



MULTI-PURPOSE SYSTEM

NVM14-HPTI

The ATN NVM14 Multi-Purpose Night Vision Monocular is a high performance modular night vision device. The NVM14's great flexibility makes it an ideal choice for use by elite units, military personnel conducting CQB style operations, the tactical law enforcement teams operating in the urban or MOUT environment and by security-conscious civilians. The ATN NVM14 can be handheld, head-mounted, and can be attached to a helmet or weapon. Compatible with most IR laser aiming/illuminating devices, this model defines multi-mission versatility. This high performance unit enables walking, driving, weapon firing, short-range surveillance, map reading, vehicle maintenance, and administering first aid during nighttime operations. The ATN NVM14 Multi-purpose Night Vision Monocular is also equipped with ATN's Total Darkness Technology featuring a built-in infrared light-emitting source giving it maximum flexibility even when available ambient light is minimal. The technologically advanced ATN NVM14 guarantees a tactical advantage for any user operating at night, whether military, law enforcement, or civilian.

- Compact, rugged design
- Waterproof
- Weapon mountable
- Head or helmet mountable for hands-free usage
- Auto brightness control
- Bright light cut-off
- Ergonomic, simple, easy to operate controls
- Utilizes either CR123A lithium battery or AA Alkaline. Adapter included
- Compatible with most IR lasers
- Adaptable for use with cameras
- Total Darkness Technology with built-in Infrared Illuminator and flood lens
- Optional patented Life Tracker System available for measuring hours of operation
- Limited two-year warranty



NVM14 Compact Monocular

NVM14 with 3x lens

NVM14 with Goggle kit

NVM14 with PAGST Helmet Mount

NVM14 with Dual Bridge

NVM14 with EOTech®

NVM14 with AIMPOINT®

ADVANCED FEATURES INCLUDE

- Automatic brightness control.
- Bright light cut off sensor for conditions when too much light is detected by the system.
- Flip-up head or helmet mount mechanism with an automatic turn on/off system when the device is raised/lowered to/from the viewing position. This feature dramatically extends battery life and improves the speed, efficiency and survivability of the operator.
- IR indicator in the FOV of the monocular. This indicator tells the operator if the IR illuminator is on or off.
- IR illuminator with standard and flood option. Allows the user to focus the IR light source from 20 degrees to 40 degrees providing a flood IR effect, making it easier to read maps and survey a wide field of view in total darkness. No need to purchase separate flood lens accessories.
- Silent on/off push button system.

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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MULTI-PURPOSE SYSTEM

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FEATURES



BUILT-IN IR ILLUMINATOR
Built-in IR Illuminator with flood lens for total darkness usage with indicator ON light within the FOV.



LIFE TRACKER SYSTEM
This patented feature lets you measure the hours of operation that have been used on the system.



AUTOMATIC BRIGHTNESS CONTROL
Bright light cut-off sensor for conditions when too much light is detected. Indicator warning light in FOV. When source of light disappears, unit turns on automatically.

SPECIFICATIONS

Magnification	1x
Lens System	F1.2, 27 mm
Proshield Lens Coating	Yes
FOV	40°
Range of Focus	0.25 m to infinity
Diopter Adjustment	-6 to +2
Controls	Digital
Automatic Brightness Control	Yes
Bright Light Cut-off	Yes
Automatic Shut-off System	Yes
Infrared Illuminator	Yes (Built-in with flood lens)
IR Indicator	Yes (in FOV)
Low Battery Indicator	Yes (in FOV)
Power Supply	1 x 1.5 V AA type battery or 1 x 3 V CR123A type battery
Battery Life	60 hrs
Environmental Rating	Waterproof
MIL-STD-810	Complies
Operating Temperature	-40 to +50 °C
Storage Temperature	-50 to +70 °C
Dimensions	120x49x69 mm / 4.7x1.9x2.7"
Weight	0.34 kg / 0.75 lbs
Warranty	2 years

NVM14 BASIC KIT

- Multi-Use Night Vision monocular
- Lens Cap
- Eyecup
- Soft Carrying Case
- Operator's Manual
- Battery 123A Lithium
- Battery Adapter
- Neck Cord



TUBE SPECIFICATIONS

HIGH QUALITY HPTI GEN IMAGE INTENSIFIER TUBE

PHOTOCATHODE TYPE	Multi-Alkali
GENERATION	HPT
RESOLUTION, lp/mm*	51-64
SIGNAL TO NOISE RATIO*	16-24
FIGURE OF MERIT	<1400
PHOTOSENSITIVITY	500-750
MTTF - MEAN TIME BEFORE FAILURE, hours	10,000
EXPORT	State License Req.

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

PACKAGES

ACCESSORY PACKAGES FOR NVM14

ACMPAN14GK	Goggle Kit
ACMPAN14A1	Advanced Package 1
ACMPAN14A2	Advanced Package 2
ACMPAN14S1	Select Package 1
ACMPAN14S2	Select Package 2
ACMPAN14LS3A	3x Afocal Lens
ACMPAN14LS05	5x Lens
ACMPAN14LS08	8x Lens
ACMPAN14CA	Camera Adapter
ACMPAN14KB03	3x Bi-ocular kit
ACMPAN14KB05	5x Bi-ocular kit
ACMPAN14DB	Dual Bridge
ACMPAN14AFDT	Scope Adapter Mount
ACMPAN14HMNT	Universal Helmet Mount Kit
ACMPAN14HMNM	MICH Helmet Mount Kit
ACMPAN14HMNP	PAGST Helmet Mount Kit
ACMUIR45B4	IR450-B4
ACMPAN14LTS	Life Tracker System

Advanced package 1

Flip-up Head Mount
Demist Shield
Sacrificial Window
Brow Pads (2)
Shoulder Strap
Camera Adapter
3x Afocal Lens
Mil Spec. Hard Case

Advanced package 2

Flip-up Head Mount
Demist Shield
Sacrificial Window
Brow Pads (2)
Shoulder Strap
Camera Adapter
3x Afocal Lens
Mil Spec. Hard Case
Weapon Mount Adaptor

3x Bi-ocular kit:

Bi-ocular Eyepiece
3x Afocal Lens
IR450-B4

5x Bi-ocular kit:

Bi-ocular Eyepiece
5x Lens
IR450-B4

Select package 1

Flip-up Head Mount
Demist Shield
Sacrificial Window
Brow Pads (2)
Shoulder Strap

Select package 2

Flip-up Head Mount
Demist Shield
Sacrificial Window
Brow Pads (2)
Shoulder Strap
Weapon Mount Adaptor

Goggle Kit:

Flip-up Head Mount (Automatic power-off in up position)
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OPTIONAL ACCESSORIES



FLIP-UP HEAD MOUNT ASSEMBLY
Comfortable, easy-to-adjust head mount. Automatic power-off in up position.



FLIP-UP HELMET MOUNT
Flip-Up helmet mount. Automatic power-off in up position. Fits most standard helmets.



3X BINOCULAR
Two units with 3x Afocal Binocular Lenses connected to each other through a Dual Bridge provide for a compact dual channel binocular.



MAGNIFIERS
Optional 3x, 5x and 8x lenses available to increase system range.



WEAPON MOUNT ADAPTER
For use in conjunction with daytime optics to provide a Day/Night solution.



SCOPE ADAPTER MOUNT
A day/night system flip-up adapter with Inserts for a variety of scope/telescope models (diameters of the adapters inserts 38.2; 38.7; 39.2; 39.7; 40.2; 40.7; 41.2 mm).

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