

# BNVD-E NIGHT VISION BINOCULAR



## 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</b> <b>40+ HRS, 1 LITHIUM BATTERY</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>
WEIGHT (W/O BATTERY):	<b>506 G (17.9 OZ)</b>
DIMENSIONS:	<b>4.25" X 3.8" X 3.3"</b>

## FEATURES

- » **TACTICAL MONOCULAR CUTOFF**
- » **SUBMERSIBLE TO 66 FT UP TO 3 HRS**
- » **40+ HOUR BATTERY LIFE WITH LITHIUM AA BATTERY**
- » **IR LED AND LOW BATTERY INDICATOR**
- » **POWER OFF THE UNIT WHEN IN AN UPRIGHT POSITION AND POWER ON WHEN FLIPPED DOWN**

The **NVD-BNVD Binocular** is a dual tube night vision goggle with outstanding depth perception and supportability at an affordable price. Never before could you utilize the depth perception of a collimated dual tube goggle and the convenience of a monocular in one system without switching equipment.

The BNVD is lightweight and can be worn comfortably for extended periods of time. When not in use and rotated upright it should not interfere with anything above the user's head. This reduces risk of damage to the goggle and mount from rapid vehicle exits. With this flexibility there are endless possibilities and combinations.

The NVD-BNVD 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 has an automatic system power cutoff whenever the BNVD 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 BNVD is submersible to 66 feet (20 meters) for up to 3 hours. The BNVD is available with an optional battery pack, which holds 3 "AA" Alkaline batteries for run times exceeding 50 hours.

The BNVD can be used with optional 3X Afocal Magnifiers. Each 3X Magnifier can be either slide onto each objective lens or screw into the threads on the objective lenses. For extended use, it is recommended to screw them on to prevent the lenses from falling off. These magnifiers transform the BNVD into a fixed 3X Magnification Binocular.

With our expansive capabilities and strategic partnerships, we are able to custom build any of our NVD manufactured products with Image Intensifiers from these manufacturers: Harris Corporation®, L3 Insight Technologies®, and Photonis®. This includes green and white phosphor and thin or un-filmed image tubes. This system complies with MIL-STD 810G, MIL-PRF-A3256342A(CR) and MIL-PREF-49427(CR).

## HELMET MOUNT OPTIONS



The 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. 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 NVD-BNVD does not need to be removed. Simply rotate one monocular of the NVD-BNVD up and out of the way, so that the user can view through the dayscope & night vision weapon sight.

## BNVD WITH WEAPON SIGHT



### 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, Compass Assembly, G24 Helmet Mount, Shuttered Eyeguards, Camera Adapter, and Battery pack for 50-60 hours of continual use for extended missions.

