

ASIO NV

Night vision monocular



ASIO NV is a night vision multi-purpose monocular. Lightweight and compact, it is intended for observation, surveillance, navigation, or to be used as short to medium ranges weapon sight. ASIO NV utilizes high performance image intensifier tube with integrated power supply, which provides Automatic Brightness Control (ABC) and Bright Source Protection (BSP) to guard against exposure to high levels of light. ASIO NV can be hand-held or worn on a head-mask/helmet for hands-free use.

Features and Benefits

Lightweight, rugged, humidity protected,
left or right eye positioning,
Build-in IR illuminator for map reading,
IR operation indicator,
Low battery indicator,
Flip-Up/Flip-Down position

Application

Handheld goggles
Observation-Navigation/Driving-Map Reading
Head Mask/Helmet mounted
Hands Free operation - Navigation, Engagement
-Weapon mounted-Short Range Rifle Scope
Compatible with Red Dot/Reflex Sight

Optics

- Focus range 25 cm to infinity
- Field of view 45°
- Dioptar adjustment -4 Dptr to +3 Dptr
- Exit pupil 10 mm
- Eye relief 20mm

Image intensifier tube

- Standard HD 2100 (GEN II+)
- Option HD 1520 (GEN III)

Electronics

- Input voltage 2,5-3,6 V DC
- Power source CR 123 3.6 V
- Voltage reversal protection protected
- Switch ON/OFF/IR
- IR Indicator FOV Eyepiece
- Low Battery Indicator FOV Eyepiece
- Battery life Min. 40 hours

Environmental parameter

- Operating temperature -30°C to +55°C
- Storage temperature -40°C to +65°C

Physical characteristics

- Weight ≤ 400 g
- Size 150 mm x 52 mm x 57 mm
- Mounting Ring adapter

