



NVG-7

Night Vision Goggle

Description

- The NVG-7 is a Single Tube Night Vision x1 magnification Goggle. It is intended for Observation, Surveillance and Land Navigation providing increased Versatility while eliminating the need to carry multiple types of specialized equipment
- Lightweight, Ridged and well Balanced, NVG-7 can be hand-held or worn on a head-mask for hands-free operation and it is fully compatible with all types of laser designators.
- NVG-7 utilizes Generation II or Generation III High Performance Image Intensifier Tube with an integrated power supply, which provides Automatic Brightness Control (ABC) and Bright Source Protection (BSP).

Features

- Lightweight, Rugged, Humidity Protected
- NBC compatible
- Build-in IR illuminator for map reading
- Momentary IR switch
- IR operation indicator
- Low battery indicator
- 3 axis mounting adjustments
- Flip-Up/Flip-Down position with automatic shut down
- Automatic shut down when detached from mask
- Built-in sensor for High Light automatic shut down
- Low-battery indicator
- IR indicator
- A-focal Clip-On Objective x3; x4;(Optional)

Content

- NVG-7 Night Vision Goggle
- Face mask with 3 axis movement adapter
- Objective lens cover
- Objective lens sacrificial window
- Eye-guard for each eyepiece
- Demist shield for each eyepiece
- 1.5VDC AA-type two batteries
- Neck cord
- Set of Optical cleaning paper
- Soft carrying bag
- Operational manual
- A-focal Clip-On Objective x3; x4; (Optional)

Specification

Optical

- Magnification: X1
- Field of View (FOV): 40°
- Objective focal length: 26 mm
- Focus range: 0.25m to infinity
- Diopter adjustment: -2 to +6
- Exit Pupil/Eye relief: 10mm/15 mm
- Interpupillary Distance: 55÷71 mm
- A-focal Clip-On Objective: Optional

Mechanical

- Goggle weight w/o mask: 570 gr
- Face-Mask adjustments: 3 axis adjustment
- Flip-up/Flip-down: Automatic Shut-off

Electrical

- Input voltage: 2.2 to 3.1 VDC
- Battery type: 2 AA or NiCd
- Battery life: 40h minimum
- Voltage Polarization: Protected
- Electrical switch: OFF/ON/pull IR/IR
- IR Operation Indicator: Eyepiece FOV
- Low Battery Indicator: Eyepiece FOV

Environmental

- Operating temperature: -45°C ... +51°C
- Storage temperature: -55°C ... +65°C
- Immersion: 1 m for 30 min.

System Resolution is Image Intensifier Tube performance depended.

Data for information only and subjected for changes without prior notice.

