

MORO VISION NIGHT VISION

LIGHT THE NIGHT™

MV-14B Dual Tube Generation 3 Goggle

MV-14B Dual Tube Goggle. The MV-14B utilizes two high performance, U.S. Made, ITT Generation 3 (64-72 lp/mm) image intensifier tubes to provide extremely clear and crisp images under the darkest conditions. Utilizing the most advanced Mil. Spec. housing, this system is built to handle the most demanding conditions. The dual tube binocular design offers greater performance than a single tube system improving depth perception when operating vehicles and / or heavy equipment at night.

The MV-14B can be hand held, or attached to a standard PVS-7/14 head mount or helmet mount. In addition, the MV-14B can be easily detached from the dual bridge assembly to create two separate night vision monoculars that can be weapons, camera and/or video adapted.

Extremely light weight, the MV-14B is fully submersible to a depth of 66 feet (20 Meters) and operates with either a single AA or 3.5 volt lithium battery for greater flexibility and longer battery life. The integrated IR illuminator allows the user to read maps and operate in pitch black conditions.



Features and Benefits:

- High resolution 64-72 lp/mm, high gain and high photoresponse in visible and near infrared
- Multifunctional: Hand-held, head-mounted or helmet-mounted as dual tube goggle or weapons-mountable as night scope
- Camera and video adaptable
- Uses one AA or one 3V lithium battery
- Submersible up to 66 feet
- Comprehensive two-year warranty
- Improved depth perception
- Stereoscopic night vision

Standard Accessories Include:

- **Dual Bridge Assembly** – Quick detach bridge assembly with precise interpupillary adjustments mounts two MV-14's to head mount or helmet mount.
- **Weapons Mount** – Mounts the MV-14 to most all weapons.
- **Medium and Large Brow Pads** - Changeable pads.
- **Eye Cups** - Prevents the emission of stray light or facial reflections.
- **Soft Carrying Case**- Provides convenient storage.
- **Lens Paper** - Used to lightly clean the objective and eyepiece glass surfaces.
- **Sacrificial Window** – Shields the optics from sand, air particles or anything that may scratch the lens.
- **Demist Shield** – Snaps onto the eyepiece to prevent condensation from forming on the optics.
- **Data Sheet** – System Test Data Sheet

CALL US TODAY AT: Toll Free 1-800-424-8222 or 949-488-3855

Or visit us online at: www.morovision.com



MV-14B Dual Tube Goggle Specifications

Generation	3 US (ITT)
Resolution	64-72 lp/mm (typical)
Magnification	1x
Field of View	40°
Objective Lens	f/1.2
Eyepiece Lens	EFL 26 mm
Diopter Adjustment	+6 to -4 diopters
Range of Focus	25 cm to Infinity
Battery Type	One AA or One 3V Lithium
Battery Life	Approx. 40 hrs at room temp
Weight	24.4 oz (692 grams)
Dimensions	4.2" (L) x 6.5" (W) x 2.75" (H)
Operating Temperature Range	-40°C to +50° C
Storage Temperature Range	-51°C to +85° C
Camera Adaptable	Yes
Weather Resistant	Yes – Submersible to 66 feet
IR Illuminator	Yes (built-in)
Warranty	2 Years

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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