

MORO VISION NIGHT VISION

LIGHT THE NIGHT™

MV-321B Dual Tube Binocular Gen 3 PINNACLE®

The MV-321B Dual Tube Generation PINNACLE® binocular features the latest rugged military design with specialized multicoated optics. The light weight MV-321B features 3.2x magnification, automatic brightness control, a built in IR illuminator, and bright light protection. Its unique dual tube/dual eye configuration is the only night vision device that offers a true **stereoscopic night vision** image. The innovative wide exit pupil design eliminates the need for interpupillary adjustment and reduces the size and weight of the unit. The optional head-mount assembly and 1x Commercial lens convert the 321 from a binocular to a goggle, making the 321B the most versatile dual tube system available.



Standard Accessories:

- **Foam Fitted Hard Case** - Provides protective storage.
- **Eye Cups** – Prevents the emission of stray light or facial reflections.
- **Day Light Filter** – Filters excessive light. Protects objective lens from the elements.
- **Battery** - One (1) 3-Volt Lithium Battery (CR123)
- **Operators Manual** – Instructional users guide.
- **Two Year Warranty**

Key Product Features:

- ITT PINNACLE® Image Intensifier Tube - Thin-Filmed/Auto-Gated
- High resolution 64 lp/mm (Min), high gain, and high photoresponse in visible and near infrared
- Multifunctional: Hand-held or head-mounted
- Automatic Brightness Control (ABC) automatically adjusts the brightness of the image tube for varying light conditions
- Automatic high-light cutoff
- Comprehensive two-year factory warranty

Optional Accessories:

- 1x Commercial Lens
- Helmet Mount Assembly (PASGT) (Adapter required)
- VIP IR Signal Beacon – Dual Function
- Guardian IR Flashing Marker
- Guardian IR Mockingbird™ Marker
- IR Laser Stick – Dual Function
- IR Illuminator – Handheld



CALL US TODAY AT: Toll Free 1-800-424-8222 or 949-488-3855
Or visit us online at: www.morovision.com

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Product Specifications

Generation	3 US (ITT PINNACLE®)
Resolution	64 lp/mm (Min)
Gate:	Auto-Gated
Film:	Thin-Filmed
Magnification	3.6x
Field of View	15°
Objective Lens	80mm f/1.6
Diopter Adjustment	+4 to -4
Range of Focus	10" to infinity / 25 cm to infinity
Detection Range	1066' / 325 meters
Recognition Range	902' 275 meters
Battery Type	3V Lithium (CR123 Type)
Battery Life	Approx. 30 hrs at room temp
Weight w/batteries	20 oz / 567 grams
Dimensions	4.5" x 4.5" x 2.5" / 114mm x 114mm x 64mm
Operating Temperature Range	-4° F to 113° F / -20°C to +45°C
Camcorder Adaptable	No
Weather Resistant	Yes
IR Illuminator	Yes (built-in)
Warranty	2 years

MOROVISION NIGHT VISION, INC.

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EXPORT NOTICE:

Export of this product is regulated by the U.S. Department of State in accordance with guidelines of "International Traffic in Arms Regulations (ITAR)" per Title 22, Code of Federal Regulations, Parts 120-130

This data sheet is approved for unlimited release.

Specifications subject to change without notice