



## DAY/NIGHT SYSTEM

## PS22-CGT

Representing the latest advancement in Night Vision optics, the ATN PS22 gives your daytime scope Night Vision capability in a matter of seconds.

The ATN PS22 mounts in front of a daytime scope to enable nighttime operation. No shift of impact, no need to rezero nor change of eye relief occurs. The ATN PS22 uses the latest in image intensifier tube technology for outstanding resolution and performance.

Precision optical alignment is essential for a front sight system to work properly. This is why each ATN PS22 is individually tested and aligned on an optical scale by our engineers to provide perfect alignment.

The ATN PS22 is one of the most compact and lightweight NV systems in its class, at only 600 grams.

- Easily changes daytime scope to Night Vision
- Mounts in front of daytime scope, no re-zeroing required
- Multi-coated all-glass optics
- Fast catadioptric front lens system
- Large 40mm eyepiece/output window
- Lightweight and rugged
- Comes with a standard 7/8" weaver mount
- Optional Quick Release Mount
- Optional Scope Mounting System for coupling to the objective of the day scope (25...58mm diameter)
- Automatic Brightness Control
- Resistance to severe conditions
- Up to 20 hours of continuous operation with one 3V CR123A Lithium battery



PS22 WITH TRIJICON® ACOG



PS22 WITH LEUPOLD® MARK 4 2.5-8X36MM



PS22 LEUPOLD & SUPPRESSOR



PS22 WITH LEUPOLD® MARK 4 CQ/T

### BASIC KIT INCLUDES



- PS22 Night Vision Front Sight
- Front Lens Cap
- Back Cap
- Rubber Light Suppressor
- Picatinney/Weaver Mount
- Operator's Manual
- Battery 123A Lithium
- Remote Control



**PLATFORM RING WITH PICATINNY RAIL**  
IR Illuminator can be mounted not only onto PS-22 with Picatinny Rail Adapter but also onto a daytime scope using optional an Platform Ring



**MOUNTING WITH RUBBER LIGHT SUPPRESSOR**  
Prevents visible back glow that could give away user's position



**SCOPE MOUNTING SYSTEM**  
Optional Scope Mounting System allows to mount unit onto the objective of a day scope with 25...58mm diameter



**PICATINNY/WEAVER MOUNT**  
The PS22 is adaptable to almost any weapon which will accept a MIL-STD-1913 (Picatinny) or Weaver rail



**MOUNTING WITH A SPOTTING SCOPE**  
The PS-22 Front Sight can be used with a spotting scope or as a handheld monocular

**SPECIFICATIONS**

MAGNIFICATION	1X
FOV	13 deg.
LENS SYSTEM	MIRROR LENS
FOCAL LENGHT	80 mm
F-STOP	1:1.44
INTEROCULAR DISTANCE	65 mm
EXIT PUPIL	21 mm
FOCUS	10 m TO INFINITY
POWER SUPPLY	ONE 3 VOLT LITHIUM CR123A
BATTERY LIFE, MIN	60 hours
OPERATING TEMP	- 40 ... +50 °C
STORAGE TEMP	- 50 ... +70 °C
WATER PROOF	10 m
DIMENSIONS	137 X 79 X 79 mm
WEIGHT	650 g

**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

**ACCESSORY PACKAGES**

ACDNPS22SM01	Scope Mounting System #1 (25.4; 30mm)
ACDNPS22SM02	Scope Mounting System #2 (38; 42mm)
ACDNPS22SM03	Scope Mounting System #3 (46.7; 48; 48.7-49; 49.5; 50mm)
ACDNPS22SM04	Scope Mounting System #4 (56; 57; 58.7mm)
ACDNPS22SM05	Scope Mounting System #5 (42; 46.7mm)
ACDNPSXXQRM1	Quick Release Mount
ACWSLRADPT	Long Rail Adapter



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