

Industrial Imaging Solutions

Sony ILX-LR1 Intro

Fall 2023

NEW RELEASE: ILX-LR1

Light Adaptable Designs for Remote Operations

- Compact 243g (8.6 oz)
- 61.0 effective megapixels
- Full-frame CMOS sensor
- Powerful image processor
- AI processing unit
- 3fps continuous shooting capability
- Interchangeable E-mount lens support
- Full remote operation via Sony Camera SDK designed specifically for industrial applications



Light Adaptable Design for Remote Operations

Designed for industrial applications

- LCD monitor, viewfinder, grip, Multi Interface (MI) Shoe and battery removed for weight savings
- Screw mounts on six surfaces
 - Controls and connectors grouped to optimize mounting options
- Supports DC power
 - Easy-to-see power and recording indicator lamps
- Power and control terminal for low latency data control
- Lockable, camera control buttons included for manual settings



Wide Range of E-mount lens options

Select lenses for Unmanned Systems

Prime

- SEL24F28G 162g
- SEL35F28ZA 120g
- SEL40F25G 173g
- SEL50F25G 174g
- SEL55F18ZA 281g
- SEL85F18 371g

Power Zoom

- SELP1635G 353g

And many more prime and power zoom to choose from for different applications



Dedicated SDK Remote Control

Build a powerful remote camera system

- Documented and fully supported set of API functions
- Remotely configure and control cameras
- Easily transfer images for further processing, storage and distribution
- Secure control of workflow to remotely transfer and store data
- Enhance photogrammetry workflow
- Take 3D image scanning to new dimensions



Specifications

Benefit	Item	Spec
High Quality & High Resolution	Image Sensor	35mm Full-frame, Exmor R CMOS Sensor, 61MP
	Mount	E-mount
	Processing Engine	BIONZ XR
	ISO Sensitivity	100-32000
	Image Stabilization	N/A
	Focus Point	759 points (phase-detection AF)
	Shutter	Mechanical / Electronic Shutter
	Drive	Mid: 3fps
Lightweight	Weight (Camera Only)	243g
	Media	SD card
	Monitor / MI Shoe / GPS / Anti-dust System	N/A
Solution Integration	Power Requirement	DC-in 10 to 18V
	Interface	Power and Control Terminal Power/Focus/Trigger/Exposure USB Type C(Screw Locking) / HDMI Type D
	Camera Remote SDK	Supported
	Ethernet	USB-Ethernet Adapter Supported
Reliability and Install	Rec Tally	Supported
	Dust and moisture resistant design	N/A
	Dimension (W X H X D)	100 x 74 x 42.5mm
	Mounting Screw Holes	Located on all 6 sides

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