



UL BNVD-SGC NIGHT VISION BINOCULAR



At 440 grams, the New **Ultra-Light Binocular Night Vision Device – Single Gain Control** integrates improved lightweight hybrid polymer/glass optics, optimized for both green (P43) and white (P45) phosphor image tubes. The improved optics reduce glare from distant bright light sources as well as increase contrast, significantly improving the viewed image. Overall, this offers higher performance than standard glass optics. Despite its Ultra Light weight, the UL BNVD-SGC has enhanced nearly every feature. This includes an improved Diopter Adjustment, a new rotary control switch, and a wider range Spot/Flood setting, providing the end-user with a more intuitive and dependable system. The UL BNVD-SGC is available with an optional battery pack, which holds 3 “AA” batteries for an additional 85+ hours of run time. The UL BNVD-SGC fully meets the latest release of MIL-STD-810H including 66-foot immersion while remaining lighter and more rugged than ever.

The UL BNVD-SGC 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 UL BNVD-SGC has an automatic system power cutoff whenever the UL BNVD-SGC 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.

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:	10 YEARS
GAIN CONTROL:	MANUAL
ADJUSTABLE IR ILLUMINATOR:	YES
FLIP UP, TURN OFF SETTING:	YES
SUBMERSIBLE:	66’ FOR 2 HRS
POWER SOURCE:	(1) AA-SIZE BATTERY
OPERATION TIME:	25+ HRS
FOCUS RANGE:	9.8” TO INFINITY
MAGNIFICATION:	ONE POWER (1X)
FIELD OF VIEW:	40°
DIOPTER ADJUSTMENT:	-6 TO +2
EYE RELIEF:	25MM
DIMENSIONS:	4.3” X 4.2” X 3.3”
WEIGHT (W/O BATTERY):	440 G (15.5 OZ)*

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



STANDARD ACCESSORIES

Soft Carry Case, Demist Shields, 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, Lightweight Sacrificial Windows, Helmet Mount, Shuttered Eyeguards, Camera Adapter, and Battery Pack for an additional 85+ hours of continual use for extended missions.

UL BNVD-SGC DATA SHEET - REV - MAY 2025

NVDEVICES.COM » **610-395-9743** » **SALES@NVDEVICES.COM**

Specifications subject to change without notice. Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State Office of Defense Trade Controls prescribed in the International Traffic in Arms Regulation (ITAR), Title 22, Code of Federal Regulations, Parts 120-130. Approved for public release under International Traffic in Arms Regulations (ITAR) 22CFR 120.11

