



## DAY/NIGHT SYSTEM

## PS22-3A

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

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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## 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	50 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 3A GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Select Alpha
GENERATION	3
PHOTOCATHODE TYPE	Thin Film GaAs
RESOLUTION, lp/mm*	64-72
SIGNAL TO NOISE RATIO*	26 Typical
FIGURE OF MERIT	1800 Typical
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

