

e-LAD™

Large Area Display. Digitally engineered.



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21st Century warfare operational challenges require increased Lethality & Survivability capabilities. These capabilities are achieved via advanced sensors and decision support application processing that present fused data on pilot's vehicle interfaces, such as Helmet Mounted Displays, Head-up Displays and Panoramic Head-Down Displays.

Elbit Systems' Panoramic e-LAD Display portfolio integrates flight and mission data into a single, smart and redundant display with superb optical performance and unique user interface.

Proven experience

Elbit Systems' Panoramic Displays are currently implemented worldwide in major front-line fighter and trainer programs. Elbit Systems robust solutions can be easily adapted into Rotary-wing, Fighter, Transport and Trainer platforms cockpit environments.



Key features & benefits

- Production readiness - TRL-9
- Single unified / multi-touch screen display
- Fault-tolerant & redundant display, electronics & optics
- Real-time response, NVG compatible, IR multi-touch capabilities
- High quality retinal resolution LCD with fast switching speed, provides sharp presentation of moving targets
- Cooling - Natural convection (no forced air required, no fans)
- Superb optical engineering:
 - Extra-wide viewing angles with uniform brightness and colors
 - High brightness and contrast for direct sunlight visibility
 - Saturated colors in both day and NVG modes for vibrant reds and yellows
 - Prevents canopy reflections
- Wide range of standard avionics interfaces
- FACE compliant design
- Optimized high performance open-system, general, graphic and video processing
- Flexible & configurable bezel design with accordance to crew station ergonomic requirements

Configurable workspace to match mission requirements



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