



Display Features Overview	
Backlight	High bright LED sunlight readable (optional)
Anti Reflective Coating	AR coating minimizes specular reflections
Mount	Water tight flange mount design with EMI gasket.
Auto Position / Settings	Auto position resolution scaler 1024 x 768 native to 640 x 480
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection / Fan

Display Characteristics			
Display Size	15 inch diagonal		
Resolution	1024 X 768 colored pixels		
Colors	16.7 million		
Active Area	(H)228.096mm x (W)304.128mm		
Brightness	200 cd/m ²		
Viewing Angle	Vertical: +/- 70 deg Horizontal: +/- 70 deg		
Contrast Ratio	450:1 Typical		
Response Time	8ms		
Sync Range	Horizontal: 30 kHz to 82 kHz		
Video non-interlaced	Min refresh rate 60 Hz (no flicker)		
Controls	Front controlled dimming and power. Rear mounted pushbutton switches for display adjustments		
Power Input	Input: +20-28VDC, 25 VDC Nominal		
Power input connector	JE2 MS27484T14F5SA		
Power Consumption	Less than 60 watts		
Data Inputs			
VGA	Located on JE1		
Serial interface	Host serial interface for command, status and touch data.		
Serial interface connector	JE1 MS27484T14F35PB		
Mechanical Characteristics			
Bezel Dimensions	Outer dimensions (H)14.5" x (W) 17.25" (D) 4.0"		
Mounting	(22x) 0.281" Diameter mounting holes		
Sealing	Watertight enclosure		
Weight	Less than 25 lbs		
Environmental Characteristics (designed to)			
Shock	Mil-S-901D, Grade A, Class1 Type A (when mounted in assembly 7250720)	Vibration	Mil-STD-167-1a, Type 1 4-25Hz
ESD	Mil-STD-1686A Class 2	Watertight	Mil-STD-810E (when mounted in assembly 750720)
Sand & Dust	Mil-STD-810E	Fungus	MIL-HDBK-454 guideline 4
Non-operating temp	-13 to 140F	Operating temp	-32 to 122 F