

MORO VISION NIGHT VISION

LIGHT THE NIGHT™

MV-321G Dual Tube Goggle Gen 3 PINNACLE®

The MV-321G Dual Tube Generation 3 PINNACLE® Goggle features the latest rugged military design with specialized multicoated optics. The light weight MV-321G features 1x magnification, automatic brightness control (ABC), a built in IR illuminator, bright light protection, and includes headgear mounting. 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. Add the optional 3x commercial lens for greater performance!



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:

- 3x 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

Standard Accessories:

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



MV-321G Shown with Head Mount

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	1x
Field of View	40°
Objective Lens	26mm f/1.2
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