

# NSV 1000

## Night Sight Attachment



The NSV 1000 night sight attachment is a compact residual light intensifier used together with day optics.

- Latest Gen2 tubes (FOM  $\geq 1600$ )
- Integrated maintenance management
- Manual brightness control; optional remote control
- Picatinny rail on the top of the housing optionally available



We make it visible.

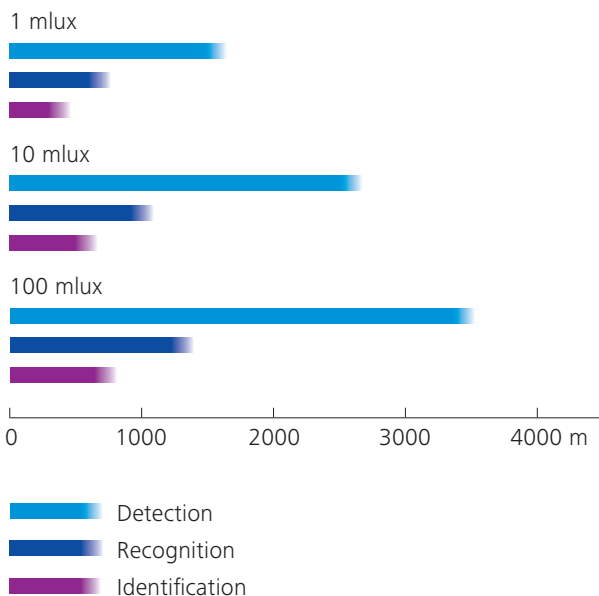
## NSV 1000 Night Sight Attachment

The NSV 1000 night sight attachment is a compact residual light intensifier used together with day optics. The major benefit of this clip-on solution is that the day optics do not have to be removed when vision is limited. Users do not have to think about which system to use.

The NSV 1000 is a balanced mix between high performance and moderate weight/dimensions. It is suitable for snipers' weapons. A borehole on the top of the housing permits the installation of a Picatinny rail (MIL-STD 1913). This enables the attachment of additional equipment, e.g. an IR illuminator. The height of the assembly on the weapon can be adjusted, making it possible to use the NSV 1000 on different weapons.

The integrated maintenance management system enables the user to export vital information about the intensifier tubes such as service hours, on/off cycles or installation date.

### Detect, recognize and identify with target sizes 1.7 m x 0.6 m; 4x magnification



## Technical Data

### Optical data

Objective lens focal length	125 mm
Magnification	1x
Entrance pupil	85 mm
Exit pupil	24 mm
Field of view	8° (140 m/ 1000 m)
Angular resolution	
in the center	≤0.25 mrad
Range setting	20 m to ∞

### Dimensions and weight

NSV 1000	205 x 112 x 99 mm (L x W x H); 1.15 kg, including battery
Interface	Rail (MIL-STD 1913)

### Electrical data

Power supply voltage	1.2 to 3.6 V
Battery size	1x AAignon
Service life	≥50h with alkali manganese battery (1.5V; AA)
BiV tube	XD 4 or XR 5
Generation	HyperGen, performance en- hanced with automatic bright- ness control, manual gain control

### Environmental sturdiness

Operating temperature	-40°C... +52°C (-40°F...+125.6°F)
Environmental test	DIN ISO 9022 (excerpt)

### Delivery package

Item	Cat. no.:
NSV 1000	330271-9001-000
Storage case	10180002
Carrying case	10189904
Accessory set	10178542
Users manual	BeAn 330271-0000-000
Battery (2x)	10057811

**Carl Zeiss Optronics GmbH**  
Carl Zeiss Group  
35576 Wetzlar  
Germany  
Phone: +49 (0) 64 41 404-380  
Fax: +49 (0) 64 41 404-322  
optronics@zeiss.de  
www.zeiss.com/optronics

**Carl Zeiss Optronics USA, Inc.**  
1330 Lady Street  
Suite 505  
Columbia, SC 29201  
USA  
Phone: +1 (803) 733-9074  
Fax: +1 (803) 748-7526

**Carl Zeiss Optronics (Pty) Ltd.**  
Nellmapius Drive  
Irene, Centurion  
0157  
South Africa  
Phone: +27 12 674 0215  
Fax: +27 12 674 0198