

SENTINEL

LONG RANGE THERMAL BINOCULAR



Display

The SENTINEL utilizes a large diameter Germanium lens to extend its observation range beyond 1,700m. The SENTINEL is an advanced thermal imaging biocular with a wide variety of tactical, law enforcement, border security and special forces applications. The SENTINEL 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 and does not produce any audible sounds while in operation.

Sensor	SENTINEL
Resolution (pixels)	384x288
Pixel size (µM)	17
Operating wavelength (µ)	8 - 14
Sensitivity (mK @F1.0)	<70
Video Output	PAL
DRI range (m)*	2,500/625/313
Optics	
Objective focal length (mm)	75
Field of view (°)	5.0x3.7
Eye relief (mm)	25
Dioptric correction	-6 to +2
Zoom	2x, 4x
Internal recording module	Optional
Mechanics, Electronics & Environmental	
Dimensions (mm)	208x146x90
Weight without batteries (g)	1,030
Battery type	4x AA or 6x AA
Battery life (hours)	6
Operating Temperature (°C)	-40 to +50
Waterproofing	MIL-STD-810G

*Maximum Detection/Recognition/Identification to human-sized target

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DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- 4x AA or 6x AA battery
- Video cable
- USB cable
- Lens cover
- Lens cleaning cloth
- Operation manual

OPTIONAL ACCESSORIES



Hard Case



Tripod



TVSD