

ICI Trace IR Monocular Series Specifications

Models	IR19	IR25	IR35
Temperature Range	-20°C - +50°C		
Thermal Sensitivity NETD	< .1°C at 30°C		
Detector Type	Uncooled FPA Detector		
Focal Plane Array	384x288, 25 μm		
Focus	Fixed Focus		
Video Recording	Yes		
Focal Length	19mm	25mm	35mm
Frame Rate	50Hz		
Field of View / FOV	29.0° x 71.7°	21.7° x 16.4°	15.7° x 11.8°
Spectral Range	8 - 14 μm		
Display	Color LCD, 640x480		
Battery Type	Li-ion, Rechargeable		
Operation Time	5 hours continuous operation		
Drop Resistance	1 M		
Dimensions / Weight	<180mmx70mmx70mm	<230mmx70mmx70mm	
Environment Rating	IP66		
Charging System	Charge with USB, can be powered with USB power bank		
External DC Input	5VDC/2A (Micro USB)		
Video Output	PAL		
Waterproof	Yes		
Submersible	No		
WiFi	No	Yes	
Cross Hair	Yes		
Laser Indicate	Yes		
Image Polarity	White Hot / Black Hot / Red Hot		
Image Transmission	/		Live via Wi-Fi, view image, record video Take pictures with cell phone
Eye Relief Adjustment /	Yes, Adjust with knob		
Zoom	2x, 3x, 4x		

> Range performance (with actual targets)

