



AMERICAN TECHNOLOGIES
NETWORK, CORP.

ATN PVS7-CGT

NIGHT VISION GOGGLES

ATN PVS7-CGT available with a quality made CGT generation image intensifier tube. The ATN PVS7-CGT is full robust, dependable, high performance night vision goggle. This model is identical to AN/PVS7 model adopted as a standard issue to US Army ground troops, designed to assist viewing and provide reliable service in the most unfavorable conditions. 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.



- Adjustable head mount
- IR illuminator
- Momentary IR-on switch
- Automatic high-light cutoff
- Flexible carrying case
- Operates on one lithium or two AA alkaline batteries
- Two-year warranty

OPTICAL

Field of View: 40°

Min. Focus Range: 20 cm

Objective:

Focal Length: 26 mm

F-Number: 1.17

T-Number: 1.3

Eyepiece:

Diopter Adjustment: +2 to -6

Eye Relief: 15 mm

Interpupillary Adjustment 55 mm to 71 mm

MECHANICAL

(Standard goggle without Afocal)

Weight:(Goggle w/Mask Assy): 650 grams/ 1.4 lbs

Dimensions: 140.8 mm long x 155.6 mm wide/
5.54" x 6.12 lbs

ELECTRICAL

Power Source: 2 - AA Batteries (Alkaline) or

1 - BA-5567/U (Lithium)

Battery life: 50 hours

ENVIRONMENTAL

Operating Temperature: - 40 °C to + 50 °C

Storage Temperature: - 50 °C to + 70 °C

Humidity: 90% up to +65 °C for 240 hours

Immersion: 1 meter for 30 minutes

HIGH QUALITY CGT GEN IMAGE INTENSIFIER TUBE

DESCRIPTION.....	CUSTOM
GENERATION.....	CGT
PHOTOCATHODE TYPE.....	MULTI - ALKALI
RESOLUTION*.....	45 - 54 lp/mm
SIGNAL-TO-NOISE RATIO*.....	16 - 22
EXPORT.....	N/A FOR EXPORT
FIGURE OF MERIT	LESS THEN 1250

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



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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