



AMERICAN TECHNOLOGIES NETWORK, CORP.

ATN PS-15-WPT NIGHT VISION GOGGLES

"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.

- High Quality image intensifier tube
- Super fast lens system provides the user with a clear and sharp image
- Built-in Infra Red illuminator lets you see even in total darkness
- 3x lenses (optional)
- Adjustable Flip-up headmount or helmet mount for hands free use
- IR-on and Low Battery indicators
- Single switch knob operation
- Automatic brightness control for high-light protection, unit will turn off automatically if exposed to excessive light for more than 10 seconds. If the unit is move away from the bright light, it will reactivate automatically.
- Camera/camcorder-adaptable
- Uses one 3V lithium battery



The PS-15-WPT Night Vision goggles is one of the most versatile night vision devices available. This unit can be handheld, head-mounted for hands free usage, it is camera/camcorder adaptable, and can be 3x binocular. The intergrated IR illuminator enhances the ability of the user to read maps and operate in confined, zero light areas. The PS-15-WPT night vision goggles is a complex optoelectronic system for individual use. The device consists of the objective lens assembly, eyepiece and the body.

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

MAGNIFICATION.....	1X (optional 3X)
LENS SYSTEM.....	F1:1.2, F27mm
FOV.....	40°
DIOPTR ADJUSTMENT.....	-6/+2
EXIT PUPIL.....	14mm
INTERPUPILARY DISTANCE.....	57..71mm
POWER SUPPLY.....	two 3 volt lithium
RANGE OF FOCUS.....	0.25 m to infinity
OPERATING TEMPERATURE.....	-40°C TO +50°C
STORAGE TEMPERATURE.....	-50°C TO +70°C
BATTERY LIFE.....	50 HOURS
WATERPROOF.....	20 m for 1 hour
DIMENSIONS.....	134X113X68mm
WEIGHT.....	0.7 kg / 1.5 lbs



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

www.atncorp.com

E-mail: info@atncorp.com, sales@atncorp.com

