

# Sony ILX-LR1 Technical Specifications

## General Dimensions and Specifications



| Sensor type   | Pixel count                              | Weight                    |
|---|--|---------------------------|
| <b>35 mm</b><br><b>full frame</b><br>Exmor R CMOS<br>sensor | Approx.<br><b>61.0 MP</b><br>(effective) | Approx.<br><b>8.6 oz.</b> |

# Specifications

## System

Camera Type

Interchangeable Lens Digital Camera

Lens

Sony E-mount lens

## Image sensor

Image format

35 mm full frame (35.7 mm × 23.8 mm), CMOS image sensor

Effective pixel number of camera

Approx. 61 000 000 pixels

Total pixel number of camera

Approx. 62 500 000 pixels

## Auto focus system

Detection system

Phase-detection system/Contrast detection system

Sensitivity Range

-4 EV to +20 EV (at ISO 100 equivalent, F2.0)

## Exposure control

Metering method

1 200-zone evaluative metering

Metering Range

-3 EV to +20 EV (at ISO 100 equivalent with F2.0 lens)

ISO sensitivity (Recommended exposure index)

Still images: ISO 100 to ISO 32 000 (Extended ISO: Minimum ISO 50, maximum ISO 102 400), [ISO AUTO](ISO 100 to ISO 12 800, Maximum/Minimum can be set.)

Movies: ISO 100 to ISO 32 000 equivalent, [ISO AUTO](ISO 100 to ISO 12 800 equivalent, Maximum/Minimum can be set.)

Exposure compensation

±5.0 EV (switchable between 1/3 EV and 1/2 EV steps)

## Shutter

Type

Electronically-controlled, vertical-traverse, focal-plane type

Speed range

Still images (mechanical shutter): 1/4000 second to 30 seconds, BULB

Still images (electronic shutter): 1/8000 second to 30 seconds

Movies: 1/8000 second to 1 second (1/3 EV step)

60p-compatible devices: up to 1/60 second in AUTO mode (up to 1/30 second in Auto slow shutter mode)

50p-compatible devices: up to 1/50 second in AUTO mode (up to 1/25 second in Auto slow shutter mode)

## Recording format

### File format

JPEG (compliant with DCF Ver. 2.0, Exif Ver. 2.32, and MPF Baseline), HEIF (MPEG-A MIAF compliant), RAW (Sony ARW 4.0 format compliant)

Movie (XAVC HS format)

XAVC Ver2.1: MP4 format compliant

Video: MPEG-H HEVC/H.265

Audio: LPCM 2ch (48 kHz 16 bit)\*

Movie (XAVC S format)

XAVC Ver2.1: MP4 format compliant

Video: MPEG-4 AVC/H.264

Audio: LPCM 2ch (48 kHz 16 bit)\*

\*This camera does not have an audio input, so sound will not be recorded.

## Recording media

SD cards (UHS-I and UHS-II compatible)

## Input/output terminals

USB Type-C terminal

SuperSpeed USB 5Gbps (USB 3.2)

HDMI

HDMI type D micro jack

Power & Control terminal

Molex Micro-Fit 3.0 6 pin (430450622)

## Power, general

### Rated input

10 V – 18 V Direct current

Power & Control Cable (DC IN jack)

### Power consumption

Using an FE 28-70mm F3.5-5.6 OSS

Approx. 3.8 W (while shooting still images)

Approx. 6.5 W (while shooting movies)

## Operating temperature

0 °C to 40 °C (32 °F to 104 °F)

## Storage temperature

-20 °C to 55 °C (-4 °F to 131 °F)

## 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

WW59681 (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

### Security

WEP/WPA-PSK/WPA2-PSK/WPA3-SAE

### Connection method

Wi-Fi Protected Setup™ (WPS)/Manual

### Access method

Infrastructure mode

