

# BNVDG 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>559 G (19.7 OZ)</b>
DIMENSIONS:	<b>5" X 5" X 3"</b>

## FEATURES

- » **TEN YEAR WARRANTY**
- » **SUBMERSIBLE TO 66 FT UP TO 3 HRS**
- » **40+ HOUR BATTERY LIFE WITH LITHIUM AA BATTERY**
- » **IR LED AND LOW BATTERY INDICATOR**
- » **INDIVIDUAL GAIN CONTROL KNOBS FOR EACH EYE**
- » **POWER OFF THE UNIT WHEN IN AN UPRIGHT POSITION AND POWER ON WHEN FLIPPED DOWN**

The **NVD-BNVDG Binocular** is a dual tube goggle with gain control. Gain Control allows the user to adjust the brightness of the image depending upon the amount of ambient light available. The BNVDG has a separate gain control knob for each eyepiece or arm.

The BNVDG 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. The user can also lower the gain in one eye so that when the binocular is removed one eye is more dark-adapted. The BNVDG has an automatic system power cutoff whenever the BNVDG 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 BNVDG is submersible to 66 feet (20 meters) for up to 3 hours.

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

### BNVDG 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, and Camera Adapter.

