

### RFD-361

Multi-touch Rugged multi-purpose display

## Multi-touch enabled, high performance graphics display for mission-critical environments



The RFD-361 is a Ruggedized 24" WUXGA (1920 x 1200) Multi-purpose display, designed and qualified as drop in replacement for the legacy Esterline Codis RFD-357 rugged display.

The RFD-361 features an intuitive projected-capacitive multi-touch screen supporting up to 10 simultaneous touches and gestures. Combined with the patented LCD Flicker Compensation (LFC) technology and a compact, lightweight yet extremely rugged design, it is perfectly suited for mission-critical operations in naval and unmanned environments. RFD-361 provides a 200 cd/m<sup>2</sup> screen brightness and a 2000:1 wide dimming range enabling it to operate during day and night time.

## Product specification

<b>RFD-361</b>	
Panel size	24"
Resolution	1920 x 1200 WUXGA
Backlight	LED
Brightness	200 cd/m <sup>2</sup> (58 fL) typical
Dimming ratio	2000:1
Contrast Ratio	1000:1
Viewing angle	± 89° horizontal and vertical
Touch	Projected Capacitive multi touch (10 simultaneous touches)
Vibration operational	MIL-STD-167-1 Type 1
Shock	MIL-S-901D Grade A, Class I hard mount
Operational Temperature	MIL-STD-810G Meth 501.5 and Meth 502.5, Proc II high temperature: + 50°C (122°F) low temperature: 0°C (32°F)
Storage Temperature	MIL-STD-810G Meth 501.5 and Meth 502.5, Proc I high temperature: + 70°C (158°F) low temperature: - 40°C (-40°F)
Relative Humidity	MIL-STD-810G Meth 507.5, Proc II max 95%
Enclosure (Drip)	MIL-STD-810G Meth 506.5, Proc III
Altitude low pressure	MIL-STD-810G Meth 500.5, Proc I & II operating: between 6,000ft (813mbar) and -5,200ft (1219mbar) non-operating: between 15,000ft (570mbar) and -20,500ft (2026,5mbar)
Salt Fog	MIL-STD-810G Meth 509.5 on display FRONT
Sand & Dust	MIL-STD-810G Meth 510.5, Proc I & II on display FRONT
EMI / EMC	MIL-STD-461F - NAVY applications ( Submarine internal)
Signal Inputs	DVI-D / VGA
USB	USB2.0 for Touch communication
Power	110 - 230VAC 47 - 63Hz
Power consumption	maximum 65W (at full display brightness)
Controls	OSD/web interface SNMP remote display control
Indicators	Green 'Power' LED, Red 'Fault' LED
OSD	On Screen Display & web interface
Weight	10.75 ± 0.25 kg (23.7 ± 0.55 lbs)
Finishing	Bezel color: Black RAL 9005 Surface treatment: ROHS compliant Chromated Cr3 (MIL-DTL-5541 type II Class 3)

Approved for public release; distribution is unlimited.

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