



Experience NOCTIS. Darkness Conquered

Tiger

Binocular Night Vision
Device (BNVD)

SPECIFICATIONS

SPECTRAL RESPONSE

Visible to 0.90 μm

(IR) FIELD OF VIEW

(DEG)

40° nominal

MAGNIFICATION Unity

COLLIMATION

$\leq 1^\circ$ convergence

INTERPUPILLARY

ADJUSTMENT

Independent, 51 to 76 mm
total

FOCUS RANGE

9.8" to infinity

OBJECTIVE LENS FOCUS

RANGE

25 cm to infinity

DIOPTER ADJUSTMENT

+2 to -2 diopters

BATTERY TYPE

AA

WEIGHT

450, 500, & 600 grams



The Noctis Technologies BNVD provides the user with a state-of-the-art lightweight binocular incorporating customer specified image intensifier tubes.

Noctis Technologies' rugged yet lightweight BNVD can be handheld, or helmet mounted. Key features include:

- *automatic highlight cutoff*
- *an infrared illuminator with a dual function IR LED spot/flood illuminator assembly*
- *an IR-On indicator in both eyepieces*
- *a low voltage indicator in both eyepieces*

The BNVD is a rugged, dual channel system that provides increased situational awareness to the warfighter or tactical law enforcement operator.

It was designed to integrate the tactical requirements of the ground soldier with a more compact, balanced, and lightweight system.

The lightweight BNVD utilizes specially designed optics optimized for MX-11769 style image intensifiers in either green or white phosphor

KEY STRATEGIC FEATURES

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