



Alpha LR1 (ILX-LR1)

High resolution sensor for detailed images and efficient coverage

High resolution, low noise and wide dynamic range images enable reveal fine details like small scratches and cracks during inspection, investigation, surveying and mapping. With its 3fps continuous shooting capabilities, it allows for quick completion of shooting from high altitudes in a short amount of time. Compatibility with a wide range of E-mount lenses enables the selection of the most appropriate lens.

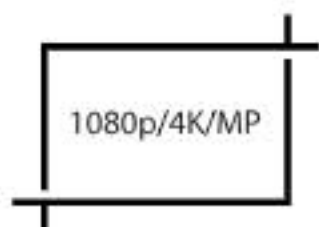
Lightweight and compact design, ideal for drone photography

It is designed to be the smallest and lightest interchangeable lens camera with a 35mm full-frame image sensor in Sony's α camera history, while incorporating the necessary features for industrial applications

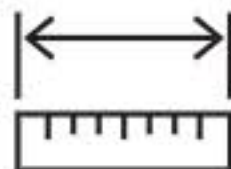
Designed for easy integration with industrial applications



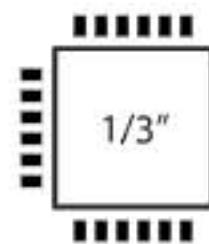
Key Features



resolution



compact size



Sensor

features

specifications

- Full frame 61 Megapixel sensor (35.7 x 23.8 mm) – Pixel Pitch 3.8 microns
- In-house image sensor technology which provides high-quality image
- Up to 8x more powerful BIONZ XR image processor
- Backside-illuminated (BSI) Exmor R sensor enables :

- High quantum efficiency

- Class leading ISO & Dynamic Range Performance

- Accurate and broad subject recognition powered by the AI Processing Unit
- 4K 50/60p movie recording, 4:2:2 10 bit, All-I
- Mechanical Shutter
- Electronic Shutter -> no noise & no vibration
- Lightweight body 243g
- SD card slot
- Compact size 100.0 x 74.0 x 42.5 mm
- Power requirement: DC-in 10 to 18V
- Operating temperature 0° C - 40° C
- Unlimited electronic shutter releases
- Connectivity: USB 3.2 / HDMI type D / Wifi / Ethernet / Molex connector (Power/Focus/Trigger/Exposure out)
- Screw holes: Available on 6 sides