

MV-14HP Mini-Monocular Generation 2 High Performance

Using a high performance Generation 2, 54-66 lp/mm Res (Typ) image tube, the MV-14HP mini-monocular provides exceptional quality image resolution under varying light conditions. The innovative mil-spec housing is extremely lightweight, weighing only 9.2 oz and can be submerged to depths up to 66 feet. The MV-14HP operates using either one AA or one 3V lithium battery and includes a built in IR Illuminator for increased image clarity in low light situations. Standard accessories including a head mount assembly and a weapons mount make the versatile MV-14HP an excellent choice for all public safety, homeland security and law enforcement operations.

Product Features:

- High resolution 54-66 lp/mm (Typ), image intensifier tube
- Multifunctional: Hand-held, head-mounted or helmet-mounted as single eye goggle or weapons-mounted as night scope
- Built-in IR Illuminator
- Uses one AA or one 3V lithium battery
- Submersible up to 66 feet
- Comprehensive two-year warranty

Optional Accessories:

- 3x Mil-Spec Military Magnifier Lens
- 5x Mil-Spec Military Magnifier Lens
- 10x Magnifier Lens
- 3x/5x/10x Lens Adapter
- VIP IR Signal Beacon – Dual Function
- Laser Stick – Dual Function
- Guardian IR Flashing Marker
- Guardian IR Mockingbird™ Marker
- IR Illuminator- handheld
- MV-14 Camera Adapter
- Helmet Mount Assembly PASGT
- Helmet Mount Assembly MICH



PART #: MVP-MV14HP

Standard Accessories:

- **Head Mount Assembly** - Allows for hands-free operation. Accommodates the user's head size and eye positioning.
- **Weapons Mount** – Mounts the MV-14P to most all weapons.
- **Small, Medium and Large Brow Pads** - Changeable pads.
- **Helmet/Head Mount Adapter** - Attaches MV-14P to head mount assembly or helmet mount. Allows the user to position the monocular in front of either eye.
- **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

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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: MVP-MV14HP

Intensifier Tube	Generation	2 HP
	Resolution	54-66 lp/mm (Typ)
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	10" to infinity / 25cm to infinity ∞
Power	Power Source	One (1) AA battery or One (1) 3V Lithium CR123
	Operating Time	Approx. 40 hrs at room temp.
Environmental Characteristics	Operating Temperature	-40°C to +50°C
	Storage Temperature Range	-51°C to +85°C
Physical Characteristics	Size:	
	Length	4.2"
	Height	2.5"
	Width	2.0"
	Weight:	
w/batteries	9.2 oz / 260 grams	
Warranty	System	Two (2) years
Features	Weather Resistant	Yes
	Camera Adaptable	Yes
	IR Illuminator	Yes (built-in)

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