

The Smallest IR Thermographic Camera



MobIR[®] M2/ M3/ M4

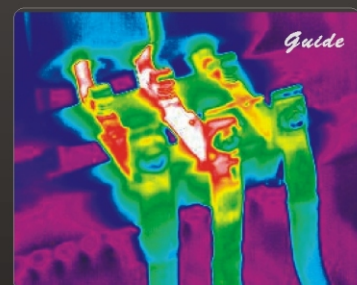
Smallest, lightest and versatile, MobIR[®]M series sets a new baseline for the most cost-effective IR thermal cameras in the world. Featured finger-tip controls, stunning imaging performance, precise full-screen temperature measurement, efficient image processing and plug-and-play USB connectivity, it opens large new markets to the benefit of infrared technology. Performing a way none IR system can and priced at the lowest level in the market, its application is limited only by your imagination.

Applications

- Predictive and preventative maintenance
- Electricity inspections
- Building diagnostics
- Technical diagnostics
- Veterinarian helper
- Portable law enforcement

Features and Benefits

- Minimized ownership cost
- Ultra-compact robust & easiest to use
- Accurate radiometric temperature measurement
- Advanced on-board image processing
- 50Hz/60Hz high image frequency
- Professional analysis & reporting software
- License free & rapid delivery





	M4	M3	M2
Imaging Performance			
Detector Type	Microbolometer UFPA		
	160 × 120 pixels, 25 μ m		120 × 120 pixels 25 μ m
Spectral Range	8 ~ 14 μ m		
Thermal Sensitivity	≤ 0.12 °C at 30 °C		
Image Frequency	50Hz PAL/60 NTSC, non-interlaced		
Field of View (FOV)	17.5° × 13°		13° × 13°
Built-in Digital Video colors	CMOS 640 x 480		N/A
Image Presentation			
External Display	2.2" TFT & 1.2" CSTN high resolution color LCD		
Video Output	PAL/ NTSC, composite video		
Measurement			
Temperature Range	-20 °C to +250 °C		
Accuracy	± 2 °C or ± 2% of reading		
Measurement Modes	Spot, area, isotherm, line profile, auto hot spot, auto alarm		
Image Storage			
Type	Built-in Flash Memory		
Capacity	600 images		100 images
System Status Indication			
LCD Display	Display of battery status, indication of power		
Sound Alarm	Automatic alarm for power shortage		
Laser Locator			
Classification Type	Class 2 semiconductor laser		
Battery System			
Type	Li-ion battery, rechargeable, filed replaceable		
Operating Time	Over 2 hours continuous operation		
Environmental Specification			
Operating Temperature	-10 °C to +50 °C		
Storage Temperature	-20 °C to +60 °C		
Interfaces			
USB1.1	Image, measurement data transfer to PC		
Physical Characteristics			
Size	120mm × 60mm × 30mm		
Weight	0.265kg (including battery)		