



AMERICAN TECHNOLOGIES NETWORK, CORP.

NVM14-WPT

MULTI PURPOSE NIGHT VISION

"White Phosphor Technology© (WPT©) from ATN. - Green is so last year!"

In ATNs continuing effort to supply our clients with cutting edge Night Vision solutions we are proud to introduce a new line of select units based on ATN White Phosphor Technology© (WPT©).

Studies show that nighttime scenes appear remarkably more natural in black and white versus the usual green. B&W provides clearer information about contrast, shapes and shadows. ATNs White Phosphor Technology© provides users with this natural B&W night vision image.

Operators that tested units that use ATN WPT© reported a significantly better degree of detail, overall contrast, full moon similarity and range of shades. WPT© provides more discriminating shades of intensity between white and black than between green and black resulting in better contrast and depth perception then when compared to green phosphor NVG's

The majority of the WPT© performance characteristics are on par or better then the latest Gallium Arsenide based image intensifier tubes. WPT© specifications include typical resolution of 68lp/mm (with some over 74lp/mm) and Signal-to-Noise figures as high as 25.

7 out of 10 users name WPT© as a "Night Vision Preference" when compared with common green night vision, especially in an urban environment. "No lab testing needed on WPT© - the depth perception is phenomenal and noticeably better than what I used in the past." - SOF Operator K.

Designed for Special Ops WPT© is not a toy. If your life depends on your gear and you want to improve your operational effectiveness you should check it out.

ATN WPT© represents a new standard for night vision.

SPECIFICATIONS:

- **Photo Cathode type: Multi-Alkali**
- **Black & White image output**
- **Resolution: 60-74lp/mm - 68 Typical**
- **Signal-to-Noise Ratio: 18-26 - 22 Typical**
- **10,000-hour tube life**

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

- **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**



The NVM14-WPT is a high performance, versatile night vision monocular. It is designed to be multifunctional: hand-held as a monocular, head-mounted/ helmet-mounted as a single-eye goggle, or weapon-mounted as a night scope.

The NVM14-WPT 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-WPT 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-WPT 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	1X
Lens system Element.....	F1.2, 25 mm
Exit Pupil	14 mm
Eye Relief	25 mm
Eye use	Left or Right
FOV	40 deg.
Range of focus.....	0,25 m to infinity
Diopter Adjustment	-6 to +6
ABC- Automatic Brightness Control Cut-off to Protect Image Intensifier Tube..... Yes	
Bright Light Indicator.....	Yes
Controls.....	Digital
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	Yes
Battery Life w/o IR ON.....	30 hrs. (AA), 60 hrs. (3 V, Lithium)
Battery Life w/ IR ON.....	30 hrs. (3 V, Lithium) Continuous
Power supply.....	(1) 3 V Lithium, or (1) AA Alkaline
Mil-Spec 810 Standards	Complies
Waterproof	20 m for 1 hrs.
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.

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