

Item Number **PVS-22-UNS**

AN/PVS-22 Universal Night Sight™ (UNS™)

Price: *Available by request*

Restricted Item – LE/Government Agencies

The **AN/PVS-22 Universal Night Sight™ (UNS™)** is a high-resolution Clip-on Night Vision Device (CNVD) 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) 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. Optimized for medium-range sniper weapons, assault rifles and machine guns Including the MK11, M16, SCAR-H, M240 & 300 Win Mag. Effective on all weapons from carbines to .50 caliber semi-automatic sniper rifles.

I have used the PVS-22 extensively in the field. This UNS is the REAL DEAL PVS-22 developed from OSTI and performs incredibly well with high end day optics and has been battle proven throughout our armed forces. I have snapped several pics through various optics, such as the Leupold MKIV M1, ACOG NSN and Elcan's Specter DR. The ability of not losing your day zero is paramount with this system. The full Mil-Spec ITT Pinnacle Autogated tube and the adjustable gain gives your LE or Mil unit the advantage above commercial tube systems especially in urban environments where the halo effect is reduced and resolution is enhanced versus commercial I2 systems.



System Specifications

Boresight Characteristics

Accuracy: Factory Aligned to ½ MOA or Better

Retention: Permanent to w/in 1 MOA or Better

Adjustments: None

Repeatability: w/in 1/2 MOA

System Characteristics

Magnification: Unity

Optimum Dayscope Magnification: 1X - 12X

Field of View: 13°

Focus Range: 10 m - Infinity I2

Gain: 1,000 - 75,000

Resolution

Minimum: 3.2 cy/mr

Typical: 3.5 cy/mr

Facial ID Ranges

Starlight, Low Contrast: 740 m

Starlight, Optimum Contrast: 1050 m

¼ Moonlight, Low Contrast: 1060 m

¼ Moonlight, Optimum Contrast: 1340 m

Optical Characteristics

Objective Lens Focal Length: 68 mm

Objective Lens f/Number: f/1.15

Output Optic Exit Pupil Diameter 40 mm

Physical Characteristics

Controls: On/Off/Gain,

Focus Batteries: 2 AA

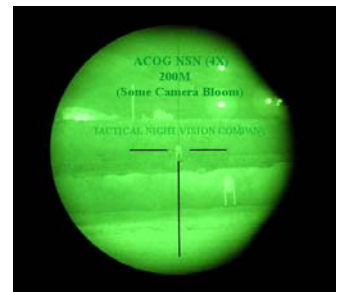
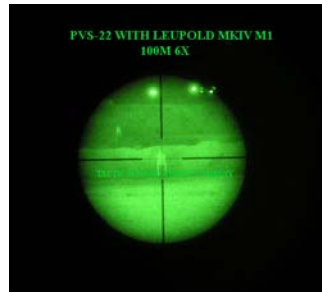
Operating Temperature: -30° to +60° C

Submersion: 66 ft. for 2 hours

Length" 7.1 in

Max Height Above Rail: 2.95 in

Weight (w/o batteries): 32 oz



*Specifications subject to change without notice. Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State Office of Defense Trade Controls prescribed in the International Traffic in Arms Regulation (ITAR), Title 22, Code of Federal Regulation, Parts 120-130.