

# MINI B AAA 16mm



## SPECIFICATIONS

POWER SOURCE:	<b>(1) AAA-SIZE BATTERY</b>
FOCUS RANGE:	<b>9.8" TO INFINITY</b>
OPERATION TIME:	<b>10+ HRS</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 375 G (13.2 OZ)</b>
DIMENSIONS:	<b>4.3" X 4.2" X 3.3"</b>

## FEATURES

- ▶▶▶ **TEN YEAR WARRANTY**
- ▶▶▶ **LENSES OPTIMIZED FOR WHITE PHOSPHOR**
- ▶▶▶ **10+ HOUR BATTERY LIFE**
- ▶▶▶ **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

With a total system weight that is less than 375 Grams, the new **MINI B AAA 16mm, Dual Tube Night Vision Goggle with Single Gain Control** is part of NVD's new light-weight product line and is the lightest fully functional night vision dual tube goggle in the market. NVD's MINI B AAA 16mm system variant utilizes 16mm Photonis 4G® Image Intensifiers specifically designed to address the stringent requirements of special forces operators. The 4G® standard is the latest technology in image intensified night vision as it utilizes the entire Visible Near Infrared (VIS-NIR) portion of the spectrum and offers ultra-fast auto-gating, reduced halo and unrivaled spectral range.

The MINI B AAA operates on one "AAA" Battery which can power the system for 10+ hours. This "AAA" battery is housed within a detachable battery compartment which can be removed for additional weight savings when operationally used in conjunction with the system's ancillary battery pack. The battery pack provides the MINI B AAA the ability to operate for a continuous 50+ hours.

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

Like all NVD goggles, this system features our tactical monocular cutoff, a complete diopter focus of +2 to -6, and IR LED and a close focus of 9.8 inches (25 cm) and a 66 foot submersion capability. NVD can additionally deliver many system applicable accessories for end-user kit customization to meet every low-light requirement for ground mission applications.

## HELMET MOUNT OPTIONS



The Mini B 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.

The Mini B does not need to be removed when sighting with a rifle. Simply rotate one monocular of the Mini B up and out of the way, so that the user can view through the dayscope & night vision weapon sight.

### MINI B 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, Retaining Lens Covers and Battery pack for 50+ hours of continual use for extended missions.

#### OPTIONAL ACCESSORIES

3X Magnifier, G24 Helmet Mount, Shuttered Eyeguards, Camera Adapter.

