

## MV-14 Ultra Mini-Monocular Gen 3

Using a high performance ITT Generation 3, 64-72 lp/mm image tube, the newly designed U.S. Military battle-proven MV-14 Ultra 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-14 Ultra 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-14 Ultra required gear for all public safety and military applications.

### Product Features:

- High resolution 64-72 lp/mm (Typ), high gain and high photoresponse in visible and near infrared
- 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-MV14UL**

### 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

**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.

# MORO VISION NIGHT VISION

LIGHT THE NIGHT™



## SPECIFICATIONS: MVP-MV14UL

<b>Intensifier Tube</b>	Generation	3 U.S. (ITT)
	Resolution	64-72 lp/mm (Typ)
<b>Optics</b>	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 ∞
<b>Power</b>	Power Source	One (1) AA battery or One (1) 3V Lithium CR123
	Operating Time	Approx. 40 hrs at room temp.
<b>Environmental Characteristics</b>	Operating Temperature	-40°C to +50°C
	Storage Temperature Range	-51°C to +85°C
<b>Physical Characteristics</b>	Size:	
	Length	4.2"
	Height	2.5"
	Width	2.0"
	Weight:	
w/batteries	9.2 oz / 260 grams	
<b>Warranty</b>	System	Two (2) years
<b>Features</b>	Weather Resistant	Yes
	Camera Adaptable	Yes
	IR Illuminator	Yes (built-in)

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