

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!



PART #: MVPA-MV-321G-P

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**

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



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This data sheet is approved for unlimited release. Specifications subject to change without notice.

MORO VISION NIGHT VISION

LIGHT THE NIGHT™



SPECIFICATIONS: MVPA-MV-321G-P

Intensifier Tube	Generation	3 U.S. (ITT PINNACLE®)
	Resolution	64 lp/mm (Min)
	Film	Thin
	Gate	Auto-Gated
Optics	Magnification	1x
	Field of View	40°
	Objective Lens	F/1.2 (26mm)
	Eyepiece Lens	EFL 26mm
	Diopter Adjustment	+4 to -4 diopters
	Range of Focus	25cm (10") to infinity ∞
Power	Power Source	3V Lithium (CR123 Type)
	Operating Time	Approx. 30 hrs at room temp.
Environmental Characteristics	Operating Temperature	4° F to 113° F / -20°C to +45°C
Physical Characteristics	Size:	
	Length	4.5"
	Height	4.5"
	Width	2.5"
	Weight:	
	w/batteries	20 oz / 567 grams
Warranty	System	Two (2) years
Features	Camera Adaptable	No
	Weather Resistant	Yes
	IR Illuminator	Yes (Built-in)

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