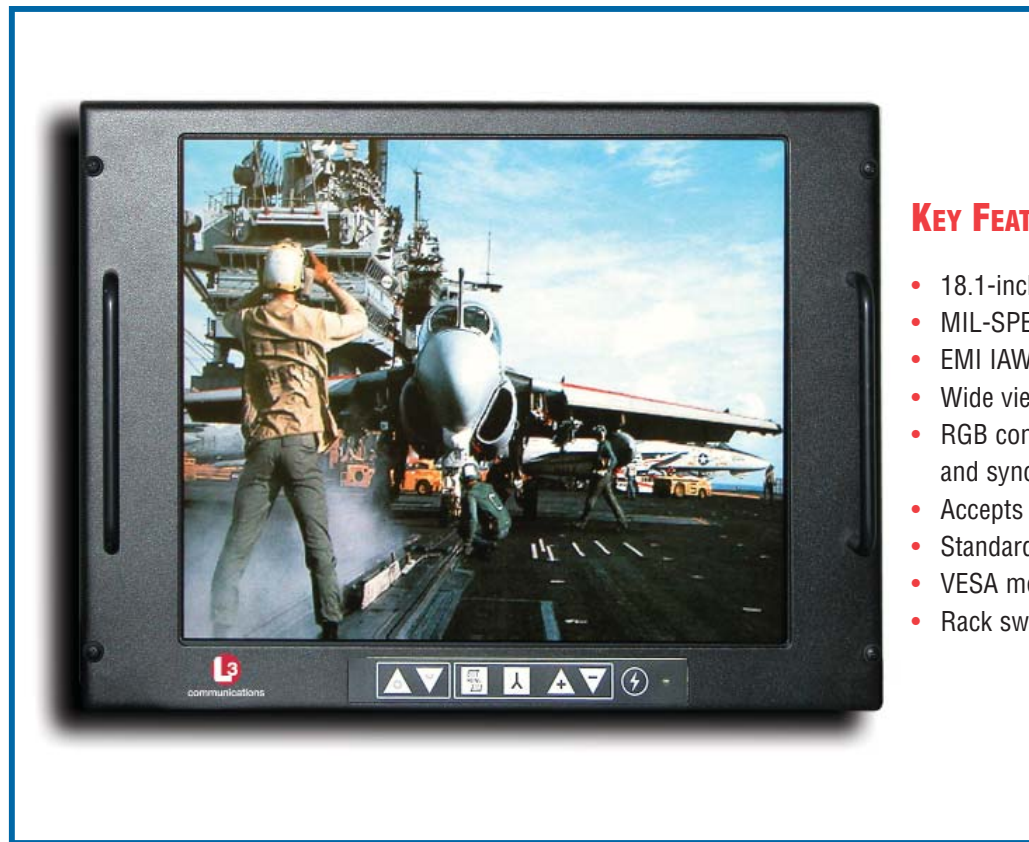


Rugged 18-inch Flat Panel Display



KEY FEATURES

- 18.1-inch SXGA TFT-LCD
- MIL-SPEC for shock & vibration
- EMI IAW MIL-STD-461E
- Wide viewing angles
- RGB computer, separate sync and sync on green inputs
- Accepts analog and DVI-I digital
- Standard 19-inch 8U rack mountable
- VESA mount
- Rack swing-arm mounting option

The L-3 Communications 18.1-inch Flat Panel Display defines a new standard in rugged, color flat panel display packaging for military and severe environment industrial applications. These flat panel displays provide wide viewing angles and maintain visual clarity when used in enclosed and daylight operations.

This unique and rugged COTS display is a low cost upgrade and retrofit product designed to replace CRTs, or in applications requiring minimum space and power constraints. The display is offered with numerous options for flexibility in ground mobile, fixed and airborne and shipboard installations.



communications

Rugged 18-inch Flat Panel Display



Optional Swing Arm Mount

Functional

Active Area	18.1" diagonal (14.1" H X 11.3" V) (35.9cm H X 28.7cm V)
Maximum Resolution	1280 x 1024 (SXGA)
Display Colors	16.7 Million
Display Brightness	50 fL @ 23° C
Pixel Pitch	Square - .281 mm
Pixel Configuration	RGB vertical stripe
Contrast Ratio	500:1
Dimming Ratio	5:1
Viewing angle	± 85 degrees Horizontal and Vertical typical
Reliability	15,000 hrs @ 25° C
Lamp life	20,000 hrs to half brightness
Interfaces	Analog HD-15 Digital DVI-I

Electrical

Power Input	110/220 VAC 50/60 Hz
Power Consumption	90 watts max
Safety	UL60950 compliant

Environmental

Temperature	-20° to 55° C (operational) -40° to 75° C (storage)
Humidity	95% non-condensing IAW MIL-STD-810F
Operational Vibration	MIL-STD-810F for ground, groundmobile, shipboard and airborne. Mil- Std 167 when hard mounted.

Operational Shock	MIL-STD-810F for ground, ground mobile, shipboard and airborne. Mil-Std-901D Grade A Class 1 rack or console mounted
EMI/ RFI	Mil-Std 461E FCC Class B Standard
HAEMP	MIL-STD-2161B

Physical

Dimensions	14.00" H x 19" W x 5.0" D (Without handles)
Weight	19.5 lbs
Cooling	Convection
Display window	Environmental seal, Solar loading rejection, UV protection, LCD protection, EMI shielding

Options

Attachable Rack or console Swing Arm
Mount for front access to interior
rack/console electronics

For more information, please contact:
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