



GENERAL DESCRIPTION

NVG1001 night vision goggle is a Battle-proven technology designed for the most demanding of night time applications and rigors of combat. It is used in many special operations by elite armed forces and enables the user to perform a variety of tasks at night such as walking, driving, weapon firing, patrol, map reading, vehicle maintenance and administering medical aid. It comes with a built-in infrared light source with momentary or continuous switching function to dose-in viewing under zero light conditions and optional IR spot / flood

lens to focus the diffused IR light source and intensify the beam.

NVG1001 is also available with 4X and 6X objectives called NVB700 and NVB800 for general purposes observation and surveillance. The units have the same chassis of NVG1001 to offer the proven performance and reliability of 18 mm super generation image intensifier tube and objectives similar to NVS700 individual and NVS800 crew served weapons which is a big advantage for logistic support purposes.

FEATURES

- Light weight.
- Ergonomic in design.
- Rugged construction.
- Easy operation and maintenance.
- 18mm super generation image intensifier tube to offer
- Crystal clear super bright viewing in visible and near infrared.
- Capability of continuous, passive operation over a 15-hour period without battery replacement.
- Modular construction.
- Comprehensive two-year warranty.



APPLICATIONS

- Nocturnal observation, target location, perimeter
- Surveillance and reconnaissance for tank commanders, forward
- Area observers, boarder
- Patrols/customs and Special Forces.
- Command and control.
- Rapid night time artillery fire control.
- Terrain navigation.
- Selection of fighting positions.
- Search and rescue.
- Law enforcement, drug control.

TECHNICAL CHARACTERISTICS

Magnification (Nominal)	x1	x3.6	x5.9
Field of view	40°	10.8 degrees	6.6 degrees
Resolution power	0.68 (cy / mr)	2.44 (cy/ mr)	4 (cy/ mr)
Range (Human Target, 30%)	150 m (Star)	300 m (Star)	350 m (Star)
Contrast)	200m (Moon)	600 m (Moon)	700 m (Moon)
Objective focal length	26 mm	95 mm	155 mm
T number (Nominal)	T/1.30	T/1.70	T/1.70
Focusing range	25 cm to ∞	10 meters to ∞	20 meters to ∞
Eyepiece focal length	26 mm	26 mm	26 mm
Diopter adjustment	-6 to +2 diopters	+2 to – 6 diopters	+2 to – 6 diopters
Interpupillary adjustment	55 to 71 mm	55 to 71 mm	55 to 71 mm
Battery	(2) AA or (1) BA-5567/U	(2) AA or (1) BA-5567/U	(2) AA or (1) BA-5567/U
Operating temperature range	-51° c to 45° c	-51° C to + 45°C	-51° C to + 45°C
Storage temperature range	-51° c to 71° c	-51 to 71°C	-51 to 71°C
Weight (with head mount)	680 GR	1.4 Kg	3.4 Kg
Physical Dimensions (Length x Diameter)	162 x 152 mm	260 x 150 mm	350 x155 mm
	Nominal	Nominal	Nominal