

Rugged Military LCD

15" Rugged Display, DVI-D Input, LED Backlight, Internal Heaters, MIL-STD Amphenol Connectors, EMI-461 Compliance, IP67 Sealed, 12-36Vdc, External cables are not included, External cables are not included (Pin out will be provided)

+RS-232 Resistive Touch Screen

Model: DMM15000R-D-TR



On today's digital battlefield, rugged hardware must be designed to operate in any environment. iTech designs and manufactures highly reliable military COTS displays that meet and exceed key military specifications including MIL-STD-461, MIL-STD-810 and MIL-STD-1275.

STANDARD FEATURES

- DVI-D Input
- SVGA Resolution (800x600)
- Auto Scaling VGA to UXGA
- MIL-C Connectors*
- LED Backlight (3000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- IP67/NEMA 6 Enclosure
- Tactile Buttons
- 8.4", 10.4", 12.1" and 15.0" TFT AM LCD Sizes
- MIL-STD-461, 810, 1275 Compliant



OPTIONAL FEATURES

- Analog Resistive Touch Screen
- XGA Display Resolution (1024x768)
- NVIS MIL-STD-3009 Class B White Compliant
- Night Vision Compatible – Monochrome



*Cables not included

STANDARD

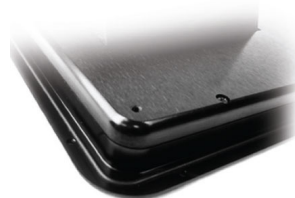


Panel Mount



RAM Mount

OPTIONS



Flush Mount



RACK Mount



SPECIFICATIONS

LCD Size	Resolution	Nits	Viewing Angle	Contrast Ratio	Maximum Power Consumption
15.0" TFT AM LCD	XGA (1024x768)	800 nits	160° (H) x 140° (V)	800:1	40 Watts
Technical Specifications					
Display	8-bit color, 16,777,216 colors				
Dimming Ratio	3000:1				
Video Input	DVI-D				
Connectors*	MIL-C Connectors				
Housing	Milled AL, Black Hard Anodized				
Mounting	Flush, Panel, Rack or RAM Mount				
Wide Range DC Power Input†	10-36 VDC (12,24,28 VDC nominal)				
Power Conditioning	Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity				
Environmental Specifications					
IP Rating	IP67 (NEMA 6 Submersible)				
Operating Temperature	-40°C to 71°C (-40°F to 160°F); (-20°C (-4°F) with Touch Screen Option)				
Storage Temperature	-51°C to 71°C (-60°F to 160°F)				
Humidity	0-100%				
Altitude	45,000 ft.				
Military Specifications					
MIL-STD-461	EMI	MIL-STD-810	Method 512; Immersion		
MIL-STD-704	Aircraft Power Requirements	MIL-STD-810	Method 513; Acceleration		
MIL-STD-810	Method 500; Altitude	MIL-STD-810	Method 514; Procedure I, II, V, VI; General Vibration		
MIL-STD-810	Method 501; I & II; High Temperature	MIL-STD-810	Method 516; Procedure I, Functional Shock		
MIL-STD-810	Method 502; I & II; Low Temperature	MIL-STD-810	Method 520; Temp, Humidity, Vibe and Altitude		
MIL-STD-810	Method 503; Temperature Shock	MIL-STD-810	Method 523; Vibro-Acoustic/Temp		
MIL-STD-810	Method 505; Solar Radiation	MIL-STD-1275	Vehicle Power Requirements		
MIL-STD-810	Method 506; Rain	MIL-STD-1472	Thermal Contact Hazard		
MIL-STD-810	Method 507; Humidity	MIL-STD-3009	NVIS Compatible (Optional)		
MIL-STD-810	Method 508; Fungus	MIL-PRF-22885	Sunlight Readability for Push Buttons		
MIL-STD-810	Method 509; Salt/Fog	MIL-A-8625	Standard Finish, Type III, Class 1 & 2		
MIL-STD-810	Method 510; Blowing Sand and Dust	MIL-PRF-22750	Painted Finish, Optional, Minimum Quantity Required		
MIL-STD-810	Method 511; Explosive Atmosphere	MIL-DTL-26482	(and 38999) Connector, Qualified		



Mechanical Drawings

NO DRAWINGS AVAILABLE AT THE MOMENT

