

INTEGRATED PERIPHERAL OVERLAY

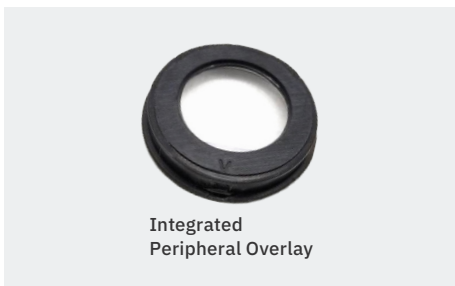
Provides Improved Situational Awareness with a Peripheral Heads-Up Display

The L3Harris Integrated Peripheral Overlay provides mission-critical information to the user's eye including, but not limited to GPS, heading, text delivery and a pathway to blue force tracking. This upgrade for the AN/PVS-14 and BNVD-1531 raises the bar on baseline monocular and binocular night vision technology, enhancing capabilities to support real-time Situational Awareness and Navigation.

PERIPHERAL HEADS-UP DISPLAY DELIVERS IMPROVED SITUATIONAL AWARENESS

The Integrated L3Harris Peripheral Overlay is a system upgrade that adds a Heads-Up Display (HUD) to the PVS-14 or BNVD-1531 using L3Harris Image Intensifier (I²) tubes.

The overlay fuses an ultra-low-power display with an L3Harris image intensifier. This display communicates with the user's personal electronic device over a simple wireless connection to deliver pictures, maps (with position indicator) and text information within the Field-Of-View (FOV). System information such as battery status, infrared illuminator status, gain set point and more can also be displayed when integrated within the BNVD-1531.



SECURED WITHIN A RUGGEDIZED SYSTEM

When incorporated into the existing PVS-14 or BNVD-1531 system, this unique overlay device provides upgraded capabilities without changing the system's dimensions. Alternative attachment systems significantly increase the forward projection or considerably increase the weight of head-mounted systems. The peripheral overlay can be integrated with the PVS-14 by the end customer or at L3Harris; binocular variants installed at L3Harris only.

WORKS WITH THE L3HARRIS AN/PVS-14 AND BNVD-1531 NIGHT VISION SYSTEMS



High-Quality Performance

EQUIP YOUR SYSTEM WITH A PERIPHERAL HEADS-UP DISPLAY

Provides Improved Situational Awareness and Mobility within New and Legacy Systems

- > Peripheral overlay outside the active Field-of-View (FOV)
- > Heading and GPS location
- > Delivery of pictures, maps or text based information
- > Pathway to blue force tracking when tethered with L3Harris radios for communications and data networking

Upgrade for I² Systems

MADE IN THE U.S.A.

Overlay Capabilities Provided within the Protective Housing of an I² System

- > Field-upgrade for in-service PVS-14 systems or purchase add-on for new PVS-14 and BNVD-1531 contracts
- > Wireless communication with any computing device through L3Harris app
- > Green or white tube technologies
- > Monochrome 320 x 240 display
- > Ultra-low power < 75 mW



When paired with an L3Harris tube, the Integrated Peripheral Overlay utilizes the system's existing power supply running on either the standard single AA battery or attached battery pack (BNVD-1531 only).

L3Harris is moving to bring digital capabilities to new and existing systems. The initial product release will be compatible with the PVS-14 and BNVD-1531 systems. Future development focuses on bringing the same HUD technology to a wider range of binocular offerings.



Integrated Peripheral Overlay

HEADS-UP DISPLAY

The L3Harris Integrated Peripheral Overlay provides mission-critical information to the user's eye including, but not limited to GPS, heading, text delivery and a pathway to blue force tracking.

Important Features for the Operator

- > Heading and GPS location
- > Pathway to blue force tracking
- > Field-upgrade PVS-14 and BNVD-1531 night vision systems

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1025 W. NASA Boulevard
Melbourne, FL 32919
t 866 509 2040
Quotes.Insight@L3Harris.com