



NIGHT VISION GOGGLES

ATN PS7-CGT

- Lightweight, compact rugged goggle system
- Multi-purpose: hand-held, head-mounted, helmet-mounted
- Comfortable, flip-up headgear
- Multi-coated all-glass optics
- Dual Focus infrared illuminator
- Wide angle infrared illuminator
- 3x, 5x and 8x lenses available (optional)
- Limited Two-Year Warranty

The ATN PS-7 is a robust, dependable, high performance night vision goggles designed to assist viewing and provide reliable performance in the most unfavorable conditions. These goggles contain top-of-the-line lens components that produce optical images in great detail. This model is available in several high-resolution image intensifier tube configurations, and features auto-brightness, and bright light shut-off. The dual focus built-in IR allows the user to instantly adjust from map/document reading mode to indoor/cave flood mode. Infrared operation and low battery indicators are displayed within the user's field of view. The ATN PS-7 comes complete with a lightweight, fully adjustable military head strap that allows for comfortable long-term use.

STANDARD ACCESSORIES include:

- **Flip-up Head Mount Assembly** - Allows for hands-free operation
- **Eye Cups** - Prevents the emission of stray light or facial reflections
- **Soft Carrying Case** - Provides convenient storage
- **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
- **Battery** - One (1) 3V Lithium CR123A or one (1) 1.5V AA type

SPECIFICATIONS

Magnification	1x
Lens System	F1.2, 27 mm
Exit Pupil	12 mm
Eye Relief	16 mm
Interpupillary distance	58 to 72 mm
FOV	40°
Range of Focus	0.25 m to infinity
Diopter Adjustment	-6 to +2
Controls	Direct
Automatic Brightness Control	Yes
Bright Light Cut-off	Yes
Automatic Shut-off System	Yes
Infrared Illuminator	Built-in, with Flood & Spot modes
IR Indicator	Yes (in FOV)
Low Battery Indicator	Yes (in FOV)
Power Supply	1 x 1.5 V AA type battery or 1 x 3 V CR123A type battery
Battery Life	50 hrs
Environmental Rating	Waterproof
Operating Temperature	-40 to +50 °C
Storage Temperature	-50 to +70 °C
Dimensions	165x75x117 mm / 6.5x2.9x4.5"
Weight	0.48 kg / 0.9 lbs

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 RATIO*	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



PS-7 WITH ATN FLIP-UP HEAD MOUNT



PS-7 WITH MIL-SPEC HEADGEAR



PS-7 WITH MICH HELMET MOUNT



PS-7 WITH 3X AFOCAL LENS

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.

1341 San Mateo Ave,
South San Francisco, CA 94080.

www.atncorp.com
e-mail: sales@atncorp.com, info@atncorp.com

Tel: 800-910-2862, 650-989-5100,
fax: 650-875-0129