



Portable Handheld Thermal Viewer

See the unseen
Prevent the unpredictable

GUIDIR® IR512+

Features & Benefits

- Versatile & portable
- Easy to use
- Crisp & sharp long range imaging
- Plug-and-play compatibility

- Military standard quality
- License free & rapid delivery



Backed by the world class IR thermal vision technology, GUIDIR® IR512+ allows for complete visibility in total darkness over long distance. Rugged and easy to use, it enables swift detailed imaging, provides superior reliability and enhances security for either mobile or fixed applications. Absolutely it is the industry standard for security professionals, law enforcement agencies and safety departments.



Standard Configuration

IR512+ thermal camera
90mm IR lens
CRT viewfinder
Li-ion battery & battery charger
Video cable
RS 232 cable
Operation Manual
Carrying case

Technical Specifications

Imaging Performance	
Detector Type:	Uncooled FPA microbolometer
	320× 240 pixels, 45 μm
Spectral Range:	8-14 μm
Field of View:	9°×6.8°
Thermal Sensitivity:	0.08°C at 30°C
Gain & Offset:	Auto & manual control
Electronic Zoom:	×2, ×4 interpolating
Image Presentation	
Video Output:	PAL or NTSC, composite video
Integrated Display:	CRT viewfinder
Image Color:	B & W, B & W inverse, multiple colors (9 palettes available)
Power System	
Battery Type:	7.2V rechargeable Li-ion Battery
Battery Operating Time:	2 hours continuous operation
External Power Operation:	AC adapter 110/ 220VAC, 50/ 60 Hz
Environmental Specification	
Operating Temperature:	-40°C - +50°C
Storage Temperature:	-40°C - +60°C
Humidity:	Operating and storing 10% to 95%, non-condensing
Shock:	GJB
Vibration:	GJB
Physical Characteristics	
Weight:	2.0 Kg
Size:	232mm× 103mm× 126mm
Tripod Mounting:	1/4" - 20