



Raysun NVS-7

Multi-purposed Night Vision Goggles

1. Head-wear
(1x lens)



2. Helmet-wear
(1X lens)



3. Add a 4X lens



4. Work with a 20X zoom lens



5. C-work with our 680mm Spot-Scope for long distance



Specifications:

Model	NVS 7-2/XT
Image Intensifier Tube	18 mm HyperGen
Grade	XT
Photocathode operating diameter, mm	18
Photocathode type	S-25
Resolution, min, Lp/mm	57-64
Photocathode sensitivity, $\mu\text{A}/\text{lm}$	600-750
Luminous Gain, fL/fc, min	40,000 fL/fc at 10^{-6} fcd
Image magnification	1
Dark background brightness, max. cd/m^2	1.5×10^{-3}
Signal-to-noise ratio, min.	20-23
Current consumption, max, mA	16
Mean time before failure, hours	10,000
Keep time, years	15
Magnification	1x (can add 4x or 5X lens directly, option)
Field of view	40°
Objective focal length, mm	25 ~ ∞
Objective F number	1.2
Eye relief, mm	25
Interpupillary distance, mm	57-73
Focus range, m	0.25
Dioptric correction	±5
Power supply	Standard AA batteries *2
Battery life, hours	80 (I/R off) above 40 (I/R on) above
Low battery indicator	✓
I/R ON indicator	✓
Dimensions (include 1X lens), mm	Approx. 183x132x58
Weight (include 1X lens), g	550

- Built-in **Gen 2+** Image Intensifier Tube (IIT), with high FOM above 1260.
- Integrated power supply, provides Automatic Brightness Control (ABC) and Bright Source Protection (BSP) to guard against exposure to over brightness (Automatically shut down to protect IIT).
- Built-in 5mW infrared illuminator to enhance the illumination under low light condition.
- Various optional C-mount objective lens (4X, 20x or others) can be used for long distance monitoring.
- Compact, enduring construction, light weight, waterproof and easy operation.

Standard package:

- (1). Main body of NVS-7
- (2). Standard 25mm lens(1x) Head gear
- (3). Carry bag (with operation manual)

Options:

- (1). 4x lens
- (2). 20x zoom lens (10~200mm, F1.9)
- (3). 680mm Spot-Scope
- (4). Helmet mount

