

# SENTINEL (640)

LONG RANGE THERMAL BINOCULAR



The SENTINEL (640) utilizes a large diameter Germanium lens to extend its observation range beyond 2,500m. The SENTINEL (640) is an advanced thermal imaging binocular with a wide variety of tactical, law enforcement, border security and special forces applications. The SENTINEL (640) utilizes a high-resolution uncooled thermal sensor to perceive differences in the thermal signature of objects within the field of view. This device can detect objects at remote distances 24 hours a day, through smoke, fog or camouflage. This device does not produce any audible sounds while in operation.

Sensor	SENTINEL (640)
Resolution (pixels)	640x480
Operating wavelength (μ)	8 - 14
Sensitivity (mK @F1.0)	<40
Video Output	PAL
DRI range (m): Human Tank	2,500/625/313 6,800/1,700/850
Optics	
Objective focal length (mm)	75
Field of view (°)	8.3x6.2
Eye relief (mm)	25
Dioptric correction	-6 to +2
Zoom	Fixed 2x, 3x, 4x, plus continuous zoom
Mechanics, Electronics & Environmental	
Dimensions (mm)	208x89x146
Weight without batteries (g)	1030
Battery type	6x AA
Battery life (hours)	8
Operating Temperature (°C)	-40 to +50

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## DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- 6x AA battery
- Video cable
- USB cable
- Lens cover
- Lens cleaning cloth
- Operation manual

## OPTIONAL ACCESSORIES



Hard Case



Tripod



TVSD



Controls