



L3HARRIS®
FAST. FORWARD.

GPNVG WHITE PHOSPHOR

Ground Panoramic Night Vision Goggle

CHARACTERISTICS	
Field of View	97° (±2°) horizontal by 40° (±2°) vertical
Dimensions	9.1 L x 4.6 W x 4.1 H in (23.11 L x 11.68 W x 10.41 H cm)
Weight	< 800 g (28.2 ounces) without accessories
Diopter	Snap-on diopter windows ranging from +0.5 to -2.5
Battery Life	14 hrs. at 25°C (77°F) on (4) DL123, with low-profile battery pack 14 hrs. at 25°C (77°F) on (4) AA, with cold weather battery pack
Objective Focus	18 in (45 cm ±3 cm) to infinity (Each objective offers independent focus)
Immersion	1 m for 120 minutes (min)

FEATURES

- > Wide panoramic 97° field-of-view image with no loss of visual acuity in outer channels
- > Uses four commercially available 18 mm MX-10160 style I² tubes
- > Interpupillary, tilt, fore and aft adjustments available depending on the system's bridge
- > Available with ANVIS or BNVIS mount for use with multiple helmet and mount configurations
- > Modular design for maintenance and supportability
 - Solder-free replaceable tube design
 - Fully maintainable bridge design
- > Individual monoculars can be detached from the system and powered with the included power adapter to provide a covert handheld NVG
- > Meets military environmental specifications
- > Optional cold-weather battery pack, with selectable IR beacon, provides better performance in cold temperatures using readily available AA batteries
- > Full complement of spares and ancillary items



The L3Harris Ground Panoramic Night Vision Goggle (GPNVG) is a wide field-of-view, helmet-mounted Image Intensified (I²) night vision device with white phosphor tube technology for improved target detection and recognition. Low-light and nighttime maneuvers appear more natural in black and white, with added contrast detail in shapes and shadows, providing the operator more visual information for assessment and acquisition. White phosphor tubes offer various shades of intensity between black and white (over black and green), resulting in better contrast and depth perception.

BNVIS ruggedized mount pictured above

I² tubes are available at various performance levels and exportable subject to Department of state approval.

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The GPNVG uses commercially available 18 mm MX-10160 I2 tubes and is ruggedized for ground applications. Leveraging the design of the Aviation PNVG (AN/AVS-10), the GPNVG's wide 97° panoramic field of view provides the warfighter increased Situational Awareness during periods of reduced light and night operations. Individual monoculars can be detached from the system and powered with the included power adapter to provide a low-profile handheld NVG.



BENEFITS

- > High-performance white phosphor tubes provide enhanced degree of detail and range performance
- > Provides the operator maximum visual information for accurate assessment and acquisition

GPNVG White Phosphor

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