



## MULTI-PURPOSE SYSTEM

## PVS14-4

ATNs PVS14 are rugged, lightweight and versatile night vision monoculars, designed for the most demanding of nighttime applications. The PVS14 can be handheld, head/helmet-mounted for hands-free usage or adapted to cameras/camcorders. Originally designed for the U.S. military, these units are of the highest quality in optics, design and functionality. The ATN PVS14 is an outstanding choice for professional night vision applications.

- US Military design
- Multi-Purpose unit
- Handheld monocular
- Hands-free goggle (optional helmet mount)
- Mil-Spec headgear
- Limited Two-Year Warranty

### THE PVS-14 BASIC KIT

- **Head Mount Assembly** — Allows for hands-free operation
- **Brow Pad** — Changeable pad for secure head mount fit
- **Helmet/Head Mount Adapter** — Allows the user to position the monocular in front of either eye
- **Eye Cup** — Prevents the emission of stray light or facial reflections
- **Soft Carrying Case** — Provides convenient storage of PVS14 and accessories
- **Shoulder Strap** — Attaches to the PVS14 carrying case for easy portability
- **Lens Paper** — Used to lightly clean the objective and eyepiece glass surfaces
- **Day Light Filter** — Filters excessive light. Protects objective lens from the elements
- **Diopter Lens Cap** — Protects diopter lens from the elements
- **Operator's Manual** — Instructional user's guide
- **Batteries** — One 1.5V AA size

### SPECIFICATIONS

Magnification	1x ±0.03
Lens System	27mm; F1.2
Proshield Lens Coating	Yes
FOV	40°
Range of Focus	0.25 m to infinity
Diopter Adjustment	-5 to +2
Controls	Direct
Manual Gain Control	Yes
Automatic Brightness Control	Yes
Bright Light Cut-off	Yes
Automatic Shut-off System	Yes
Infrared Illuminator	Yes
IR Indicator	Yes
Low Battery Indicator	Yes
Power Supply	1 x 1.5 V AA type battery
Battery Life	50 hrs
Environmental Rating	Waterproof
MIL-STD-810	Complies
Operating Temperature	-51°C to +49°C / -60 to 120F
Storage Temperature	-51°C to +85°C / -60 to 185F
Dimensions	114mmx51mmx57mm/4.5"x2"x2.25"
Weight	0.35 kg/355 grams/7.8 lbs

### TUBE SPECIFICATIONS

#### HIGH QUALITY 4 GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Autogated/Filmless
GENERATION	4
PHOTOCATHODE TYPE	Filmless GaAs
RESOLUTION, lp/mm *	64-72
SIGNAL TO NOISE RATIO*	25-30
FIGURE OF MERIT	2000 Typical
MTTF - MEAN TIME BEFORE FAILURE, hours	10,000
EXPORT	N/A for Export

\* Specifications are provided for informational purposes only. Actual values may vary



INCLUDED ACCESSORIES



HEAD MOUNT ASSEMBLY



HELMET MOUNT ASSEMBLY

Export Warning: These products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of either the US Department of State or the US Bureau of Industry and Security US Department of Commerce. Export without proper licensing or consent is strictly prohibited.

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