

# MK-IRS

## Handheld Thermal Imaging Monocular

The MK-IRS 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.



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

### Specifications

Model	MK-IRS-E	MK-IRS-Q
Detector	Uncooled VOx Microbolometer	
Resolution, pixels	384×288/12μm	640×512/12μm
Objective Lens (F1.0)	19mm 25mm 35mm 50mm	25mm 35mm 50mm
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° 8.8°×7.0°
Visual Magnification	2.09~8.37 2.75~11.01 3.85~15.41 5.5~22.01	1.61~6.45 2.26~9.03 3.23~12.9
Laser Indicator (IRS)	5.5~22.01	
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/4170m	
Detection Range (Animal)	19mm/1590m 25mm/2090m 35mm/2920m 50mm/4170m	

### Image Mode



### Effective Range

