

# MINI B AAA-E 18mm



## 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 415 G (14.6 OZ)</b>
DIMENSIONS:	<b>4.3" X 4.2" X 3.3"</b>

## FEATURES

- » **LENSES OPTIMIZED FOR WHITE PHOSPHOR**
- » **10+ HOUR BATTERY LIFE**
- » **TACTICAL MONOCULAR CUTOFF**
- » **REMOVABLE BATTERY COMPARTMENT FOR WEIGHT SAVINGS**
- » **POWER OFF THE UNIT WHEN IN AN UPRIGHT POSITION AND POWER ON WHEN FLIPPED DOWN**

With a total system weight that is less than 415 Grams, the new **MINI B AAA 18mm, Dual Tube Night Vision Goggle with Single Gain Control** is part of NVD's new light-weight product line. This system features a fully focusable eyepiece that provides the end user the full US MILSPEC diopter focus range of +2 to -6, a close focus range of 9.8 inches (25 cm) and a focusable IR Illuminator that provides spot/flood capabilities.

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

The MINI B 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 B 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.

NVD can customize builds for our MINI B AAA 18mm system with image intensifiers from either Harris Corporation®, Photonis® or L3®. 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.

