



## Professional IR Thermography Camera

Full resolution at an affordable price  
A proven IR thermography tool

### GUIDIR® IR913+

#### Features & Benefits

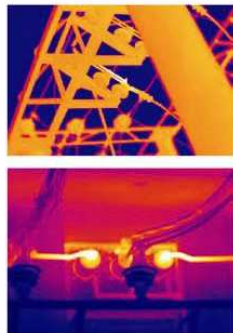
- Precision non-contact temperature measurement
- Fully onboard image processing
- Compact design and easy operation
- Large capacity radiometric image storage
- Professional inspection and reporting software
- License free and rapid delivery



Having pioneered IR thermal imaging technology for years, GUIDIR® IR913+ continues to offer our product users with high efficiency and productivity. With precise temperature measurement, crisp thermal imaging, fully radiometric image storage and analysis, GUIDIR® IR913+ provides an unanticipated choice for powerful thermography tool at an affordable price.

#### Standard Configuration

- Camera with 50mm lens
- 4" LCD screen
- Li-ion battery
- Battery charger
- CF card
- CF card reader
- AC adapter
- Video cable
- Analysis software
- User manual
- Carrying case



## Technical Specifications

Imaging Performance	
Detector type:	Uncooled FPA Microbolometer (320× 240 pixels, 45 μ m)
Spectral Range:	8-14 μ m
Field of View:	18.2° × 13.7°
Image Frequency:	50Hz PAL/ 60Hz NTSC, non-interlaced
Thermal Sensitivity:	0.08°C at 30°C
Electronic Zoom:	×2, ×4 interpolating
Image Presentation	
External Display:	4" high resolution color LCD (TFT)
Video Output:	PAL/ NTSC, composite video
Measurement	
Temperature Range:	-20°C - +400°C (up to +1500°C optional)
Accuracy:	±2°C or ±2% of reading
Measurement Modes:	Spot / manual (up to 4 moveable), spot / automatic placement at max, area (up to 4 moveable) displaying either max, min, or average, isotherm, line profile, auto alarm
Measurement Features:	Automatic correction based on user input for emissivity, reflected ambient temperature, distance, relative humidity, atmospheric transmission and external optics image storage
Image Storage	
type:	Removable 256MB compact flash memory card
File Format:	IMG (An individual file consists of infrared image and voice annotation if any)
Voice Annotation:	8 seconds of digital voice clip per file
Power System	
Battery Type:	Rechargeable Li-ion Camcorder battery, field-replaceable
Battery Operating Time:	Over 3 hours continuous operation
External Power	
Operation:	AC adapter 110/ 220 VAC, 50/ 60Hz
Environmental Specification	
Operating Temperature:	-20°C- +60°C
Storage Temperature:	-20°C- +60°C
Humidity:	Operating and storing 10% to 95%, non- condensing
Encapsulation:	IP54 IEC 529 housing
Shock:Operational:	25G, IEC 68-2-29
Vibration: Operational:	2G, IEC 68-2-6
Interfaces	
Remote Control:	RS232 serial communication
Physical Characteristics	
Weight:	1.5Kg (including battery)
Size:	164mm x 90mm x 98mm (Standard Model)
Tripod Mounting:	1/4" - 20