

# Small Gun Mount Periscope

## Day/night channel with image amplifier tube



- High optical quality despite small size makes it ideal for small weapon turrets and gun mounts
- Optimized integration for day and night channel
- Armoured to protect against splintering following a direct hit
- Day and night observation through one eyepiece
- Same field of view for day and night
- Large field of view for ballistic shot with automatic grenade launchers
- Good overview in WFOV and precise reconnaissance and targeting at long range in NFOV in both day and night channel



We make it visible.

## Optical Data

### Day channel

Magnification	2x/6x
Fields of view	27° WFOV, 9° NFOV
Common reticle	Target marks for day/BiV with support leads for different weapons
Reticle adjustment	±7 mrad
Coordination	600 m parallax free
Exit pupil	6 mm diameter
Exit pupil distance	Approx. 25 mm from last lens vertex
Dioptre adjustment	-4 dpt to +4 dpt
Sun protection filter	10% swing-in
Laser protection filter	1064 nm L5 ( $\tau < 10^{-5}$ )*

### BiV channel

Magnification	2x/6x
Fields of view	27° WFOV, 9° NFOV
Ranges	at 3 mlux, target 2.3 m x 2.3 m, 30 % contrast, 10 % Remission
■ Recognition	1,200 m
■ Identification	700 m
Focusing range	20 m – ∞
Exit pupil	6 mm diameter
Exit pupil distance	Approx. 25 mm from last lens vertex
Reticle adjustment	±7 mrad
BiV tube	Gen 2+

### Electrical data

Power supply	24 V (internal power supply complies with VG 96916)
Current consumption	Max. 700 mA

### Ambient conditions

Environmental test	MIL STD 810E (excerpt)
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\*Other wavelengths upon request

## Mechanical Data

### Size

Length	440 mm
Width	230 mm
Height	250 mm
Weight	< 15 kg

### End housing

Elevation range	-12° to +62° azimuth, Lateral: locked to weapon Guidance via weapon mount
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### Viewing window

DAY/BiV	Glass window with scratch-proof anti-reflection coating
Impermeability	500 mbar, 60 min

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