



## NIGHT VISION WEAPON SIGHT

## MARS2-3

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.

- Powerful 2.5x magnification
- Superior quality Multi-coated all-glass optics
- Precision windage and elevation adjustments
- Tactical digital remote control
- Waterproof and submersible to 3.3 feet for 30 min
- Included mount for Piccatingy or 7/8" Weaver-style rail
- Unit accepts either, (1) 3V CR123A or (1) AA battery
- Nitrogen-purged for resistance to internal fogging
- Free Pelican Hard case included
- Limited Two-Year Warranty

### SPECIFICATIONS

MAGNIFICATION	2.5x
LENS SYSTEM	F1:1.2
FOV	14°
RANGE OF FOCUS	10m to infinity
EYE RELIEF	45mm
EXIT PUPIL	7mm
DIOPTRER ADJUSTMENT	-6 / +2
WINDAGE & ELEVATION ADJUSTMENTS	180 MOA
RETICLE ADJUSTMENT STEP SIZE	3/8 MOA
POWER SUPPLY	One 3 V lithium or 1.5V(AA)
BATTERY LIFE	55 hours (3V), 40 hours (1.5V)
OPERATING TEMPERATURE	-51°C to +45°C
STORAGE TEMPERATURE	-55°C to +70°C
WATERPROOF	1m (3.3 feet) for 30 min
RETICLE	Mildot 2 colors (RED and YELLOW)
DIMENSIONS	212 x 90 x 85 mm/ 8.4" x 3.5" x 3.4"
WEIGHT	1.1 kg/ 2.4 lbs

### TUBE SPECIFICATIONS

#### HIGH QUALITY 3 GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Standard
GENERATION	3
PHOTOCATHODE TYPE	GaAs
RESOLUTION, lp/mm	64
SIGNAL TO NOISE, MINIMUM	22 Typical
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



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