

FD-240 15.6" Control display

1366 x 786 rugged multi-touch control display

Designed for mission-critical operations in naval and unmanned environments.



ScioTeq's FD-240 is a low weight, yet extremely rugged multi-touch control display. A perfect example of cost effectiveness, because of the quality and long lifecycle.

Top-notch technology

The FD-240 is a 15.6" WXGA desktop X11 terminal and input device. The screen offers a brightness of 500 cd/m² to ensure full sunlight readability under all expected ambient lighting conditions typically encountered on board of Navy ships.

Multi-touch capabilities

The FD-240 features a glove compatible projected-capacitive multi-touch screen supporting up to 4 simultaneous touches and gestures. Combined with an extremely compact, lightweight design, it is perfectly suited for mission-critical operations in naval environments.



Product specifications	
Panel size	15.6"
Panel resolution	1366 x 786 WXGA
Weight	3.35 kg / 7.39 lbs
Dimensions	393 x 261 x 45 mm / 15.47 x 10.28 x 1.77 inches (w x h x d)
Brightness	500 cd/m ² (146 fL) typical
Dimming ratio	1000:1
Contrast ratio	900:1
Viewing angle	± 80° horizontal and vertical
Video inputs & outputs	X11 over the RJ45 ethernet interface
Command & control	UP / DOWN / SEL / QUIT / STANDBY In conjunction with OSD
Power supply	12 VDC 10% (Switchcraft connector RASPC10PS)
Power consumption	Maximum 40W (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-167-1, Type 1 Non-operational: MIL-STD-810G, Meth 514.6, Cat 2 and Cat 9
Shock	MIL-S-901D, Grade A, Class I hard mount
EMI / EMC	MIL-STD-461F - NAVY applications (Surface ships & Submarine internal)
Drip proof	MIL-STD-810G, Meth 506.5, Proc III
Altitude low pressure	MIL-STD-810G, Meth 500.5, Proc I & II Operating: between 4,200 ft and -1,900ft Non-operating: up to 15,000 ft
Rapid decompression	MIL-STD-810G, Meth 500.5, Proc III From 5,000 ft to 35,000 ft
Temperature shock	MIL-STD-810G, Meth 503.5, Proc I-C 3 cycles from - 20°C up to + 50°C
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
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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