



# BNVD-SG UL | SINGLE GAIN

## NIGHT VISION BINOCULAR



The new BNVD-SG (Single Gain) Ultra-Light (UL) is built around lightweight high-performance optics optimized for White (P45) and Green (P43) phosphor tubes. Single gain control allows image brightness adjustment with just one knob for both channels. In monocular mode, when one channel rotated up and out of the way, it is switched off to prevent unwanted exposure. Whenever the BNVD-SG UL is flipped up, it automatically switches off, and switches back on when flipped down. The BNVD-SG UL is built using a variety of Harris and L-3 image intensifier tubes.

### FEATURES

- SINGLE GAIN CONTROL FOR BOTH CHANNELS
- OPTIMIZED FOR WHITE PHOSPHOR IIT
- CONVERTS TO A MONOCULAR
- SWITCHES OFF UNUSED CHANNEL
- SWITCHES OFF/ON - ON FLIP UP/DOWN
- RUNS ON ONE "AA" BATTERY
- VARIETY OF GEN 3 IIT
- SUBMERSIBLE TO 66FT (20M) FOR 3 HOURS

### SPECIFICATIONS

Field of View	40°
Magnification	One Power (1X)
Diopter Adjustment	-6 to +2 Diopters
Gain Control	Single Knob
Interpupillary Adjustment	51mm to 76mm
Eye Relief	25mm
Focus Range	9.8" to infinity
Power Source	1 AA-Size Lithium Battery
Operation Time	40+ Hours / Lithium Battery
Weight (w/o batteries)	16.4 oz (465 g)
Dimensions	4.25"L x 3.8"W x 3.3"H

### IMAGE INTENSIFIER TUBE (IIT) SPECIFICATIONS

GEN III TUBE:	White Phosphor FOM 2000+	White Phosphor FOM 1900	White Phosphor FOM 1600
Power Supply:	Gated	Gated	Gated
Resolution:	64 lp/mm min.	64 lp/mm min.	64 lp/mm min.
Max Spots Allowed in Each Zone. Zone, Spot Size (in.)	ZONE 1__2__3	ZONE 1__2__3	ZONE 1__2__3
.....> .009 - .012	0__0__0	0__0__0	0__0__1
.....> .006 - .009	0__0__1	0__1__1	0__2__2
.....> .003 - .006	0__0__2	0__2__2	0__2__3

*Additional options available please call for more information.*



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