

## AN/PVS-22 UNIVERSAL NIGHT SIGHT™ (UNS™) GENERATION 3 PINNACLE®

The AN/PVS-22 **PINNACLE®** Universal Night Sight™ (UNS™) is a high-resolution clip-on night vision weapon sight that mounts on any MIL-STD-1913 rail interface forward of an existing scope, adding night vision capabilities to daytime target acquisition platforms. The Universal Night Sight™ (UNS™) utilizes a full MIL-SPEC Gen 3 (autogated pinnacle) OMNI-7 image intensifier tube, a fast f/1.15 catadioptric lens for a brighter and sharper image in starlight, and patented permanent boresight alignment technology. The unit is installed, operated, and removed without tools and without affecting boresight (permanent boresight alignment). The unit can be mounted on a spotting scope for long range reconnaissance, hand-held as a Night Observation Device (NOD), or used in other night-time operations requiring night vision capabilities. The UNS™ includes OSTI's proprietary Shock Mitigation System™ (SMS™), allowing the unit to be used on weapons up to and including .50 caliber bolt-action rifles. Optimized for medium-range sniper weapons, assault rifles and machine guns including the M110, MK11, M16, SCAR-H, M240, 300 Win Mag, XM107, MK11, .338 Lapua, .308 M24, Chandler, and McMillan Brothers .50 Caliber Bolt-Action Rifle.

The UNS is manufactured with the highest quality Gen 3 **PINNACLE®**, American made Image Intensifiers and is only available for U.S. Government Sales.



**PART #: MVP-PVS22P**

### Standard Accessories (Included):

- LaRue Adjustable Double Locking Lever Mount that interfaces to a MIL-STD-1913 rail.
- Flip Up Lens Caps
- Batteries - Two (2) AA batteries.
- Operators Manual- Instructional users guide
- Lens Cleaning Kit
- Soft Carry Case



**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-PVS22P

<b>Intensifier Tube</b>	Generation	3 U.S. (ITT PINNACLE®)
	Resolution	64 lp/mm (Typ)
	Film	Thin-Film
	Gate	Auto-Gated
<b>Optics</b>	Magnification	1x
	Field of View	13°
	Objective Lens f/number / focal length	F/1.12 / 68mm
	Range of Focus	10 meters to infinity
	Boresight Accuracy	1 MOA or Better
	Boresight Repeatability	Within ½ MOA or Better
	Boresight Adjustment	None required
Dayscope Magnification	1x to 12x Power	
<b>Power</b>	Power Source	Two (2) AA batteries
<b>Environmental Characteristics</b>	Operating Temperature	-30°C to +60°C
	Shock Mitigation System	SMS™
	Operating Time	40 hrs @ 70 room temp
<b>Physical Characteristics</b>	Size:	
	Length	7.08"
	Height	2.95"
	Width	3.00"
	Weight:	
	w/batteries	50 oz (1.9 lbs)
<b>Warranty</b>	System	One (1) year
<b>Features</b>	Weather Resistant	Waterproof (1m – 30m)
	Controls	ON / OFF / Gain & Objective Focus

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