



NIGHT VISION WEAPON SIGHT

MARS4-4

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.

The ATN MARS uses the highest quality MX10160 type hand-selected image intensifier tubes (IIT) based on the latest night vision technologies. The ATN MARS in Military specification Generation 4 Filmless, autogated configuration which was developed for US Armed Forces to optimize functionality in all lightning 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.

- Powerful 4x magnification
- 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 Piccatinny 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	4x
LENS SYSTEM	F1:1.5
FOV	9°
RANGE OF FOCUS	10m to infinity
EYE RELIEF	45mm
EXIT PUPIL	7mm
DIOPTER ADJUSTMENT	-6 / +2
WINDAGE & ELEVATION ADJUSTMENTS	120 MOA
RETICLE ADJUSTMENT STEP SIZE	1/4 MOA
POWER SUPPLY	One 3 V lithium or 1.5V(AA)
BATTERY LIFE	50 hours (3V), 40 hours (1.5V)
OPERATING TEMPERATURE	-40°C to +50°C
STORAGE TEMPERATURE	-50°C to +70°C
WATERPROOF	20m (66 feet) for 1 hour
RETICULE	Milidot 2 colors (RED and AMBER)
DIMENSIONS	235 x 90 x 95 mm/ 9.3" x 3.5" x 3.7"
WEIGHT	1.3 kg/ 2.9 lbs

TUBE SPECIFICATIONS

HIGH QUALITY 4 GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Autogated/Filmless
GENERATION	4
PHOTOCATHODE TYPE	Filmless GaAs
RESOLUTION, lp/mm *	64-72
SIGNAL TO NOISE RATIO*	25-30
FIGURE OF MERIT	2000 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

MARS4X
with remote control

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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