



# UL BNVD-SG NIGHT VISION BINOCULAR

At only 465 Grams, the **UL BNVD-SG, Ultra Light Dual Tube Night Vision Goggle with Single Gain Control** incorporates new high performance optics that are not only much lighter, but also offer higher performance than standard optics. Currently the AN/PVS-14 and most other night vision systems, use optics which were only designed for green (P43) phosphor image tubes. However these new BNVD optics were designed specifically to be optimized for both White (P45) and Green (P43) image tubes.

The UL BNVD-SG includes features not found in other dual tube goggle designs in this weight class. These features include: EMI compatibility, Full Diopter Adjustment Range (-6 to +2), Infrared LED, and most importantly: a close focus range of 9.8 inches. This is critical when trying to read maps or do close up work such as clearing a weapons jam.

The UL BNVD-SG now 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 UL has an automatic system power cutoff whenever the UL 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 UL BNVD-SG is available with an optional battery pack, which holds 3 "AA" 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.



## 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>
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>465 G (16.4 OZ)*</b>

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



## 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.

[UL BNVD-SG DATA SHEET - REV - JULY 2023](#)

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