



OB 50

Individual weapon sight

- > I² TUBE TECHNOLOGY
- > EASY TO OPERATE
- > LIGHTWEIGHT
- > RUGGEDIZED

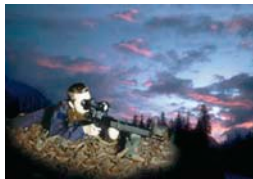


OB 50

Individual weapon sight



Compact and extremely light, the OB 50 is particularly suitable for night observation and aiming (infantry weapons and rocket launchers).



The sight is very easy to operate. The OB 50 is mounted on the weapon via a NATO boss.

Two knurled knobs provide for sight/weapon alignment by day (with protective mask) or night.

The OB 50 sight meets the most stringent military specifications, and is in service with many elite units and armies worldwide.



Presentation

- The OB 50 sight is compatible with all SuperGen or Gen III 18 mm tubes.
- The aiming graticule is projected behind the I² tube to ensure total discretion.
- Graticule intensity is continuously adjustable for adaptation to any ambient night conditions.
- Various types of standard graticule are available, and can also be adapted to meet specific user requirements.
- Graticule power on/off and intensity adjustment functions are combined in a single control knob.

- More than 10,000 already ordered
- Compact
- Light
- User-friendly
- Ruggedized

Technical specifications

Optical

- Magnification: x 3.2 (x 4 optional)
- Field: 11° (20 m at 100 m)
- Resolution: 2.5 pl/mrad
- Focus range: fixed from 30 m to infinity
- Objective:
 - focal length: 90 mm
 - aperture: F/1.6
- Eyepiece:
 - focal length: 28 mm
 - eye relief: 35 mm
 - adjustment: - 4 to + 2 dioptres

Mechanical

- Weight with batteries: 950 g
- Length without eye-cup: 225 mm
- Diameter: 65 mm
- Angular change/increment: 0.35 mil

Electrical

- Power supply:
 - 2 x AA 1.5 V
 - 1 x BA 1567U 2.7 V
 - 1 x BA 5765U 2.7 V
 - 1 PS 31 3.6 V

- Autonomy: 60 hours at 20°C and with PS31

Intensifier tube

- Type: 18 mm inverter microchannel type
- Generation: 2nd, 2nd Plus, 2nd Super, 3rd

Environmental

- Operating: - 40°C + 52°C
- Storage: - 55°C + 65°C
- Humidity: 95% at 40°C



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