

ATN NVM-14-HPT Gen 2+ Night Vision Monocular



Model : NVM-14-HPT

Manufacturer : ATN Corp.

System Description:

The ATN NVM-14-HPT is a hand-held, head-mounted, helmet-mounted, or weapon-mounted night vision system that enables walking, driving, weapon firing, short-range surveillance, map reading, vehicle maintenance, and administering first aid in both moonlight and starlight. Each unit allows for vertical adjustment (by using head straps), fore-and-aft adjustment, objective lens focus, and eyepiece focus. The device is also equipped with an infrared light-emitting source. NVM-14-HPT Night Vision monocular utilizes the principle of intensification of the residual light which is reflected from the surrounding objects. The optical system of the monocular consists of: an objective lens, an image intensifier tube and an eyepiece.

HPT Image Intensifier Tubes

High Performance Tube!

New production technology of these high performance tubes has resulted in improved performance standards for resolution and signal to noise specifications.

Units with ATN HPT image intensifier tubes have a guaranteed resolution of 54-72 lp/mm and signal to noise 16-24.

- Multi Purpose unit
- Compact yet rugged design
- Hand held monocular
- Hands free goggle (with optional head gear or helmet mount)
- Night-time photography (with use of optional camera adapter)
- Day/Night weapon sight (with the use of the optional weapon mount)
- Waterproof

System Specifications:

- Magnification: 1X
- f-Number: 1.2
- Field of View: 40 degrees
- Eyepiece Diopter Adj.: -6 to +2
- Resolution: 54-72 lp/mm
- Detection range: 300
- Recognition range: 250
- Signal to noise ratio: 16-24
- Eye Relief: 25 mm
- Focusing range: 0,25m to infinity
- Voltage: 3.0 VDC or 1.5 VDC
- Power Requirements: 1 CR123A or 1 AA
- IR Illumination Range: 20 meters
- 1 CR123A battery: 60 hours
- Weight (with battery): 335 grams
- Length : 140 mm

Night Vision Monoculars > ATN NVM-14-HPT Gen 2+ Night Vision Monocular

ATN NVM-14-HPT Gen 2+ Night Vision Monocular

- Width: 50 mm
- Height: 69 mm
- Operating Temperature: -40 +50°C
- Storage Temperature: -50 +70°C
- Dimension: 120 x 70 x 50 mm = 4.7" x 2.8" x 2.0"
- Weight: 0.34 kg (0.75 lbs)
- Warranty: 2 Years

Advanced package 1: \$529.00

- Camera adapter, 3x lens, Hard Shipping/storage case, Head Mount assembly, Head mount adapter, Brow Pads (2), Lens Cleaning Kit, Shoulder Strap, Sacrificial window, Demist shield

Advanced package 2: \$599.00

- Picatinny Weapon Mount Adapter, Camera adapter, 3x lens, Hard Shipping/storage case, Head Mount assembly, Head mount adapter, Brow Pads (2), Lens Cleaning Kit, Shoulder Strap, Sacrificial window, Demist shield

Select package 1: \$199.00

- Head Mount assembly, Head mount adapter, Brow Pads (2), Lens Cleaning Kit, Shoulder Strap, Sacrificial window, Demist shield

Select package 2: \$299.00

- Picatinny Weapon Mount Adapter, Head Mount assembly, Head mount adapter, Brow Pads (2), Lens Cleaning Kit, Shoulder Strap, Sacrificial window, Demist shield

Price : \$2,295.00

Availability: This product was added to our catalog on Monday 27 October, 2008