

LK-LR

Uncooled Infrared Thermal Imager

The LK-LR series adds precise rangefinding capabilities to the LK-IR series products, enabling accurate positioning and target searching.

- Shutterless
- Quick Response
- Real-Time Noise Reduction
- Multiple Pseudo-Colors
- Hot Target Tracking
- Wireless Image Transmission
- Digital Compass
- Picture-in-Picture
- Reticle
- Laser Ranging



Effective Range

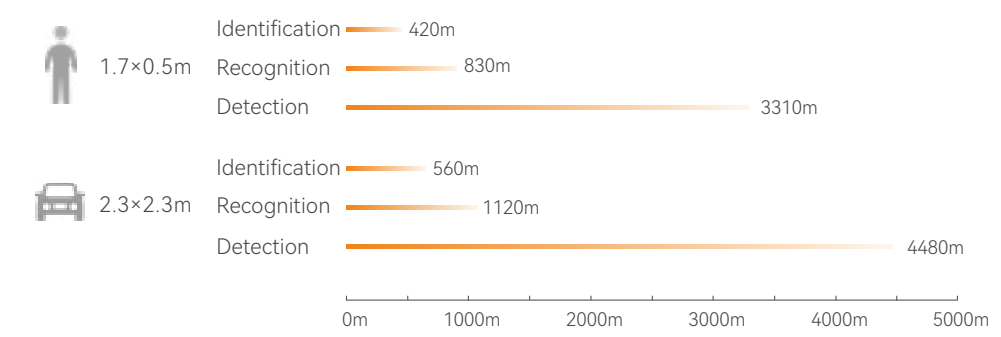
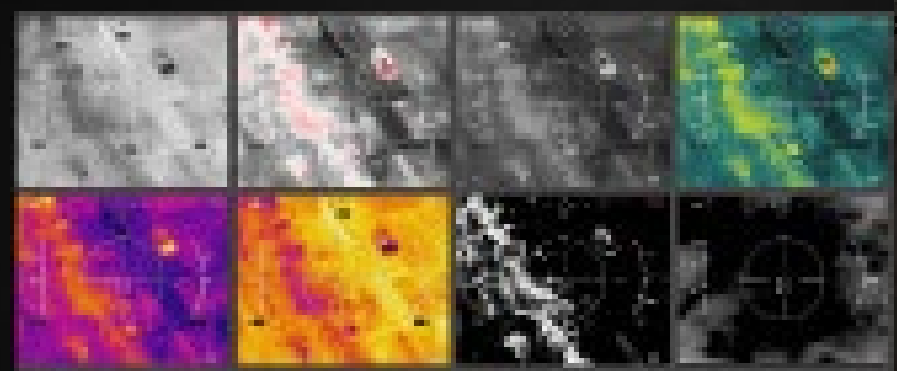


Image Mode



Model	LK-LR	
Detector	Uncooled VOx Microbolometer	
Resolution, pixels	384x288/12μm	640x512/12μm
Objective Lens (F1.0)	19mm 25mm 35mm 50mm	25mm 35mm 55mm 75mm
Field of View	13.9° × 10.4° 10.6° × 7.9° 7.5° × 5.7° 5.3° × 4.0°	17.6° × 14.1° 12.6° × 10.1° 8.0° × 6.4° 5.9° × 4.7°
Visual Magnification	1.83~7.32 2.41~9.63 3.37~13.48 4.82~19.26	1.41~5.64 1.98~7.9 3.1~12.42 4.23~16.93
Spectral Band	8~14μm	
Frame Rate,Hz	50Hz	
NETD	≤ 35mk@300K	
Display	0.39" OLED 1024x768	
Digital Zoom	1x, 2x, 4x	
Eyepiece Diopter	-5 ~ +5	
Eye Relief	45mm	
Laser Ranging	1200m	
Power Supply	Two 18650 Li-ion Batteries	
Standby Time	≥ 8h	
Interface	External Power/Type-C	
Operation Temperature	-30°C ~ +55°C	
Protection Rating	IP67	
Reliability	≥ 1200g , 2000g (50/55/75mm) Shock Resistance	
Altitude	≥ 5000m	
Adaptability	All-weather	
Detection Range (Human)	19mm/1800m 50mm/4730m	25mm/2370m 55mm/5200m 35mm/3310m 75mm/7090m
Detection Range (Object)	19mm/2430m 50mm/6390m	25mm/3200m 55mm/7030m 35mm/4480m 75mm/9590m