

# MINI B AA-E 18mm



## SPECIFICATIONS

POWER SOURCE:	<b>(1) AA-SIZE BATTERY</b>
FOCUS RANGE:	<b>9.8" TO INFINITY</b>
OPERATION TIME:	<b>40+ HRS</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>SUB 440 G (15.5 OZ)</b>
DIMENSIONS:	<b>4.3" X 4.2" X 3.3"</b>

## FEATURES

- » **LENSES OPTIMIZED FOR WHITE PHOSPHOR**
- » **40+ HOUR BATTERY LIFE**
- » **TACTICAL MONOCULAR CUTOFF**
- » **COMPLETE DIOPTRER FOCUS OF +2 TO -6**
- » **POWER OFF THE UNIT WHEN IN AN UPRIGHT POSITION AND POWER ON WHEN FLIPPED DOWN**

With a total system weight that is less than 440 grams, the new **MINI B AA 18mm, Dual Tube Night Vision Goggle with Single Gain Control** is part of NVD's new light-weight product line. The system features a "Tactical Monocular Cutoff" which turns off power to each channel of the monocular whenever a channel is rotated up out of the user's line of sight which assists the warfighter in maintaining light-security on the battlefield. The MINI B AA 18mm additionally provides an automatic system power cutoff when the system is transitioned onto the helmet's mounted stow position, and then powers back on when it is flipped back down. This feature can additionally be disabled by the end user if needed.

The MINI B AA 18mm can operate with either one "AA" Battery which powers the system for 40+ hours, or when used in conjunction with the optional three "AA" battery pack, the MINI B AA will run 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 new optics were designed specifically to be optimized for both White (P45) and Green (P43) image tubes.

NVD can customize builds for our MINI B AA 18mm system with image intensifiers from either Elbit Systems of America®, Photonis® or L3Harris®. NVD can additionally deliver many system applicable accessories for end-user kit customization to meet every low-light requirement for ground mission applications. Like all NVD goggles, this system features 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.

## 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) AA Batteries, Operator's Manual & Card, Neck Cord, Eyecups and Retaining Lens Covers.

### OPTIONAL ACCESSORIES

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



### MINI B AA WITH OPTIONAL BATTERY PACK