

TD27 Monitor



Tactical Mission Computing Solutions

The **TD27 Monitor** is a rugged 27 inch high definition display ideal for military tactical applications. The thin package, WUXGA resolution, and 16.7 Million-color capability provide maximum visual clarity without sacrificing space. The TD27 is designed to meet MIL-STD-461.

Designed with commercial off the shelf components, the **TD27** is a cost-effective and easy to maintain. The **TD27** is currently deployed in a tactical vehicle application for displaying target acquisition information.

PHYSICAL

Dimensions	27" x 19.47" x 5"
Weight	35 lbs
Power	120 W (nominal)
Controls	Full Feature OSD Interface
Construction	Aluminum alloy housing/bezel

DISPLAY

Display Type	AMLCD TFT (Touchscreen optional)
Resolution	1920 x 1200 WUXGA, 24 bits/color
Viewing Area	381.77 x 363.6 (15.03 in x 14.31 in)
Color Pixel Size	0.3 mm x 0.3 mm
Screen Size	27 inch Diagonal
Colors	16.7 million colors / 8 bits per pixel
Viewing Angle	R/L 176° (Typ.) U/D 176° (Typ.)
Contrast Ratio	700:1 Typical
Brightness	400 cd/m ²
Signal Interface	Selectable DVI or VGA (S-Video / Composite optional)
Refresh Rate	16 milliseconds (typical)
Power	28 VDC Input

ENVIRONMENTAL

Temperature	0°C to +50°C (operating) (Extended temp available); -51°C to +65°C (non-operating)
Humidity	Up to 90%
Shock	±15gs, 40ms
Vibration	0.04g ² /Hz, 20 to 200Hz
EMI	MIL-STD-461 (tailored)

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