  
<https://www.sony.net/ca/>

### Procedures for initial camera setup



- 1 Turn on the power of the connected external monitor, and then set the ON/OFF (Power) switch on the camera to "ON" to turn on the camera.
- 2 Select the desired language and then press the center of the control wheel.
  - A privacy notice screen will appear on the external monitor. Read the privacy notice regarding biometrics by opening the link using your smartphone, etc.
- 3 Press the center of the control wheel.
- 4 Follow the instructions on the external monitor to connect the camera with your smartphone and perform the initial setup.
  - You can also configure or change the initial settings later from the MENU of the camera.

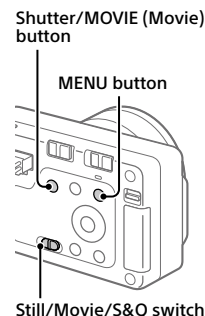
### Pairing the camera with your smartphone later (Smartphone Connection)



For details on the connection method, refer to the following Help Guide URL:

[https://rd1.sony.net/help/ilc/2390\\_pairing/h\\_zz/](https://rd1.sony.net/help/ilc/2390_pairing/h_zz/)

## Shooting still images



Still/Movie/S&Q switch

- 1 Set the Still/Movie/S&Q switch to (Still).
- 2 Press the MENU button and select (Shooting) → [Shooting Mode] → [Shoot Mode] → the desired shooting mode.
- 3 Press the shutter/MOVIE (Movie) button halfway down to focus.
- 4 Press the shutter/MOVIE (Movie) button all the way down.

## Notes on use

Refer to "Precautions" in the "Help Guide" as well.

### About this camera

This camera does not have a monitor, so when changing MENU settings or replacing the memory card/lens, etc., make sure that the camera operates correctly by confirming the screen of the external monitor.

### Notes on handling the product


- Do not leave the lens exposed to a strong light source such as sunlight. Because of the lens's condensing function, doing so may cause smoke, fire, or a malfunction inside the camera body or the lens. If you have to leave the camera exposed to a light source such as sunlight, attach the lens cap to the lens.
- If sunlight or other strong light enters the camera through the lens, it may focus inside the lens and cause smoke or fire. Attach the lens cap when storing the camera. When shooting with backlighting, keep the sun sufficiently far away from the angle of view. Even if it is slightly away from the angle of view, smoke or fire may still occur.
- Do not look at sunlight or a strong light source through the lens when it is detached. This may result in unrecoverable damage to the eyes or cause a malfunction.
- This camera (including accessories) has magnet(s) which may interfere with pacemakers, programmable shunt valves for hydrocephalus treatment, or other medical devices.
- Do not place this camera close to persons who use such medical devices. Consult your doctor before using this camera if you use any such medical device.
- Increase the volume gradually. Sudden loud noises can damage your ears.
- Do not leave the camera, the supplied accessories, or memory cards within the reach of infants. They may be accidentally swallowed. If this occurs, consult a doctor immediately.
- When shooting still images continuously, the connected external monitor may flash between the shooting screen and a black screen. If you keep watching the screen in this situation, you may experience uncomfortable symptoms such as feeling of unwellness. If you experience uncomfortable symptoms, stop using the camera, and consult your doctor as necessary.
- Do not hold the camera in your hand while using it. Fix the camera to a device or equipment, etc. Be careful when operating the buttons or removing the camera from the equipment, as the camera will become hot when used for long periods of time.

## Sony lenses/accessories

Using this unit with products from other manufacturers may affect its performance, leading to accidents or malfunction.

### Note on the 5 GHz band for wireless LAN

When using the wireless LAN function outdoors, set the band to 2.4 GHz by following the procedure below. (WW559681 only)

- MENU →  (Network) → [Wi-Fi] → [Wi-Fi Frequency Band]

### How to turn off wireless network functions (Wi-Fi, etc.) temporarily

When you board an airplane, etc., you can turn off all wireless network functions temporarily using [Airplane Mode].

## For Customers in the U.S.A. and Canada

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

## For Customers in the U.S.A.

For question regarding your product or for the Sony Service Center nearest you, call 1-800-222-SONY (7669).

### Supplier's Declaration of Conformity

Trade Name : SONY

Model : WW559681

Responsible Party : Sony Electronics Inc.

