

LK-IR

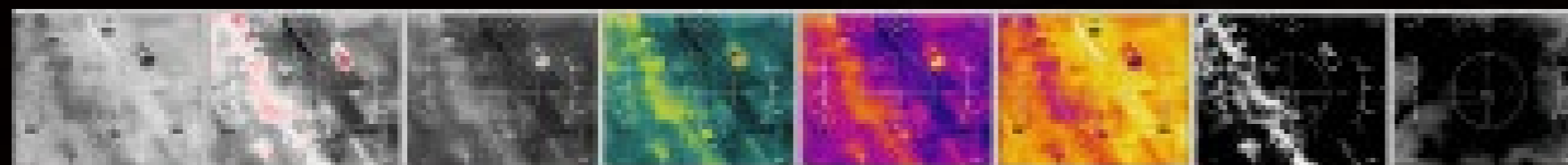
- Shutterless
- Quick Response
- Real-time Denoising
- Multiple Pseudo-Colors
- Hot Target Tracking
- Wireless Image Transmission
- Digital Compass
- Picture-in-Picture
- Reticle



Uncooled Infrared Thermal Imager

The LK-IR series thermal imager is an advanced infrared observation device featuring innovative no-shutter technology. It ensures seamless image output and offers flexibility with various lens options, making it ideal for long-range observation across diverse scenarios.

Image Mode



Specifications

Model	LK-IR		
Detector	Uncooled VOx Microbolometer		
Resolution, pixels	384×288/12μm	640×512/12μm	
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		
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 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

Effective Range

