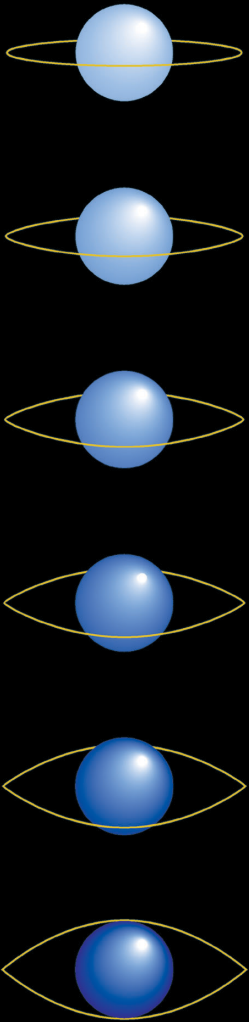


# IRBIS 6x

Night Weapon Sight





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## Night Weapon Sight

### Description

IRBIS 6x is part of OIP Sensor Systems' wide range of observation and aiming night sights. IRBIS 6x is a completely integrated, rugged, compact and high performance passive night weapon sight with a 6x magnification for medium and long-range applications. IRBIS 6x features a red coloured, electronic adjustable reticle. An integrated bracket permits mounting on all types of machine guns, rifles and anti-tank weapons.

### Design features

The full refractive objective design results in a rugged, compact and lightweight aiming sight offering improved stability and weapon balance. The IRBIS 6x sight is designed to fit the latest technology of image intensifier tubes. The system has especially been designed for easy left and right hand operation. The red coloured electronic reticle can be adjusted in elevation, azimuth and intensity. The objective of IRBIS 6x is protected by an objective cap featuring an integrated day training filter, enhancing the dynamic range of the system from covert night to bright sunlight conditions.

### FEATURES

- Completely integrated system
- Ergonomic design
- Lightweight
- Compact
- High boresighting stability
- Coloured reticle
- Adjustable reticle intensity
- Left and right hand operation
- Integrated day training filter
- Battery-low indicator
- Automatic Brightness Control (ABC)
- Operation under severe conditions
- High performance
- High reliability
- Low cost of ownership

### Options

- Built-in laser protection
- Custom-made reticle pattern
- Tripod for observation

### Quality

The quality management system applied by OIP Sensor Systems for design, development and manufacturing of opto-electronic systems, is compliant with and includes the requirements of ISO 9001:2000, AQAP-110 Ed.2, ECSS-Q-20A and has been certified by the British Standard Institute under certificate N° FM 80768.

## TECHNICAL SPECIFICATIONS

### Optical

Magnification	: 6x
Field of view	: 6°
Focus setting range	: 25 m to infinity
Dioptr setting	: from -5 to +2
Exit pupil size	: ≥ 10 mm
Eyerelief	: ≥ 30 mm
Objective provided with integrated day training filter	

### Reticle

Colour	: red
Intensity	: adjustable
Adjustment range	Azimuth : -14 to +14 mrad
	Elevation : -17 to +17 mrad
Adjustment steps	: 0.2 mrad

### Mechanical

Mass (excl. batteries, incl. bracket)	: ≤ 1270 gr
Dimensions (LxHxW)	: 280 x 110 x 95 mm

### Power

Battery voltage	: 2.7 VDC nominal (2.1 to 7.0 VDC)
Battery size	: 2x 1.5 VDC Alkaline
	2x 1.24 VDC NiCd or NiMH
Battery life	: ≥ 100 hours
Polarisation protected	
Low battery indicator in eyepiece	

### General

Operation temperature	: -32°C to +55°C
Storage temperature	: -40°C to +71°C
Environmentals	: MIL-STD-810E

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