

Codis GVD-126 10-Inch GVA Video Display

Rugged touchscreen GVA display with Def Stan 23-09 compliant design and modular expansion slots

Real-time video imaging for C4ISR and GVA compliance with ergonomics and optimized SWaP-C

The Codis GVD-126 GVA video display from Esterline combines a rugged 10-inch touchscreen with real-time video imaging to provide a high-performance visualization display in a compact footprint. The Codis GVD-126 display is compliant with the Generic Vehicular Architecture (GVA) and optimized for SWaP-C and modular open architecture, making this display ideal for vehicle-mounted C4ISR applications.

Extreme Performance

The GVD-126 display delivers the latest proven technologies, such as a rugged analog-resistive, low-reflection touchscreen, and real-time video stream decoding for tactical network architectures. These features are packaged to perform while operating in harsh environments.

Image Processing and Computing Performance

The GVD-126 unit connects to a variety of network stream, analog video, and data sources to deliver enhanced situational awareness. For a smart-display configuration with an open-architecture CPU, Esterline also offers the Codis SmartView SV-126 display.

Modular Design

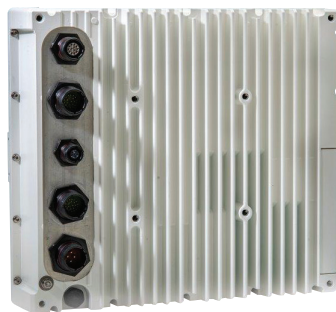
The SV-126 smart display includes expansion slots based on open industry standards. This modularity allows customized IO configurations and dedicated hardware controllers to support multiple security domains.



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Specifications

Panel size	10.4 inches diagonal, 4:3 aspect ratio	Power supply	MIL-STD-1275E compliant
Resolution	1024 x 768 (XGA)	Power consumption	50 W typical, 80 W max. (without heaters)
Color depth	6 bits/color 8 bits/color with patented dithering algorithm	Dimensions	286 x 254 x 68 mm / 11.25 x 10.0 x 2.66 inches (w x h x d)
Brightness	Day mode: 340 cd/m ² / 100 fL min. Night mode: 3.43 cd/m ² / 1.0 fL max., dimmbable to black	Weight	5.9 kg / 13 lbs
Contrast ratio	900:1 (dark environment)	Environmental	MIL-STD-810G Operating temperature: -46° to +65° C (+71° C with limitations) Storage temperature: -51° to +71° C Humidity: 95 percent, 60° C Altitude: 40,000 feet operating, 50,000 feet non-operating Salt fog: 48 hours, 5-percent concentration Sand and dust: blowing sand/dust Ingress protection: 1 meter immersion for 30 minutes Vibration: tracked-vehicle profile Shock: 40 g, 23 ms (6 shocks/axis)
Dimming ratio	> 200:1 typical	EMI / EMC	MIL-STD-461F Ground army
HMI	Def Stan 23-09 compliant bezel 4 control keys and 28 function keys Rugged AR high-resolution touchscreen	Standard GVD-126 inputs/outputs	Def Stan 23-09 compliant connectors 1x VIVOE Gigabit Ethernet port 1x DVI-D 1.0 video port 1x USB 2.0 touchscreen port 1x USB 2.0 remote-control port 1x maintenance Ethernet port 1 x 8 GPIO inputs ports



EMI / EMC

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Optional GVD-126 inputs/outputs

4x video inputs RS-170, PAL/NTSC

Refer to Codis SV-126 literature for optional smart display configuration, featuring the latest Intel® Core™ CPUs.

For more information about
Codis GVD-126 GVA displays,
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