



Advanced Sighting Systems by ELCAN



Part Number: PiR-50

**DESCRIPTION**

The **PhantomIR** is a rugged lightweight infrared binocular system that uses the latest in low-power, compact, uncooled thermal technology. The PhantomIR has been deployed with U.S. forces into combat situations and is the premier medium range thermal binocular on the market today. Unlike image intensification night-vision devices that only magnify existing light, thermal imaging cuts through darkness, through smoke, dust and most fogs. Despite its advanced technology, the PhantomIR is surprisingly affordable for small or large-scale deployment. The PhantomIR was developed for the following medium range applications:

- Military operations
- Border security
- Commercial and military perimeter security

**KEY FEATURES**

- 320 x 240 uncooled microbolometer
- Rugged design with aluminum housing surrounded by a santoprene cover
- 2X and 4X electronic zoom function
- Digital magnetic compass, tilt and elevation readings



**Includes:**

- Four (4) AA Lithium batteries
- Lens cleaning kit
- Neck cord
- Hard carrying case
- Operator's manual

**Options:**

- Video Cable
- AC Power Adapter
- DC Power Adapter
- Picatinny Rail Mount
- Shoulder Harness
- Heavy Duty & Soft Carrying Case
- Battery Recharger
- Tripod

Battery	Four (4) AA Lithium Batteries
Battery Life	6 hrs with Lithium
External Power	Optional AC / DC Power Adapters
Field of View	11 x 8.25 degrees
Dimensions	305 (L) x 178 (W) x 89 (H) mm
Weight	1.54 kg with batteries (3.4 lbs)
Magnification	2.2x standard, 4.4X & 8.8X with zoom engaged
Lens	50mm, f1.0
Detection	1100 meters (human) 2700 meters (vehicle)
Display	640 x 480 Color VGA Display
Polarity Control	Black Hot and White Hot
Video out format	NTSC or PAL via BNC connector

**Authorized Dealer**



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