



# HARRIS F6015, GEN 3 MONOCULAR NIGHT VISION DEVICE

## F6015 SERIES (AN/PVS-14)

For more than 50 years, Harris Corporation (Harris) has provided the military with premier vision-enhancing solutions. As the world's leading manufacturer of Generation (Gen) 3 image intensifier technology, Harris continues to work hand-in-hand with customers to expand night vision and vision-enhancing capabilities, technologies, and resources.

### KEY BENEFITS

High resolution, high gain, and very high photoresponse in visible and near infrared

Multifunctional: Hand-held as a monocular, head-mounted or helmet-mounted as a single-eye goggle, or weapon-mounted as a night scope

Variable gain control for enhanced performance in altering light conditions

Light weight: 355 grams

Uses many components and ancillary accessories common to the F5001 Series

Uses universally available AA batteries

Harris also provides technical support, service, training, and maintenance for our products to maximize customer benefits and usability. Harris now offers the F6015 Series Monocular Night Vision Device (MNVD) in a light-weight single-battery configuration. The single-battery configuration delivers the same features and versatility as the earlier dual-battery F6015 in a lighter weight monocular, providing greater mobility and comfort under normal operational conditions.

Harris' F6015 MNVD is designed for use by the individual soldier in a variety of ground-based night operations. It features the superior performance of the Gen 3 F9815 image intensifier tube with a variable gain control to achieve an optimum balance in the images seen by both eyes. The dark-adapted unaided eye provides situational awareness and vision of close-range objects, while the night vision aided eye provides long-range vision of potential threats and targets. This visual flexibility enables the soldier to move quietly and effectively under all night conditions.

For weapon firing, the F6015 can be mounted on a MIL-STD-1913 weapon rail behind a standard collimated dot sight. When fitted with the 3X magnifier, the unit fits similarly behind the collimated dot sight. This configuration provides the soldier with a 3X night scope, significantly increasing the range of the F6015 for weapon firing. Alternatively, the F6015 can be head or helmet mounted for increased situational awareness and mobility.

SPECIFICATIONS FOR: **HARRIS F6015, GEN 3 MONOCULAR NIGHT VISION DEVICE**

**GENERAL**

<b>On-Axis Resolution (max.) at optimum light level</b>	1.3 cycles/milliradian
<b>System Magnification</b>	1 X ±0.03
<b>System Distortion</b>	Less than 3%
<b>Range Focus</b>	25 cm to infinity
<b>Diopter Focus</b>	+2 to -6 diopters
<b>Exit Pupil and Eye Relief</b>	14 mm on-axis exit pupil at 25-mm eye relief
<b>Field of View</b>	40 ±2°
<b>System Brightness Gain</b>	Adjustable from 25 to more than 3,000

**PHYSICAL**

<b>Weight of Monocular with eyecup, lens cap, neck cord and battery</b>	355 grams
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**ENVIRONMENTAL**

<b>Temperature</b>	Operating: -51°C to +49°C Storage: -51°C to +85°C
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**STANDARD ACCESSORIES**

<b>Medium and Thick Brow Pads</b>	Changeable pads to accommodate head sizes
<b>Head/Helmet Mount Adapter</b>	Attaches F6015 to head strap or helmet mount. Allows the user to position the monocular unit in front of either eye
<b>Eye Cup</b>	Prevent the emission of stray light or facial reflections
<b>Demist Shields</b>	Snap onto the eyepiece to prevent condensation on the optics
<b>Sacrificial Window</b>	Shields the objective lens from airborne sand, dust, or anything that may scratch the lens
<b>Carrying Case</b>	Provides convenient storage
<b>Shoulder Strap</b>	Attaches to the F6015 carrying case for easy portability
<b>Lens Paper</b>	Used to lightly clean the objective and eyepiece glass surfaces

**OPTIONAL ACCESSORIES**

<b>Helmet Mount Assembly</b>	Secures the night vision device to the operator's helmet for night viewing providing freehand support for use with a weapon, protective mask, or other purposes
<b>Head Mount Assembly</b>	Allows hands free operation. Adjusts to accommodate the user's head size and eye position
<b>Small-Arms Mounting Adapter</b>	Allows mounting of the night vision device to various rifle mounts. Two different models are offered.
<b>3X or 5X Magnifier Lens</b>	Increases the size of the viewed image by a factor of three or five
<b>Tethering Cord</b>	Attaches to the night vision device enabling device to be worn around the neck
<b>Eye Guard</b>	Used in connection with the small arms mounting adapter for added eye protection
<b>Shipping/ Storage Case</b>	Provides protection for shipping and long term storage

**About Harris Corporation**

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments from ocean to orbit and everywhere in between. Harris has approximately \$8 billion in annual revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

Night Vision  
7635 Plantation Road  
Roanoke, Virginia 24019-3222  
Attention: Business Development  
Telephone: 800-448-8678 or 540-563-0371  
Fax: 540-362-4979  
E-mail: nvsales@harris.com

FLORIDA | NEW YORK | VIRGINIA | BRAZIL | UNITED KINGDOM | UAE | SINGAPORE

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