



NIGHT VISION GOGGLES

PVS7-CGT

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	+ / - 5
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 CGT GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Custom
GENERATION	CGT
PHOTOCATHODE TYPE	Multi - Alkali
RESOLUTION, lp/mm	45-54
SIGNAL TO NOISE, MINIMUM	16-22
FIGURE OF MERIT	<1250
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

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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