

AN/PVS-14 Monocular Night Vision Device

*One night vision
system for every
mission....*



AN/PVS-14 is a light weight, multi-purpose, monocular night vision device. The objective and eyepiece assemblies allow attachment of many accessories and the head/helmet mount adaptor is identical to the AN/PVS-7BD. A weapon mount adaptor is also available to mount the system on the M16/M4 Picatinny style rail.

The U. S. Army and many NATO customers have adopted the AN/PVS-14 as their standard monocular device. It is a self-contained system operating on two "AA batteries and featuring manual gain control for various brightness conditions. A red low-battery indicator appears in the eyepiece when battery replacement is needed.

The system also features an active projected IR LED for short range illumination allowing such activities as map reading.

For weapon mounting, an adaptor is screwed into the system body that locks onto the weapon rail with a turn-key knob. It can be placed behind a red dot collimated sight for use as a night vision aid for target acquisition. The 3X magnifier is usually added in this configuration and increases the visual range of engagement.

AN/PVS-14 is supplied with a Gen III image intensifier. Numerous optional accessories allow configuration to meet customer requirements.



AN/PVS-14 with weapon mount adapter



AN/PVS-14 mounted on Picatinny style flat rail

Optional Accessories

- Head Mount
- Helmet Mount Assembly
- Helmet Mount Adaptor
- Small Arms Mounting Adaptor
- Medium and Thick Brow Pads
- Shipping/Storage Case
- Lithium Batteries (Cold weather)
- 3X Screw-on or Slip-on afocal and adaptor
- 5X Screw-on afocal and adaptor

For more information, please contact:

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SYSTEM SPECIFICATIONS

OPTICAL

	1X Monocular	3X Afocal	5X Afocal
• Field of View (degrees)	40.0	11.6	7.7
• Min Focus Range	25cm	10m	7.7m
Objective			
Focal Length	26mm	75mm	130mm
F Number	1.17	1.5	2.4
T Number	1.3	1.8	2.7
Eyepiece			
Diopter Adjustment:	+ 2 to -6 diopters		
Eye relief:	25mm		

MECHANICAL

- Weight (unit): 420 grams
- Infrared light emitting diode
- Automatic brightness protection
- Variable gain control knob
- Low battery indicator

ELECTRICAL

- Power source: (2) AA batteries (Alkaline)

ENVIRONMENTAL

- Operating temperature: -51 C to + 49 C
- Storage temperature: -51 C to + 85 C
- Immersion: 1 meter for 30 minutes



Monocular Helmet Mount

Standard Accessories

- Operator's Manual
- Sacrificial Window
- Demist Shield
- Soft Carrying Case/Strap
- Lens Cleaning Tissue
- (2) AA Batteries

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