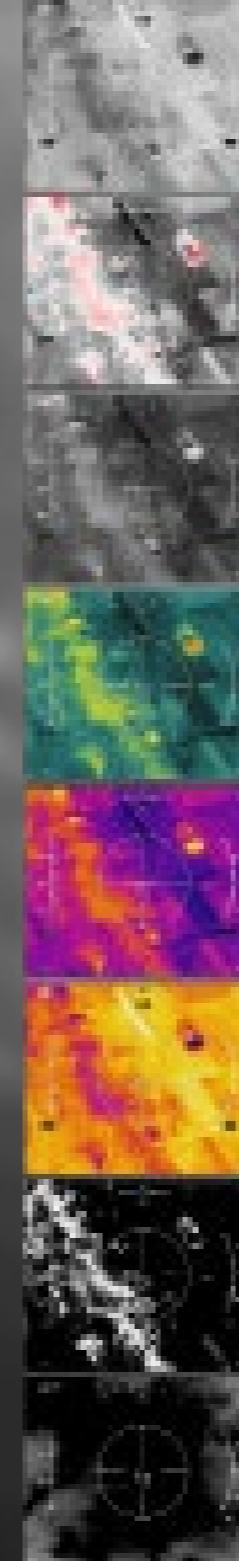


M-IR

Uncooled Infrared Thermal Imager



Specifications

Model	M-IR					
Detector	Uncooled VOx Microbolometer					
Resolution, pixels	384×288/12μm			640×512/12μm		
Objective Lens (F1.0)	19mm	25mm	35mm	25mm	35mm	
Field of View	13.9° ×10.4°	10.6° ×7.9°	7.5° ×5.7°	17.6° ×14.1°	12.6° ×10.1°	
Visual Magnification	1.83~7.32	2.41~9.63	3.37~13.48	1.41~5.64	1.98~7.9	
Spectral Band	8~14μm					
Frame Rate,Hz	50Hz					
NETD	≤ 50mk@300K					
Display	0.39" OLED 1024x768					
Digital Zoom	1x, 2x, 4x					
Eyepiece Diopter	-5 ~ +5					
Eye Relief	45mm					
Power Supply	Two 16340 Li-ion Batteries					
Standby Time	≥ 2.5h			≥ 2h		
Weight (Without Battery)	≤ 480g					
Dimensions	208x57x58mm (Including Eyepiece/Objective Covers)					
Interface	External Power/Type-C					
Operation Temperature	-30°C ~+55°C					
Protection Rating	IP67					
Reliability	800g Shock Resistance					
Altitude	≥ 5000m					
Adaptability	All-weather					
Detection Range (Human)	19mm/1800m	25mm/2370m	35mm/3310m			
Detection Range (Object)	19mm/2430m	25mm/3200m	35mm/4480m			



Shutterless



Quick Response



Real-time Denoising



Multiple Pseudo-Colors



Hot Target Tracking



Wireless Image Transmission



Digital Compass



Picture-in-Picture



Reticle

M-IR

The M-IR series features a more compact and portable design, with button-based human-machine interaction, achieving equally clear observation.

Effective Range

