

AN/PVS-27 MAGNUM UNIVERSAL NIGHT SIGHT™ (MUNST™) GENERATION 3 PINNACLE®

The AN/PVS-27 **PINNACLE®** Magnum Universal Night Sight™ (MUNST™) 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 Magnum Universal Night Sight™ (MUNST™) utilizes a full MIL-SPEC Gen 3 (autogated pinnacle) OMNI-7 image intensifier tube, an extremely fast f/1.0 catadioptric lens for a brighter and sharper image in starlight, and patented permanent boresight alignment technology. The MUNST™ gathers twice as much light as the AN/PVS-22 Universal Night Sight™ (UNST™) and can be used against targets at 1.5 times the range of the AN/PVS-22. 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. Optimized for medium- & long-range sniper weapons including the M110, SR-25/MK11, XM107, .338 Lapua, .308 M24, Chandler & .300 Win Mag. Effective on all weapons from carbines to .50 caliber semi-automatic and bolt action sniper rifles. The MUNST™ 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.

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

Human Detection Ranges (Approx):

- Starlight, Low Contrast: 970 m
- Starlight, Optimum Contrast: 1350 m
- ¼ Moonlight, Low Contrast: 1380 m
- ¼ Moonlight, Optimum Contrast: 1730 m



PART #: MVP-PVS27P

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



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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™



AN/PVS-27 MUNS™ shown on
McMillan Brothers .50 Caliber
Bolt-Action Sniper Rifle

SPECIFICATIONS: MVP-PVS27P

Intensifier Tube	Generation	3 U.S. (ITT PINNACLE)
	Resolution	64 lp/mm (Typ)
	Film	Thin-Film
	Gate	Auto-Gated

Optics	Magnification	1x
	Field of View	10°
	Objective Lens f/number / focal length	F/1.0 / 92mm
	Output Optic Exit Pupil Diameter	40 mm
	Range of Focus	15 meters to infinity
	Boresight Accuracy	½ MOA or Better
	Boresight Repeatability	Within ½ MOA or Better
	Boresight Adjustment	None required
Dayscope Magnification	3x to 20x Power	

Power	Power Source	Two (2) AA batteries
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Environmental Characteristics	Operating Temperature	-60°C to +146°C
	Shock Mitigation System	SMS™
	Operating Time	40 hrs @ 70 room temp

Physical Characteristics	Size:	
	Length	8.7"
	Height	3.75"
	Width	4.0"
	Weight:	
	w/batteries	50 oz (1.9 lbs)

Warranty	System	One (1) year
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Features	Weather Resistant	Waterproof (1m – 30m)
	Controls	ON / OFF / Gain & Objective Focus

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