



AMERICAN TECHNOLOGIES NETWORK, CORP.

NVM14-3A MULTI PURPOSE NIGHT VISION

- Lightweight
- Compact, rugged design
- Waterproof
- Weapon mountable
- Head or helmet mountable for hands-free usage
- Left or right eye use
- Easy of operation
- Auto Brightness Control
- Bright Light Cut-off
- Ergonomic, Simple, Easy to operate controls
- Utilizes either CR123A lithium battery or AA Alkaline. (Adapter included)
- Compatible with most IR lasers
- Adaptable for use with cameras
- Total Darkness Technology with built-in Infrared Illuminator and flood lens
- Optional Patented Life Tracker System available for measuring hours of operation
- Limited Two-year Warranty



The NVM14-3A is a high performance, versatile night vision monocular. It is designed to be multifunctional: hand-held as a monocular, head-mounted/ helmet-mounted as a single-eye goggle, or weapon-mounted as a night scope.

The NVM14-3A utilizes a single 3rd gen image intensifier tube combined with specially designed optics to provide crisp, clear images under the darkest of conditions.

The NVM14-3A has an optional flip-up headset or helmet mount with an automatic off-feature. The automatic off-feature turns the unit off when it is flipped-up out of the viewing position.

The NVM14-3A has a host of additional features such as a built-in IR illuminator with rotary lens to select between IR Spot or Flood Beam as well as a built-in automatic highlight cutoff to protect the image intensifier. The NVM-14 also includes a bright light and low battery warning indicators built into the viewing area of the eyepiece.

The NVM14-3A is compatible with most weapons, IR laser aiming/illuminating devices and standard collimated reflex sights.

Optional: System/IIT service life recorder-feature that lets you measure the hours of operation (within one minute) that have been used on the system.

HIGH QUALITY 3A GEN IMAGE INTENSIFIER TUBE

DESCRIPTION.....	Select Alpha
GENERATION.....	3
PHOTOCATHODE TYPE.....	Thin Film GaAs
RESOLUTION, LP/MM *	64 - 72
SIGNAL-TO-NOISE RATIO*.....	26 typical
EXPORT.....	N/A for export
FIGURE OF MERIT	1800 typical

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

Magnification	1X
Lens system Element.....	F1.2, 25 mm
Exit Pupil	14 mm
Eye Relief	25 mm
Eye use	Left or Right
FOV.....	40 deg.
Range of focus.....	0,25 m to infinity
Diopter Adjustment	-6 to +6
ABC- Automatic Brightness Control Cut-off to Protect Image Intensifier Tube.....	Yes
Bright Light Indicator.....	Yes
Controls.....	Digital
Infra-red Illuminator.....	Built-in Rotary Select - Flood & Spot
IR Illumination Range.....	20 meters
IR Indicator.....	LED ON/ Battery Low
Weight w/ Battery	0.34 kg
Dimensions	120 X 49 X 69 mm
Environmental rating	Waterproof 20 m, 1 hr.
Operation Temperature	-40 to +50 C
Storage Temperature.....	-50 to +70 C
Flip Up Headset w/ Automatic System Off	Yes
Battery Life w/o IR ON.....	30 hrs. (AA), 60 hrs. (3 V, Lithium)
Battery Life w/ IR ON.....	30 hrs. (3 V, Lithium) Continuous
Power supply.....	(1) 3 V Lithium, or (1) AA Alkaline
Mil-Spec 810 Standards	Complies
Waterproof	20 m for 1 hrs.
Warranty	2 Year



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