

# GUIDIR® IR928+

## Highly Refined IR Thermographic Camera



Compact and durable, sophisticated yet simple, IR928+ is high performance-cost ratio portable infrared thermal camera available today. With high accuracy, intelligent processing, this fully featured 384x 288 microbolometer IR camera provides professional thermographers with unprecedented efficiency and convenience at an incredible low cost. Complemented by post analysis software, IR928+ acquires extensive capability of analyzing, reporting and archiving both image and voice in a flash.

### Applications

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

### Features and Benefits

- Rugged durable and easy to use
- Efficient thermal and visual imaging
- Precise reliable temperature measurement
- Fully onboard image processing
- Professional inspection and reporting software
- License free and rapid delivery



Call **IPI** - the infrared experts  
**1300 781 701**  
[www.ipi-infrared.com.au](http://www.ipi-infrared.com.au)

IR928+	
<b>Imaging Performance</b>	
Detector Type	Microbolometer UFPA 384 x 288 pixels, 35 μ m/25 μ m
Spectral Range	8-14 μ m
Field of View/Focus	14° x 10° /40mm
Thermal Sensitivity	≤0.08°C at 30°C
<b>Visual</b>	
Built-in Digital Video:	CMOS Sensor, 640 x 480 pixels, 2 <sup>24</sup> colors
<b>Image Presentation</b>	
External Display	4" high resolution color LCD(TFT)
Viewfinder	0.25" built-in high resolution color LCD(TFT)
Video Output	PAN/NTSC, composite video
<b>Measurement</b>	
Temperature Rang	-20°C~+500°C (up to +1500°C optional)
Accuracy	±2°C or ±2% of reading
Measurement Modes	Auto hot-spot trace, 4 moveable spots, 4 moveable areas (min, max, mean), sound alarm, isotherm, line profile
<b>Image Storage</b>	
Type	Removable 256MB Compact Flash Memory Card
Voice Annotation	60 seconds per image
<b>Laser Locator</b>	
Classification	Class 2 semiconductor laser
<b>Power System</b>	
Battery Type	Rechargeable Li-ion battery, field replaceable
External Power Operation	AC adapter 110/220VAC, 50/60Hz
<b>Environmental Specification</b>	
Operating Temperature	-20°C-+60°C
Storage Temperature	-20°C-+60°C
<b>Interfaces</b>	
Remote Control	RS232 serial communication
<b>Physical Characteristics</b>	
Size	148mm x 104mm x 108mm (standard model)
Weight	1.6kg (including battery)

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Technical Specifications