



NIGHT VISION WEAPON SIGHT

MARS2-HPT

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 riflescopes 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 computer-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.

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 yellow) of the projected reticle depending on operator’s preference and tactical situation.

- Superior quality Multi-coated all-glass optics
- Precision windage and elevation adjustments
- Tactical digital remote control
- Waterproof and submersible to 66 feet for 1 hour
- Included mount for Picatinny or 7/8" Weaver-style rail
- Unit accepts either, (1) 3V CR123A or (1) AA battery
- Nitrogen-purged for resistance to internal fogging
- Free Mil-spec hard case included
- Limited Two-Year Warranty

SPECIFICATIONS

Magnification	2.5x
Lens System	F 1.5; 70 mm
FOV	14°
Exit Pupil	7mm
Eye Relief	45mm
Range of Focus	5m to infinity
Diopter Adjustment	-5 to +5
Controls	Direct
Remote Control	Yes
Automatic Brightness Control	Yes
Bright Light Cut-off	Yes
IR Indicator	Yes
Low Battery Indicator	Yes
Power Supply	1 x 1.5 V AA type battery or 1 x 3 V CR123A type battery*
Battery Life	55 hours (3V) / 40 hours (1.5V)
Environmental Rating	Waterproof
Operating Temperature	-51 to +45 °C
Storage Temperature	-55 to +70 °C
Dimensions	215x90x85 mm / 8.5x3.5x3.4"
Weight	1.1 kg / 2.4 lbs

TUBE SPECIFICATIONS

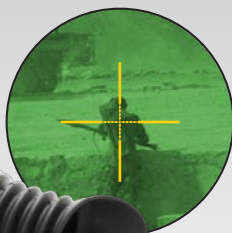
HIGH QUALITY HPT GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	High Performance
GENERATION	HPT
PHOTOCATHODE TYPE	Multi - Alkali
RESOLUTION, lp/mm*	54-72
SIGNAL TO NOISE RATIO*	16-24
FIGURE OF MERIT	1600 Typical
MTTF - MEAN TIME BEFORE FAILURE, hours	10,000
EXPORT	N/A for Export

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



IR-450 Infra-red Illuminator



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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