



BNVD-SGC NIGHT VISION BINOCULAR



The next generation **Binocular Night Vision Device – Single Gain Control**, is the culmination of improvements to the rugged and proven BNVD-SG system. Utilizing feedback from thousands of end-users, the BNVD-SGC introduces a new rotary control switch. The single switch controls system power, gain, and auxiliary functions, providing intuitive control with a substantially lower weight. The BNVD-SGC also includes an improved Diopter Adjustment Assembly with reduced backlash, tighter feel, and improved strength. The IR Spot Flood Assembly has been upgraded to provide a wider Flood setting, filling the entire field of view, as well as a more concentrated Spot setting to illuminate hallways and caves void of light. The BNVD-SGC comes standard with Lightweight Sacrificial Windows which can be threaded into the Objective Lenses to provide protection while still allowing the use of the Lens Covers. Like its predecessor, the BNVD-SGC features diopter focus from +2 to -6 diopters, a close focus of 9.8 inches (25 cm), and fully meets the latest release of MIL-STD-810H including 66-foot immersion.

The 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.

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):	520 G (18.3 OZ)*

*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.

