

# MINI BNVD AA 16mm



## SPECIFICATIONS

POWER SOURCE:	<b>(1) AA-SIZE BATTERY</b>
FOCUS RANGE:	<b>9.8" TO INFINITY</b>
OPERATION TIME:	<b>20+ HRS, 1 ALKALINE BATTERY 40+ HRS, 1 LITHIUM BATTERY</b>
MAGNIFICATION:	<b>ONE POWER (1X)</b>
FIELD OF VIEW:	<b>38°</b>
DIOPTER ADJUSTMENT:	<b>-6 TO +2</b>
EYE RELIEF:	<b>25MM</b>
WEIGHT (W/O BATTERY):	<b>SUB 395 G (13.9 OZ)</b>
DIMENSIONS:	<b>4.3" X 4.2" X 3.3"</b>

## FEATURES

- » **TEN YEAR WARRANTY**
- » **LENSES OPTIMIZED FOR WHITE PHOSPHOR**
- » **40+ HOUR BATTERY LIFE WITH LITHIUM AA BATTERY**
- » **TACTICAL MONOCULAR CUTOFF**
- » **UTILIZES 16MM PHOTONIS 4G® IMAGE INTENSIFIERS**
- » **POWER OFF THE UNIT WHEN IN AN UPRIGHT POSITION AND POWER ON WHEN FLIPPED DOWN**

**PHOTONIS** **4G**  
Night Vision TECHNOLOGY

Night Vision Devices is pleased to announce the **NEW MINI BNVD AA 16mm, Dual Tube Night Vision Goggle with Single Gain Control**. With a system weight of SUB 395 Grams, the new MINI BNVDs are the lightest fully functional dual tube goggles in the world, which utilize 16mm Photonis 4G® Image Intensifiers and include important features such as a fully focusing eyepiece with a diopter focus range of +2 to -6, a close focus range on 9.8 inches (24.8 cm) and a focusable IR Illuminator. The 4G standard is the latest technology in intensified night vision. 4G is specifically designed to address the stringent requirements of special forces operators. Only 4G can offer ultra-fast Auto-Gating, the smallest halo and unrivalled spectral range from ultraviolet to near infrared.

The MINI BNVD runs on one "AA" Battery which powers the system for 40+ hours, and when in conjunction with the optional three "AA" battery pack, the MINI BNVD will run for a continuous 60+ hours.

The MINI BNVD 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 optics were designed specifically to be optimized for both White (P45) and Green (P43) image tubes.

The MINI BNVD also features a "Tactical Monocular Cutoff" which turns off power to each channel of the monocular whenever a channel is rotated up out of the users line of sight. This eliminates stray light from illuminating the users helmet, which would reveal the user to anyone else on the battlefield. The MINI BNVD also has an automatic system power cutoff whenever the system 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 disabled by the end user if needed. The MINI BNVD is submersible to 66 feet (20 meters) for up to 3 hours.

## HELMET MOUNT OPTIONS



The Mini BNVD 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. The arm that is rotated up will automatically turn off and will power back on when rotated down. Each arm is tight enough so that the rotated arm will not fall down, but stay in its user adjusted position. To use as a binocular, rotate both sides down or when night vision is no longer needed, shut off and rotate both sides up and out of the way.

Never before could a binocular remain mounted when sighting with a rifle. The Mini BNVD does not need to be removed. Simply rotate one monocular of the Mini BNVD up and out of the way, so that the user can view through the dayscope & night vision weapon sight.

### MINI BNVD WITH WEAPON SIGHT



### STANDARD ACCESSORIES

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

### OPTIONAL ACCESSORIES

3X Magnifier, G24 Helmet Mount, Shuttered Eyeguards, Camera Adapter, and Battery pack for 50-60 hours of continual use for extended missions.



### MINI BNVD AA WITH OPTIONAL BATTERY PACK