

### Highly Refined IR Thermographic Camera



GUIDIR® IR928+

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 384 × 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





IR928+

### Imaging Performance

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

### Visual

Built-in Digital Video:	CMOS Sensor, 640 x 480 pixels, 2 <sup>24</sup> colors
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### Image Presentation

External Display	4" high resolution color LCD(TFT)
Viewfinder	0.25" built-in high resolution color LCD(TFT)
Video Output	PAN/NTSC, composite video

### Measurement

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

### Image Storage

Type	Removable 256MB Compact Flash Memory Card
Voice Annotation	60 seconds per image

### Laser Locator

Classification	Class 2 semiconductor laser
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### Power System

Battery Type	Rechargeable Li-ion battery, field replaceable
External Power Operation	AC adapter 110/220VAC, 50/60Hz

### Environmental Specification

Operating Temperature	-20°C~+60°C
Storage Temperature	-20°C~+60°C

### Interfaces

Remote Control	RS232 serial communication
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### Physical Characteristics

Size	148mm x 104mm x 108mm (standard model)
Weight	1.6kg (including battery)