



## 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 21 mm eyepiece/output window
- Lightweight and rugged
- Comes with Quick Release Mount
- Optional 7/8" weaver mount
- Optional Scope Mounting System for coupling to the objective of the day scope (25...62 mm diameter)
- Automatic Brightness Control
- Resistance to severe conditions
- Up to 60 hours of continuous operation with one Lithium battery



PS22 WITH TRIJICON® ACOG



PS22 WITH LEUPOLD® MARK 4 2.5-8X36MM



PS22 WITH LEUPOLD



PS22 WITH LEUPOLD® MARK 4 CQ/T

### BASIC KIT INCLUDES



- 1 IR illuminator IR450
- 2 Picatinny Rail
- 3 Shipping/Storage Case
- 4 Operator's Manual
- 5 Remote Control
- 6 Two Lithium Battery CR123A
- 7 Quick Release Mount
- 8 Back Cap
- 9 Front Lens Cap
- 10 PS22 Night Vision Front Sight
- 11 Light Suppressor for the scopes with 42-63 mm lens diameter
- 12 Light Suppressor for the scopes with 30-42 mm lens diameter
- 13 Light Suppressor for Trijicon ACOG scopes

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](http://www.atncorp.com)  
e-mail: [sales@atncorp.com](mailto:sales@atncorp.com), [info@atncorp.com](mailto:info@atncorp.com)

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



### 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...62 mm diameter



### PICATINNY/WEAVER MOUNT

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

### SPECIFICATIONS

|                              |                             |
|------------------------------|-----------------------------|
| Magnification                | 1x                          |
| Lens System                  | F1.44, 80mm                 |
| Proshield Lens Coating       | Yes                         |
| FOV                          | 13°                         |
| Exit Pupil                   | 21 mm                       |
| Range of Focus               | 10 m to infinity            |
| Controls                     | Direct                      |
| Remote Control               | Yes                         |
| Automatic Brightness Control | Yes                         |
| Infrared Illuminator         | Detachable IR450            |
| IR Indicator                 | Yes                         |
| Power Supply                 | 1 x 3 V CR123A type battery |
| Battery Life                 | 60 hrs                      |
| Environmental Rating         | Waterproof                  |
| MIL-STD-810                  | Yes                         |
| Operating Temperature        | -40 to +50 °C               |
| Storage Temperature          | -50 to +70 °C               |
| Dimensions                   | 150x80x72 mm / 5.9x3.2x2.8" |
| Weight                       | 0.64 kg / 1.4 lbs           |
| Warranty                     | 2 years                     |

### 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

### OPTIONAL ACCESSORY

|              |  |
|--------------|--|
| ACDNPS22SM01 | Scope Mounting System #1 (25.4; 30mm)                        |
| ACDNPS22SM02 | Scope Mounting System #2 (38; 42mm)                          |
| ACDNPS22SM03 | Scope Mounting System #3 (42; 46.7; 48; 48.7-49; 49.5; 50mm) |
| ACDNPS22SM04 | Scope Mounting System #4 (56; 57; 58.7mm)                    |
| ACDNPS22SM05 | Scope Mounting System #6 (62mm)                              |
| ACDNPS22MWVR | 7/8" Weaver Mount  |
| ACDNPS22LSR  | Day Scope Light Suppressor                                   |
| ACWSRTRA     | Platform Ring  |

