

MK-IR

Handheld Thermal Imaging Monocular

The MK-IR series is a high-performance infrared thermal imaging device that allows you to observe thermal distribution of objects or scenes at a distance under any lighting conditions.

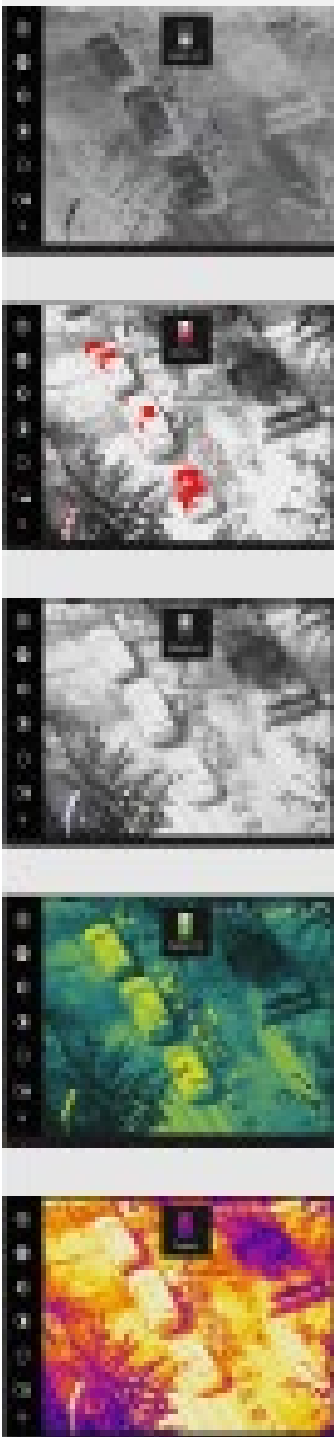


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Shutterless
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Power Safety
- 
Safety Detection
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Environmental Protection
- 
Intelligent Industry
- 
Search Rescue
- 
Forest Fire Prevention
- 
Outdoor Night Vision
- 
Wireless Image Transmission

Specifications

Model	MK-IR-E	MK-IR-Q
Detector	Uncooled VOx Microbolometer	
Resolution, pixels	384×288/12μm	640×512/12μm
Objective Lens (F1.0)	19mm 25mm 35mm 50mm 75mm	25mm 35mm 50mm 75mm
Field of View	13.9°×10.4° 10.6°×7.9° 7.5°×5.7° 5.3°×4.0° 3.5°×2.6°	17.6°×14.1° 12.6°×10.1° 8.8°×7.0° 5.9°×4.7°
Visual Magnification	2.09~8.37 2.75~11.01 3.85~15.41 5.5~22.01 8.26~33.02	1.61~6.45 2.26~9.03 3.23~12.9 4.84~19.35
Spectral Band	8~14μm	
Eyepiece Diopter	-5~+5	
Eye Relief	20mm	
NETD	≤ 35mk@300K	
Display	0.39" OLED 1024x768	
Digital Zoom	1x, 2x, 4x	
Frame Rate.Hz	50Hz	
Protection Rating	IP67	
Power Source	3400mAh Li-ion Battery	
Standby Time	≥ 5h	
Interface	Type-C	
Operating Temperature	-20°C ~+50°C	
Detection Range (Human)	19mm/1800m 25mm/2370m 35mm/3310m 50mm/4730m 75mm/7090m	
Detection Range (Animal)	19mm/1590m 25mm/2090m 35mm/2920m 50mm/4170m 75mm/6250m	

Image Mode



Effective Range

