

RFD-361

24" Multi-purpose display

1920 x 1200 multi-touch rugged display

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

Scioteq's RFD-361 is a ruggedized 24" WUXGA (1920 x 1200) multi-purpose display, designed for mission-critical situations in the harshest environments.



Multi-touch capabilities

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/m² screen brightness and a 2000:1 wide dimming range enabling it to operate during day and night time.



Product specifications	
Panel size	24"
Panel resolution	1920 x 1200 (WUXGA)
Weight	11.10 ± 0.30 kg / 24.47 ± 0.66 lbs
Dimensions	570 x 399 x 65 mm / 22.44 x 15.71 x 2.56 inches (w x h x d)
Brightness	200 cd/m ² (58 fL) typical
Dimming ratio	2000:1
Contrast ratio	1000:1
Viewing angle	± 89° horizontal and vertical
Video inputs & outputs	DVI-D / VGA USB2.0 for Touch communication
Command & control	OSD/web interface SNMP remote display control
Power	28VDC or 110–230 VAC Per MIL-STD-1275E or MIL-STD-704
Power consumption	maximum 65W (at full display brightness)
Operating 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%
Vibration	Operational: MIL-STD-810F, Meth. 514.5 Fig. C-2 and C-3, Proc. I
Shock	MIL-S-901D Grade A, Class I hard mount
EMI / EMC	MIL-STD-461F - NAVY applications (Submarine internal)
Enclosure (drip)	MIL-STD-810G, Meth 506.5, Proc III
Altitude	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, sand & dust	MIL-STD-810G, Meth 509.5, on display FRONT MIL-STD-810G, Meth 510.5, Proc I & II, on display FRONT
Shock	MIL-S-901D, Grade A, Class I hard mount
Touch	Projected Capacitive multi touch (10 simultaneous touches)
Indicators	Green 'Power' LED, Red 'Fault' LED
OSD	On Screen Display & web interface
Finishing	Bezel color: Black RAL 9005 Surface treatment: ROHS compliant Chromated Cr3 (MIL-DTL-5541 type II Class 3)

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The information and data given are typical for the equipment described.
However any individual item is subject to change without any notice.

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