



NIGHT VISION WEAPON SIGHT

MARS2-HPTI

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 HPTI GEN IMAGE INTENSIFIER TUBE

PHOTOCATHODE TYPE	Multi-Alkali
GENERATION	HPT
RESOLUTION, lp/mm*	51-64
SIGNAL TO NOISE RATIO*	16-24
FIGURE OF MERIT	<1250
PHOTOSENSITIVITY	500-750
MTTF - MEAN TIME BEFORE FAILURE, hours	10,000
EXPORT	State License Req.

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



IR-450 Infra-red Illuminator



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