



## NIGHT VISION GOGGLES

## PVS7-HPT

ATN PVS-7 is a full robust, dependable, high performance night vision goggle. This model is identical to AN/PVS-7 model adopted as a standard issue to US Army ground troops and designed to assist viewing and provide reliable service in the most unfavorable conditions. The ATN PVS-7 also incorporates an infrared illuminator with a momentary and continuous on switching function. Infrared operation and low battery indicators are displayed within the user's field of view. The ATN PVS-7 comes complete with a lightweight, fully adjustable military head strap that allows for comfortable long-term use. Full U.S. Mil Spec body with goggle assembly, soft carrying case, demist shield, sacrificial filter for objective lenses, shoulder strap, head mount assembly with 3 brow pads, lens tissue, neck cord and front lens cap.

### STANDARD ACCESSORIES include:

- **Flip-up Head Mount Assembly** - Allows for hands-free operation
- **Medium & Thick Brow Pads** - Changeable pads for secure head mount fit
- **Eye Cups** - Prevents the emission of stray light or facial reflections
- **Soft Carrying Case** - Provides convenient storage
- **Shoulder Strap** - Attached to the PVS-7 carrying case for easy portability
- **Lens Paper** - Used to safely clean the objective and eyepiece glass surfaces
- **Day Light Filter** - Filters excessive light. Protects objective lens from the elements
- **Sacrificial Window** - Shields the optics from sand, air particles, or anything that may scratch the lens
- **Demist Shields** - Snaps onto the eyepiece to prevent condensation from forming on the optics
- **Operator's Manual** - Instructional user's guide
- **Batteries** - Two (2) AA

- **Standard Military Issue**
- **Multi-purpose: Handheld, head-mounted, helmet-mounted**
- **Lightweight**
- **Equipped with momentary or continuous IR switch**
- **Internal low battery and IR indicators**
- **Combat proven**
- **Water and fog resistant**
- **Limited Two-Year Warranty**

### SPECIFICATIONS

MAGNIFICATION	1X
LENS SYSTEM ELEMENT	F1.2, 26 mm
FOV	40 deg.
RANGE OF FOCUS	0.25 m to infinity
DIOPTRER ADJUSTMENT	+2/ - 6
CONTROLS	Digital
ABC- AUTOMATIC BRIGHTNESS CONTROL CUTOFF TO PROTECT IIT	Yes
INFRA-RED ILLUMINATOR	Built-in standard
IR INDICATOR	LED ON / Battery Low
POWER SUPPLY	(1) 3v Lithium, or (2) AA
BATTERY LIFE	60 hr. for (CR123A) w/o IR
ENVIRONMENTAL RATING	Waterproof 1 m for 30 min
OPERATING TEMP	-40 to +50° C
STORAGE TEMP	-50 to +70° C
DIMENSIONS	148 x 80 x 155mm /5.8 x 3.1 x 6.1"
WEIGHT	0.68 kg/ 1.5 lb

### TUBE SPECIFICATIONS

#### HIGH QUALITY HPT GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	High Performance
GENERATION	HPT
PHOTOCATHODE TYPE	Multi - Alkali
RESOLUTION, lp/mm*	54-72
SIGNAL TO NOISE RATIO*	16-24
FIGURE OF MERIT	1600 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



BASIC KIT



HEAD MOUNT ASSEMBLY



HELMET MOUNT ASSEMBLY

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