

# N-Vision Optics

[www.nvisionoptics.com](http://www.nvisionoptics.com)

## AN/PVS-22

### Universal Night Sight™ (UNS)™



The AN/PVS-22 Universal Night Sight™ (UNS™) is a high-resolution Clip-on Night Vision Device (that mounts on any MIL-STD-1913 rail interface forward of an existing scope, adding night vision capabilities to day-time 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.

UNS 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 observation, hand-held as a Night Observation Device (NOD), or used in other night-time operations requiring night vision capabilities. UNS is optimized for medium-range sniper weapons, assault rifles and machine guns including the MK11, M16, SCAR-H, M240 & 300 Win Mag and is effective on all weapons from carbines to .50 caliber semi-automatic sniper rifles.

### Specifications

• Magnification	Unity
• Field of View	13 °
• Focus Range, m	10 to infinity
• Objective Lens Focal Length, mm	68
• Objective Lens F number	f/1.15
• Exit Pupil Diameter, mm	40
• Max Height Above Rail, in	2.95
• Accuracy	½ MOA or better
• Retention, Permanent	W/in 1 MOA or better
• Repeatability	Within ½ MOA
• Detection, Vehicle, Starlight, m	Up to 2470
• Detection, Vehicle, ¼ Moon, m	Up to 3170
• Detection, Man, Starlight, m	Up to 1050
• Detection, Man, ¼ Moon, m	1340
• Battery	2 AA
• Length, in	7.1
• Weight, g	320
• Weight, oz	32
• Operating Temperature, ° C	-30 to +60
• Submersion	66 ft for 2 hours





## Advantages

- Manual gain control
- Universal compatibility
- No re-zeroing or boresighting
- Objective focusing

## Standard Kit Includes

- UNS w/Gen-3 Auto-Gated Pinnacle Image Tube
- Soft Storage/carry case
- Objective Lens cover
- Interface mount for use with 1913 Picatinny rail
- Soft Carry Case
- 2 AA Batteries
- Instruction Card

## Optional Accessories



**MIRS/M24 Scope Mount**  
Integrated Rail System for the M24 Sniper Rifle



**S.T.O.M.P**  
Sniper Total Optical Mounting Package for long action and short action M700's



## N-Vision Optics

220 Reservoir Street, Suite 26 Needham, MA 02494  
Phone: 781-505-8360, Fax: 781-998-5656

[www.nvisionoptics.com](http://www.nvisionoptics.com)  
Email: [info@nvisionoptics.com](mailto:info@nvisionoptics.com)