

AMERICAN TECHNOLOGIES NETWORK, CORP.

NVM | 4-HP

MULTI PURPOSE NIGHT VISIO

- Lightweight
- · Compact, rugged design
- Waterproof
- Weapon mountable
- · Head or helmet mountable for hands-free usage
- · Left or right eye use
- Easy of operation
- 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

HIGH QUALITY HPT GEN IMAGI	E INTENSIFIER TUBE
DESCRIPTION	High Performance

GENERATION HPT PHOTOCATHODE TYPE..... Multi - Alkali RESOLUTION*...... 54 - 72 lp/mm

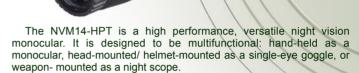
SIGNAL-TO-NOISE RATIO*....... 16 - 24 EXPORT...... N/A for Export

FIGURE OF MERIT...... 1600 typical

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







The NVM14-HPT utilizes a single HPT gen image intensifier tube combined with specially designed optics to provide crisp, clear images under the darkest of conditions.

The NVM14-HPT has an optional flip-up headset or helmet mount with an automatic off-feature. The automatic off-feature turns the unit off when it is flipped-up out of the viewing position.

The NVM14-HPT has a host of additional features such as a built-in IR illuminator with rotary lens to select between IR Spot or Flood Beam as well as a built-in automatic highlight cutoff to protect the image intensifier. The NVM-14 also includes a bright light and low battery warning indicators built into the viewing area of the eyepiece.

The NVM14-HPT is compatible with most weapons, IR laser aiming/illuminating devices and standard collimated reflex sights.

Optional: System/IIT service life recorder-feature that lets you measure the hours of operation (within one minute) that have been used on the system.

Magnification	
Lens system Element	. F1.2, 25 mm
Exit Pupil	
Eye Relief	. 25 mm
Eye use	
FOV	
Range of focus	
Diopter Adjustment	
ABC- Automatic Brightness	
Control Cut-off to Protect	
Image Intensifier Tube	
Bright Light Indicator	
Controls	
Infra-red Illuminator	Built-in Rotary Select - Flood & Spot
IR Illumination Range	. 20 meters
IR Indicator	LED ON/ Battery Low
Weight w/ Battery	0.34 kg
Dimensions	. 120 X 49 X 69 mm
Environmental rating	. Waterproof 20 m, 1 hr.
Operation Temperature	40 to +50 C
Storage Temperature	50 to +70 C
Flip Up Headset	
w/ Automatic System Off	
	. 30 hrs. (AA), 60 hrs. (3 V, Lithium)
Battery Life w/ IR ON	. 30 hrs. (3 V, Lithium) Continous
Power supply	(1) 3 V Lithium, or (1) AA Alkaline
Mil-Spec 810 Standards	
Waterproof	
Warranty	. 2 Year

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.

American Technologies Network Corp. 1341 San Mateo Avenue, South San Francisco, CA 94080 800-910-2862 650-989-5100 FAX 650-875-0129

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