



MARS2/MARS4/MARS6-WPT

NIGHT VISION RIFLESCOPES

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

In ATN's 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. ATN's 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 than when compared to green phosphor NVG's.

The majority of the WPT® performance characteristics are on par or better than 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

- **POWERFUL 2X OR 4X OR 6X MAGNIFICATION**
- **SUPERIOR QUALITY MULTI-COATED ALL GLASS OPTICS**
- **"SINGLE-ELEMENT" ADJUSTABLE FRONT FOCUS**
- **NITROGEN-PURGED FOR RESISTANCE TO INTERNAL FOGGING**
- **MIL-DOT RETICLE**
- **CRISP-CLICK PRECISION WINDAGE AND ELEVATION ADJUSTMENTS**
- **TARGET TURRETS**
- **AUTOMATIC BRIGHTNESS CONTROL**
- **TACTICAL RAIL ENABLING MOUNTING OF IR ILLUMINATOR OR IR LASER**
- **LOW BATTERY INDICATOR**
- **TACTICAL DIGITAL REMOTE CONTROL**
- **WATERPROOF AND SUBMERSIBLE TO 66 FEET FOR 1 HOUR**
- **INCLUDED MOUNT FOR PICCATINO OR 7/8" WEAVER-STYLE RAIL (M4/M16/AR-15 CARRY HANDLE MOUNT - OPTIONAL)**
- **UNIT ACCEPTS EITHER, (1) 3V CR123A OR (1) AA BATTERY**
- **DAY TIME COVER WITH IR FILTER**

ATN Night Vision Weapon sights – the world's most complete line of professional night vision sights – has a new flagship – the ATN MARS Series. Inspired by ATN's quest for technical perfection and named after the Roman God of War, the ATN MARS NV rifle-scopes represent the absolute latest in the world of night vision equipment. Similar to all ATN scopes the ATN MARS features only the purest grades of heavy glass and com-puter-aided optical designs to create multi-element, high-speed, multi-coated lenses for ultra-fast light transmission and resolution beyond current military standards. All optical lenses on the MARS scopes are individually fitted and calibrated to achieve optimum performance. The ATN MARS uses the highest quality type hand-selected image intensifier tubes (IIT) based on the latest night vision technologies. A wide array of IIT configurations are available to choose from to satisfy various requirements and specifications.

The ATN MARS are also available in Military specification Generation 4 Filmless, autogated configuration which was developed for US Armed Forces to optimize functionality in all lighting conditions, ensuring superb performance, outstanding clarity and combat reliability.

Compact, lightweight and rugged one-piece construction is CNC milled from solid aerospace-quality aluminium billet and fitted with titanium inserts. The ATN MARS gives the weapon operator 50% more (45mm!) of eye relief than Raptor (4X and 6X) and ITT F7001 (A) and offers superior performance over other manufacturer's models in regard to step of windage and elevation precision as well as in other characteristics and features.

ATN MARS is the only night vision scope with new ATN proprietary feature – Two-Color Manual Brightness control of the aiming reticle. This feature allows for a choice of color (red or amber) of the projected reticle depending on operator's preference and tactical situation.

| | MARS 2X | MARS 4X | MARS 6X |
|-------------------------|---------------------------------|---------|---------|
| ◆ MAGNIFICATION | 2X | 4X | 6X |
| ◆ FOV | 25° | 16° | 11° |
| ◆ EYE RELIEF | | 45mm | |
| ◆ EXIT PUPIL | | 7mm | |
| ◆ DIOPTRER ADJUSTMENT | | -6 / +2 | |
| ◆ POWER SUPPLY | ONE 3 V LITHIUM OR 1.5V(AA) | | |
| ◆ OPERATING TEMPERATURE | -51°C TO +45°C | | |
| ◆ WATERPROOF | 20M FOR 1 HOUR | | |
| ◆ RETICULE | MILDOT 2 COLORS (RED AND AMBER) | | |
| ◆ LENGTH | 212 mm | 240 mm | 300 mm |
| ◆ WEIGHT | 1.12 kg | 1.44 kg | 1.8 kg |

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.

