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MobIR M8 Unique Mobile-like IR Thermographic Camera – Technical Specifications

Image Performance	
Thermal	
Detector Type	Microbolometer UFPA 160×120 pixels, 25µm
Spectral range	8~14µm
Filed of View	20.6°×15.5°/11mm
Thermal Sensitivity	≤0.1°C at 30°C
Image Frequency	50HZ PAL/60HZ NTSC, non-interlaced
Visual	
Built-in digital video	CMOS Sensor,1600×1200 pixels, 2 ²⁴ true colors
Image Presentation	
External Display	2.47" TFT LCD with high resolution
Picture in Picture	total thermal,total visual, Infra Fusion switchable
Measurement	
Temperature Range	-20°C to 250°C (350°C optional)
Accuracy	±2°C or ±2% of reading
Measurement Modes	Auto hot & cold spot, auto alarm live/zoomed image & video;spot
	areas displaying either max,min or average, line profile,
	histogram & isotherm band in live/frozen/saved image
Storage	
Type	Removable 2GB Mini SD card & built-in memory
Video Recording	Powerful recording up to 30 minutes in Mini SD card
Laser Locator	
Classification Type	Class 2 semiconductor laser
Power System	
Battery Type	Rechargeable Li-ion Camcorder battery,field-replaceable
Battery Operating Time	4 hours continuous operation
Environment	
Operating Temperature	0°C~50°C (-10°C optional)
Storage Temperature	-20°C~60°C
Encapsulation	IP54
Interface	
USB 2.0	Real-time image,video data transfer to PC and real- time control of the camera on PC
RS232 Communication	Control of camera on PC
Physical Characteristics	
Size	154mmx69mmx45mm
Weight	0.35kg(including battery)
	0.27kg (excluding battery)