

# SKYLENS™ HEAD WORN DISPLAY



SVS ON  
EVS ON



## KEY BENEFITS

- HUD equivalent solution
- Cost effective and easy to install
- Fully compatible with mission computers
- Augmented high-resolution imagery and video, including IR from different sensors and EOPs
- Basic and advanced conformal flight symbology
- Configurable symbology for specific missions
- SVS-ready (Synthetic Vision System) for extended, 360° field of regard
- Supports Line-of-Sight (LOS) and enables target designation
- Visual advantage for takeoffs, landings, night and low-visibility conditions
- Mature, field-proven technology, qualified for airborne environment

## TRUE SITUATIONAL AWARENESS

SKYLENS, Elbit Systems' wearable Head-Up Display (HUD), relieves aircrew of the cognitive load associated with the vast amount of in-flight data they must interpret. By fusing together the various layers of information, SKYLENS presents an intuitive, conformal view of the operational surroundings, flight data and threats, providing aircrew with an advanced situational awareness. This unified display significantly simplifies and improves in-flight decision making processes, allowing aircrew to focus on the success of their mission.

## TECHNOLOGY AT A GLANCE

**IMAGE SOURCE TYPE:** Monochrome flat panel

**IMAGE SOURCE RESOLUTION:** 1280x1024 pixels

**REFRESH RATE:** 60 Hz

**IMAGE SCAN:** Raster

**COLOR:** Green

**PROJECTION:** Monocular, off-the-visor display

**VISOR TYPE:** Clear display visor with optional dark visor

**CONTROL:** Brightness, contrast and declutter

**DESIGN STANDARDS:** Environment DO160G

# SKYLENS™

## HEAD WORN DISPLAY

The revolutionary, commercially proven SKYLENS concept is based on Elbit Systems' thirty year legacy of Helmet Mounted Displays with over 10,000 operational systems in service, and millions of operational hours to date.

Leveraging this expertise, SKYLENS provides a highly-advanced, augmented reality view of the world outside the cockpit, with conformal symbology of all relevant information. This high-resolution data is displayed on a transparent visor that is experienced as intuitively as wearing a pair of glasses, providing unequivocal benefits during takeoff, landing, poor visibility conditions and operational flights.

