



MULTI-PURPOSE SYSTEM

NVM14-3

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.



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.
- IR indicator in the FOV of the monocular. This indicator tells the operator if the IR illuminator is on or off.
- 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
- Compatible with most IR lasers
- Adaptable for use with cameras
- Total Darkness Technology with built-in Infrared Illuminator and flood lens
- Limited two-year warranty

■ 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.

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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.



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 3 V CR123A type battery
Battery Life	50-60 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 (w/o battery)	280 g / 0.62 lbs
Warranty	2 years

NVM14 BASIC KIT

- Multi-Use Night Vision monocular
- Lens Cap
- Eyecup
- Soft Carrying Case
- Operator's Manual
- Battery CR123A Lithium
- Battery Adapter
- Neck Cord



TUBE SPECIFICATIONS

HIGH QUALITY 3 GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Standard
GENERATION	3
PHOTOCATHODE TYPE	GaAs
RESOLUTION, lp/mm*	64
SIGNAL TO NOISE RATIO*	22 Typical
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.

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
ACMPAN14DB	Dual Bridge
ACMPAN14AFDT	Scope Adapter Mount
ACMPAN14HMNT	Universal Helmet Mount Kit
ACMPAN14HMNT	MICH Helmet Mount Kit
ACMPAN14HMNP	PAGST Helmet Mount Kit
ACMUIR85B1	IR850-B1

Advanced package 1

Flip-up Head Mount
Demist Shield
Sacrificial Window
Camera Adapter
3x Afocal Lens
Mil Spec. Hard Case

Advanced package 2

Flip-up Head Mount
Demist Shield
Sacrificial Window
Camera Adapter
3x Afocal Lens
Mil Spec. Hard Case
Weapon Mount Adaptor

3x Bi-ocular kit:

Bi-ocular Eyepiece
3x Afocal Lens
IR850-B1

5x Bi-ocular kit:

Bi-ocular Eyepiece
5x Lens
IR850-B1

Goggle Kit:

Flip-up Head Mount

Select package 1

Flip-up Head Mount
Demist Shield
Sacrificial Window

Select package 2

Flip-up Head Mount
Demist Shield
Sacrificial Window
Weapon Mount Adaptor

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 with IR850

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.

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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