MobIR®M2/M3/M4

The Smallest IR Thermographic Camera



Smallest, lightest and versatile, MobIR®M serious 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

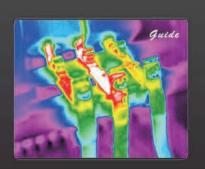
Advanced on-board image processing

50Hz/60Hz high image frequency

Professional analysis & reporting software

License free & rapid delivery





	M4	M3	M2	
Imaging Performance				
Detector Type	Microbolometer UFP	A		
	160×120 pixels, 25	ı m	120×120 pixels 25 μ m	
Spectral Range	$8\sim 14\mu$ m			
Thermal Sensitivity	≤0.12℃ at 30℃			
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℃ to +250℃			
Accuracy	±2℃ or ±2% of reading			
Measurement Modes	Spot, area, isotherm, line profile, auto hot spot, auto alarm			
Image Storage				
Туре	Built-in Flash Memor	У		
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 semicondu	ctor laser		
Battery System				
Туре	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℃ to +60℃			
Interfaces				
USB1.1	Image, measurement data transfer to PC			
Physical Characteristics				
Size	120mm×60mm×30mm			
Weight	0.265kg (including ba	0.265kg (including battery)		



AUSTRALIAN DISTRIBUTOR

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