

MV-14BGP Dual Tube Binocular/Goggle Gen 3 PINNACLE®

The MV-14BGP utilizes two (2) high performance, U.S. manufactured, ITT Generation 3 **PINNACLE®** thin-filmed and auto-gated 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.



PART #: MVP-MV14BGP

Standard Accessories:

- **MV-14P Mini-Monocular (2)**
- **Dual Bridge Assembly (1)** – Quick detach bridge assembly mounts two MV-14's to head mount or helmet mount.
- **Head Mount Assembly (1)**
- **Weapons Mount (1)**– Mounts the MV-14 to most all weapons.
- **Medium and Large Brow Pads (1 ea)** - Changeable pads.
- **Helmet/Head Mount Adapter (1)**
- **Eye Cups (2)** - Prevents the emission of stray light or facial reflections.
- **Soft Carrying Case (1)** - Provides convenient storage.
- **Shoulder Strap (1)**
- **Lens Paper (1)** - Used to lightly clean the objective and eyepiece glass surfaces.
- **Sacrificial Window (2)** – Shields the optics from sand, air particles or anything that may scratch the lens.
- **Demist Shield (2)** – Snaps onto the eyepiece to prevent condensation from forming on the optics.
- **Data Sheet (1)** – System Test Data Sheet
- **Operators Manual (1)**
- **3V Lithium Battery (2)** (CR-123)
- **AA Battery (2) and Adapter (2)**
- **Two Year Warranty**

Key Product Features:

- High resolution 64 lp/mm (Min), **PINNACLE®** high gain and high photoresponse in visible and near infrared
- Multifunctional: Hand-held, head-mounted or helmet-mounted as dual tube goggle or separated as individual monoculars and each weapons-mountable as a 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

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

The integrated IR illuminator allows the user to read maps and operate in pitch black conditions.

MOROVISION NIGHT VISION, INC.
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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.

MORO VISION NIGHT VISION

LIGHT THE NIGHT™



SPECIFICATIONS: MV-14BGP Binocular/Goggle or MV-14P Monocular (ea)

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
	Eyepiece Lens	EFL 26mm
	Diopter Adjustment	+6 to -4 diopters
	Range of Focus	25cm to infinity ∞
Power	Power Source	One (1) AA size battery
	Operating Time	Approx. 40 hrs at room temp.
Environmental Characteristics	Operating Temperature	-40° C to +50° C
	Storage Temperature	-51° C to +85° C
Physical Characteristics	Size:	
	Length	4.2" (MV-14BGP 4.2")
	Height	2.5" (MV-14BGP 2.75")
	Width	2" (MV-14BGP 6.5")
	Weight:	
w/batteries	9.2 oz (260 grams) (MV-14BGP 24.4 oz (692 grms))	
Warranty	System	Two (2) years
Features	Camera Adaptable	Yes (each MV-14P)
	Weather Resistant	Yes
	IR Illuminator	Built-in (each MV-14P)

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