

# BINOCULAR NIGHT VISION DEVICE (BNVD)



## SPECIFICATIONS

### MIL-STD-810G

### SPECTRAL RESPONSE

Visible to 0.90  $\mu\text{m}$

### (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**  $\leq$  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**

 +1-770-753-4403  
110 Nobel Court  
Alpharetta, GA 30005  
United States

email: Sales@noctistech.com

