

GUIDIR® H3

Robust & Fast-shot Thermographic Camera



Rugged, robust, high performance and bottommost price, H3 opens a large new market in the industrial temperature measurement. Ergonomically designed for either hand handling, one button for shoot-and-save easy operation, it is an ideal tool for routine thermal inspection. H3 will be your best helper bringing whatever you expect. With super rugged housing and rubber protection, H3 is far more robust and shock-resistant for any tough working environment. Featured with latest PIP& IR Fusion technology, it helps you pinpoint the problem exactly with the most efficiency. H3 is unbeatable for trouble shooting electrical installations, electro-mechanical equipment, process instrumentation, HVAC equipment, building inspection and wherever just limited by your imagination.

Applications

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

Features and Benefits

- 2 Mpixels CMOS
- Ergonomically for handing and easy operation
- Crisp vivid thermal & visual image
- PIP, IR infusion
- License free & rapid delivery



H3	
Thermal:	
Detector Type	Microbolometer UFPA (160 x 120 pixels, 25 μ m)
Spectral Range	8-14 μ m
Field of View	20.6° x 15.5°
Focus	11mm
Thermal Sensitivity	≤0.1°C @30°C
Image Display	256 level, 8 palettes (Rainbow, Iron, B&W, etc)
Visual:	
Built-in Digital Video	CMOS Sensor, 1600 x 1200 pixels, 2 ²⁴ colors
External Display	3.6 " TFT high resolution color LCD
Temperature Range	-20°C-+250°C
Accuracy	±2°C or ±2% of reading
Measurement Modes	Spot analysis, Picture-in-picture, IR Fusion
Image Storage	
Type	Mini SD card (2G)
File Format	Standard JPEG
Voice Annotation	60 seconds
System Status Indication	
LCD Display	Status of battery, indication of power
Sound Alarm	Automatic alarm for power shortage
Laser Locator	
Classification	Semiconductor A1GaInP Diode Laser
Power Supply	
Type	110/220V AC adaptor AA Alkaline battery
Operating Time	Over 2 hours continuous operation
Charging System	AC adaptor or in external battery charger
Environmental Specification	
Operating Temperature	0°C-+50°C
Storage Temperature	-20°C-+60°C
Humidity	Operating and storing 10% to 95%, non- condensing
Encapsulation	IP54
Shock	Operational: 25g, IEC 68-2-29
Vibration	Operational: 2g, IEC 68-2-6
Drop Test	2 meters
Interfaces	
USB2.0	Image (thermal & visual), measurement, and voice transfer to PC
Physical Characteristics	
Size	111mm x 124mm x 240mm
Weigh	0.73kg (including battery)
Color	Yellow&blue interlaced or red&grey interlaced alternative