

MORO VISION NIGHT VISION

LIGHT THE NIGHT™

MV-221G – Generation 2+ Dual Tube Night Vision Goggle

MV-221G. The MV-221G Goggle features the latest rugged military design with specialized multicoated optics. The light weight MV-221G 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!



Features and Benefits:

- High resolution 32 lp/mm (typical), 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
- System Test Data Sheet

MV-221G Standard Accessories:

- **Eye Cups** - Prevents the emission of stray light or facial reflections.
- **Soft Carrying Case** – Provides convenient storage.
- **Shoulder Strap** – Attaches to the MV-221G carrying case for easy portability.
- **Headgear Assembly** – Allows for hands free operation.

Optional Accessories (not included):

- 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



MV-221G 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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MV-221G Product Specifications

Generation	2+
Resolution:	32 lp/mm (typical)
Magnification	1x
Field of View	40°
Objective Lens	26 mm f/1.2
Diopter Adjustment	+4 to -4
Range of Focus	10" to infinity / 25 cm to infinity
Detection Range	738' / 225 meters
Recognition Range	492' / 150 meters
Battery Type	One (1) 3V Lithium (CR123)
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
Camera 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