Address : 16535 Via Esprillo, San Diego, CA 92127 U.S.A.

Telephone Number : 858-942-2230

### Important note on use of 5 GHz wireless LAN

Compliance with FCC requirement 15.407(c)

Data transmission is always initiated by software, which is the passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinue transmission in case of either absence of information to transmit or operational failure.

Frequency Tolerance: ±20 ppm

## For Customers in Canada

### 5 150-5 350 MHz band is restricted to indoor operation only.

High-power radars are allocated as primary users (i.e. priority users) of the bands 5 250-5 350 MHz and 5 650-5 850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

## For Customers in Europe

IEEE802.11b/g/n	2 400 MHz	< 60 mW e.i.r.p.
IEEE802.11a/n/ac	5 150 - 5 350 MHz	< 35 mW e.i.r.p.
	5 470 - 5 725 MHz	< 35 mW e.i.r.p.
IEEE802.11a/n/ac	5 725 - 5 850 MHz	< 25 mW e.i.r.p.
Bluetooth	2 400 MHz	< 10 mW e.i.r.p.

Hereby, Sony Corporation declares that this equipment 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://www.compliance.sony.eu>

Hereby, Sony Corporation declares that this equipment is in compliance with the UK relevant statutory requirements.

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

<https://compliance.sony.co.uk>

For this radio equipment the following restrictions on putting into service or of requirements for authorization of use apply in AT/BE/BG/CY/CZ/DK/EE/FI/FR/DE/EL/HU/IE/IT/LV/LT/LU/LU/MT/NL/PL/PT/RO/SK/SI/ES/SE/UK/UK(NI)/HR/IS/LI/NO/CH/AL/BA/MK/MD/RS/ME/XK/TR:

5 150 - 5 350 MHz band is restricted to indoor operations only.

## Specifications

### Camera

#### [System]

Camera Type:  
Interchangeable Lens Digital Camera  
Lens: Sony E-mount lens

#### [Image sensor]

Image format: 35 mm full frame,  
CMOS image sensor


Effective pixel number of camera:

Approx. 61 000 000 pixels

Total pixel number of camera:

Approx. 62 500 000 pixels

#### [General]

Rated input: 10 V to 18 V , 3.8 W

Power & Control Cable (DC IN jack):



Operating temperature:

0 to 40 °C (32 to 104 °F)

Storage temperature:

-20 to 55 °C (-4 to 131 °F)

Design and specifications are subject to change without notice.

HDMI type D micro jack

Power & Control terminal Molex Micro-Fit 3.0 6pin (430450622)

UHS-I/II compatible SD memory card slot

Dimensions (W/H/D) (Approx.):

100 × 74 × 42.5 mm

(4 × 3 × 1 11/16 in.)

Mass (Approx.):

243 g (8.6 oz) (camera body only)

#### [Wireless LAN]

WW559681 (see name plate on the bottom of camera)

Supported format:

IEEE 802.11 a/b/g/n/ac

Frequency band: 2.4 GHz/5 GHz

WW853104 (see name plate on the bottom of camera)


Supported format: IEEE 802.11 b/g/n

Frequency band: 2.4 GHz

## Compatible iPhone/iPad models

iPhone 14 Pro Max, iPhone 14 Pro, iPhone 14 Plus, iPhone 14, iPhone SE (3rd generation), iPhone 13 Pro Max, iPhone 13 Pro, iPhone 13, iPhone 13 mini, iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12, iPhone 12 mini, iPhone SE (2nd generation), iPhone 11 Pro Max, iPhone 11 Pro, iPhone 11, iPhone XS Max, iPhone XS, iPhone XR, iPhone X, iPhone 8 Plus, iPhone 8, iPhone 7 Plus, iPhone 7, iPhone SE, iPhone 6s Plus, iPhone 6s, iPad Air (3rd, 4th, and 5th generation), iPad (5th through 10th generation), iPad mini (6th generation), iPad Pro 12.9-inch (1st through 6th generation), iPad Pro 11-inch (1st through 4th generation), iPad Pro 10.5-inch, iPad Pro 9.7-inch, iPad Air 2, iPad mini (5th generation), iPad mini 4  
(As of May 2023)

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([https://rd1.sony.net/help/di/el23/h\\_zz/](https://rd1.sony.net/help/di/el23/h_zz/))

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 iPhone | iPad