

BINOCULAR NIGHT VISION DEVICE (BNVD)



SPECIFICATIONS

MIL-STD-810G

SPECTRAL RESPONSE

Visible to 0.90 μm

(IR) FIELD OF VIEW (DEG)

40° nominal

MAGNIFICATION Unity

COLLIMATION

$\geq 1^\circ$ convergence

INTERPUPILLARY ADJUSTMENT

Independent
51 to 76 mm total

FOCUS RANGE

9.8" to infinity

OBJECTIVE LENS FOCUS RANGE

25 cm to infinity

DIOPTRER ADJUSTMENT

+2 to -6 diopters

BATTERY TYPE AA

WEIGHT ≤ 600 grams

The Noctis Technologies BNVD provides the user with state-of-the-art lightweight binocular incorporating customer specified image intensifier tubes. Noctis Technologies' rugged yet light weight BNVD can be hand held or helmet mounted.

KEY FEATURES INCLUDE:

- Automatic highlight cutoff
- Infrared illuminator with a dual function IR LED spot/flood illuminator assembly
- IR-ON indicator in both eye pieces
- Low voltage indicator in both eye pieces
- Manual gain

Our BNVD includes a dual channel system that provides increased situational awareness to the operator.

Designed to integrate tactical requirements with a more compact, balanced, and lightweight system, our BNVD utilizes specially designed optics optimized for MX-11769 style image intensifiers in either green or white phosphor.

STRATEGIC ATTRIBUTES:

- Extremely rugged, lightweight, and center mass balanced
- Advanced aesthetic high-speed, low-drag system design
- Dovetail interface to helmet mount
- Independent automatic shut down to turn off each channel when moved out of user's line of sight
- Powered by a single, centrally weighted AA battery or Lemo connector to helmet mount power pack
- Dual function IR LED spot/flood illuminator assembly
- Auto shut-down on flip up

All components and accessories are manufactured, assembled, and tested in accordance with all applicable US Military specifications.

**DARKNESS
CONQUERED**



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