



# BNVD-SG NIGHT VISION BINOCULAR



## SPECIFICATIONS

WARRANTY:	<b>10 YEARS</b>
GAIN CONTROL:	<b>MANUAL</b>
ADJUSTABLE IR ILLUMINATOR:	<b>YES</b>
FLIP UP, TURN OFF SETTING:	<b>YES</b>
OPTICS:	<b>US MIL SPEC LEGACY</b>
SUBMERSIBLE:	<b>66' FOR 2 HRS</b>
POWER SOURCE:	<b>(1) AA-SIZE BATTERY</b>
OPERATION TIME:	<b>25+ HRS</b>
FOCUS RANGE:	<b>9.8" TO INFINITY</b>
MAGNIFICATION:	<b>ONE POWER (1X)</b>
FIELD OF VIEW:	<b>40°</b>
DIOPTER ADJUSTMENT:	<b>-6 TO +2</b>
EYE RELIEF:	<b>25MM</b>
DIMENSIONS:	<b>4.3" X 4.2" X 3.3"</b>
WEIGHT (W/O BATTERY):	<b>540 G (19 OZ)*</b>

\*PRODUCT WEIGHTS MAY VARY DUE TO MANUFACTURING AND CONFIGURATION PROCESSES.

The **NVD-BNVD-SG Night Vision Binocular** is a dual tube goggle with gain control. The BNVD-SG can be used as a monocular by choosing which side you want to use as your night vision eye and rotate the other side/arm of the binocular up and out of the way. This enhanced capability allows the user to rotate either monocular channel away from their eye while leaving the other monocular channel in place. This provides the operational flexibility to use the BNVD-SG as either a dual-eye or single-eye device. When used as a monocular, the user can operate the BNVD-SG with weapon mounted sighting equipment without sacrificing night-time situational awareness.

The BNVD-SG features a "Tactical Monocular Cutoff", which turns off power to each channel of the binocular whenever a channel is rotated up out of the users' line of sight. This eliminates stray light emitting from the monocular eyepiece, which would reveal the user to anyone else on the battlefield. The BNVD-SG has an automatic system power cutoff whenever the BNVD-SG is flipped up into the helmet mounted stow position, and then powers back on when it is flipped back down. This feature can also be turned off via a four position ON/OFF switch. The BNVD-SG is available with an optional battery pack, which holds 3 "AA" Alkaline batteries for an additional 85+ hours of run time.

With our expansive capabilities and strategic partnerships, we are able to custom build any of our NVD manufactured products with Image Intensifiers from either Elbit Systems of America®, Photonis® or L3Harris®. This includes green and white phosphor and thin or un-filmed image tubes. This system complies with MIL-STD 810G, MIL-PRF-A3256342A(CR) and MIL-PREF-49427(CR).



## STANDARD ACCESSORIES

Soft Carry Case, Demist Shields, Lightweight Sacrificial Windows, IR Spot/Flood Lens, Dovetail Mounting Adapter, Lens Tissue, (2) AA Batteries, Operator's Manual & Card, Neck Cord, Eyecups and Retaining Lens Covers.

## OPTIONAL ACCESSORIES

3X Magnifier, Helmet Mount, Shuttered Eyeguards, Camera Adapter, and Battery Pack for an additional 85+ hours of continual use for extended missions.

BNVD-SG DATA SHEET - REV - FEBRUARY 2025

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