



AMERICAN TECHNOLOGIES NETWORK, CORP.

NVM14-CGT

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

HIGH QUALITY CGT GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Custom
GENERATION	CGT
PHOTOCATHODE TYPE.....	Multi - Alkali
RESOLUTION*.....	45 - 54 lp/mm
SIGNAL-TO-NOISE RATIO*	16 - 22
EXPORT.....	N/A for Export
FIGURE OF MERIT.....	Less than 1250

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

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

The NVM14-CGT 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-CGT 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-CGT 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.

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



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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