



DAY/NIGHT SYSTEM

PS40-HPT

Representing the latest advancement in Night Vision optics, the ATN PS40 gives your daytime scope Night Vision capability in a matter of seconds.

The ATN PS40 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 PS40 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 PS40 is individually tested and aligned on an optical scale by our engineers to provide perfect alignment.

The ATN PS40 is one of the most compact and lightweight NV systems in its class, at only 840 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
- Equipped with remote control
- Powered by a single alkaline AA or 123A lithium battery.
- Battery life check system.
- Large 40 mm eyepiece/output window
- Included Quick Release Mount
- Optional Scope Mounting System for coupling to the objective of the day scope (47...58,7 mm diameter)
- Automatic Brightness Control
- Bright Light Cut-off System
- Resistance to severe conditions



PS-40 INSTALLED ON MIL-STD-1913 RAIL FORWARD OF DAYSCOPE

PS-40 INSTALLED ON DAYSCOPE OBJECTIVE LENS



PS-40 INSTALLED ON B.A.M. system

BASIC KIT INCLUDES



- | | |
|----------------------------|-------------------------------|
| 1 ATN PS-40 NV Front Sight | 7 Remote Control |
| 2 Objective Lens Cap | 8 Shipping /Storage Case |
| 3 Light Suppressor | 9 Quick Release Mount |
| 4 Output Lens Cap | 10 Platform Ring |
| 5 Operating Manual | 11 Infrared Illuminator IR450 |
| 6 Battery CR123A, Lithium | |

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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SCOPE MOUNTING SYSTEM
Optional scope mounting systems are designed to install the PS-40 on riflescope/sporting scope objective lens.



7/8" WEAVER MOUNT
Optional Weaver mount can be used to install the PS-40 on a MILSTD-1913 rail if mounting rail on the rifle has narrow groves (4 mm).



LONG RAIL ADAPTER
Optional long rail adapter can be used if the firearm has a short scope mounting rail which prevents the installation of the PS-40 forward of dayscope.



B.A.M. SYSTEM
Optional B.A.M. system (Boresight Attachment Mount) is used to install the PS-40 and dayscope on the rifles having short mounting MIL-STD-1913 rail.



PLATFORM RING WITH PICATINNY RAIL
Long range IR Illuminator can be mounted onto a daytime scope using optional Platform Ring.

SPECIFICATIONS

Magnification	1x
Lens System	F1.44, 80mm
Proshield Lens Coating	Yes
FOV	12°
Exit Pupil	40 mm
Range of Focus	10 m to infinity
Controls	Direct
Remote Control	Yes
Automatic Brightness Control	Yes
Bright Light Cut-off	Yes
Infrared Illuminator	Detachable IR450 (optional)
IR Indicator	Yes
Low Battery Indicator	Yes
Power Supply	1 x 1.5V AA type battery or 1 x 3V CR123A type battery
Battery Life	60 hours (3V) / 30 hours (1.5V)
Environmental Rating	Waterproof
MIL-STD-810	Yes
Operating Temperature	-20 to +50 °C
Storage Temperature	-50 to +50 °C
Dimensions	177x85x83 mm / 7x3.4x3.3"
Weight	0.84 kg / 1.85 lbs
Warranty	2 years

TUBE SPECIFICATIONS

HIGH QUALITY HPT GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	High Performance
GENERATION	HPT
PHOTOCATHODE TYPE	Multi - Alkali
RESOLUTION, lp/mm*	54-72
SIGNAL TO NOISE RATIO*	16-24
FIGURE OF MERIT	1600 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

COWSPSAM	Adapter for A.R.M.S. Mounts
ACDNPS40MWVR	Weaver Mount
	Scope Mounting System #1
	Scope Mounting System #2
ACWSRTRA	Platform Ring
ACWSLRADPT	Long Rail Adapter
ACDNPS40BM01	Boresight Attachment Mount (B.A.M.)
ACDNPS40LSR	Day Light Suppressor
ACDNPS40EFK	Extender Focus Knob

