

# DLX1251

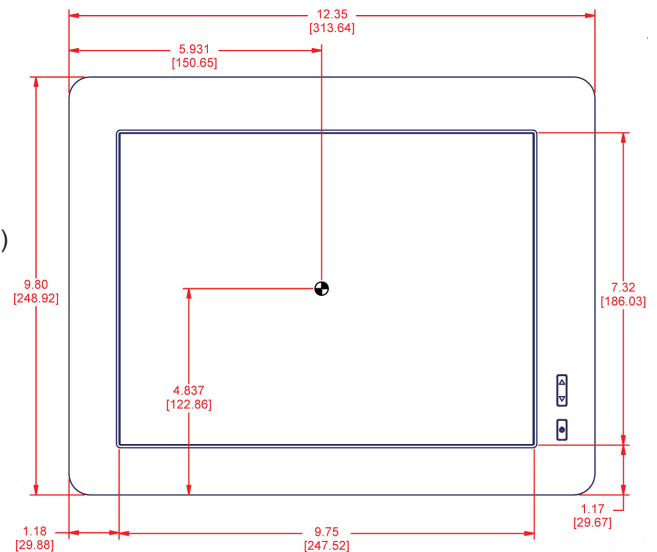
## INDUSTRIAL TOUCH SCREEN DISPLAY

The DLX1251 is a hardened 12.1" Touch Screen Display designed for the most rugged industrial environments. Featuring a hard anodized, fully sealed (IP67 rated), milled aluminum enclosure, the DLX1251 system delivers outstanding video quality while being exposed to extreme shock, vibration, dust, water, and wide temperatures. Commercially available connectors, multiple mounting options, and an intuitive Touch Screen allow for simple installment and user interface.



### STANDARD FEATURES

- 12.1" TFT AMLCD
- Video Input: VGA, RS-170 (2)
- XGA Resolution (1024x768), 8-bit color
- Analog Resistive Strengthened Touch Screen (USB Interface)
- Auto On
- High Bright LED Backlight
- Anti-Reflective and Anti-Glare Treatments
- Hard-Anodized Aluminum Enclosure
- IP67 Sealed against Dust and Water
- Shock and Vibration Resistent
- Multiple Mounting Options



Technical Specifications	
Display	Active Matrix Liquid Crystal Display (AMLCD)
Display Resolution	1024 x 768 XGA, 8-bit color, 16,777,216 colors; 1000 nits
Display Viewable Size	12.1" (Diagonal)
Video Input*	VGA, (2) RS-170
External Connectors*	DB-15, USB, Power, RS232, BNC
Housing	Milled AL, Black Anodized, UV Clear Coat
Touch Screen Type	Resistive; Strengthened Glass with Anti-Reflective and Anti-Glare Touch Screen Surface
Touch Screen Interface	USB
Brightness (Typical)	800 cd/m <sup>2</sup>
Contrast Ratio (Typical)	750:1
Dimming Ratio	800:1
Viewing Angle (Typical)	140° (Horizontal) and 120° (Vertical)
Backlight	LED
Dimensions	12.35 in (W) x 9.80 in (H) x 1.595 in (D) (31.37 cm (W) x 24.89 cm (H) x 4.05 cm (D))
Weight	4.6 lbs +/- 0.25 lbs (2.09 kg +/- 0.11kg)
Mounting	Panel, RAM and VESA-Compatible (Built-in 75mm and 100mm VESA)
Wide Range DC Power Input†	9-32 VDC (12,24,28 VDC nominal)
Power Consumption	< 20 Watts
Power Conditioning	Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity
Warranty	Service and Support; One (1) year
Environmental Specifications	
IP Rating	IP67 (NEMA 6 Submersible)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Humidity	0-100%
Shock	50 G
Vibration	5.8 G (5-500 Hz)
Altitude	45,000 ft.
EMI	Designed to meet FCC Class A, CE, UL and TUV

\* Cables not included

† Power range specified covers momentary environmental fluctuations generally found in a mobile environment while display is operating. For power initialization and continual operation, nominal voltages are required

ON-GOING PRODUCT DEVELOPMENT MAY NECESSITATE DESIGN AND SPECIFICATION CHANGES WITHOUT NOTICE.