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# Capital Services System

## Portable Handheld Thermal Viewer

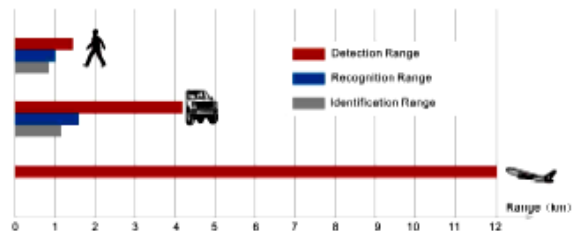
See the unseen  
Prevent the unpredictable



Backed by the world class thermal vision technology, IR 519 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

- IR 519 thermal camera
- 90mm IR lens
- OLED viewfinder
- Li-ion battery & battery charger
- Video cable
- RS 232 cable
- User Manual
- Carrying case



### Technical Specifications

Imaging Performance	
Detector Type:	Uncooled FPA microholemeter
	384 X 288 pixels 35 μm
Spectral Range:	8 – 14 μm
Field of View:	8.5° X 6.4°
NETD:	≤ 80 mk
Gain & Offset:	Auto & manual control
Electronic Zoom:	X2, X4 by interpolating
Image Presentation	
Video Output:	PAL or NTSC, composite video
Integrated Display:	OLED viewfinder
Image Color:	B&W, B&W inverse (pseudo color optional)
Power System	
Battery Type:	7.2V rechargeable Li-ion Battery
Battery Operating Time:	2 hours continuous operation
External Power Operation:	AC adapter 110V/220VAC, 50/60 Hz
Environmental	
Operating Temperature:	-20°C - +50°C (-40°C - +60°C optional)
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 X 103mm X 126mm
Tripod Mounting:	1/4" - 20

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