

## MobIR® M2/M3/M4

### The Smallest IR Thermographic Camera

**ProIr**  
www.proir.se



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



**ProIr** 0451 - 312 03  
www.proir.se Kanslihusvägen 13 a  
281 35 Hässleholm

	M4	M3	M2
<b>Imaging Performance</b>			
Detector Type	Microbolometer UFPA		
	160×120 pixels, 25 μm		120×120 pixels 25 μm
Spectral Range	8 ~ 14 μm		
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
<b>Image Presentation</b>			
External Display	2.2" TFT & 1.2" CSTN high resolution color LCD		
Video Output	PAL/ NTSC, composite video		
<b>Measurement</b>			
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		
<b>Image Storage</b>			
Type	Built-in Flash Memory		
Capacity	600 images		100 images
<b>System Status Indication</b>			
LCD Display	Display of battery status, indication of power		
Sound Alarm	Automatic alarm for power shortage		
<b>Laser Locator</b>			
Classification Type	Class 2 semiconductor laser		
<b>Battery System</b>			
Type	Li-ion battery, rechargeable, filed replaceable		
Operating Time	Over 2 hours continuous operation		
<b>Environmental Specification</b>			
Operating Temperature	-10°C to +50°C		
Storage Temperature	-20°C to +60°C		
<b>Interfaces</b>			
USB1.1	Image, measurement data transfer to PC		
<b>Physical Characteristics</b>			
Size	120mm×60mm×30mm		
Weight	0.265kg (including battery)		