



TD27 High Resolution Monitor



The TD27 High Resolution Monitor is a rugged 27 inch high definition display ideal for military tactical applications. The thin package, HD 1080p resolution, and 16.7 Million-color capability provide maximum visual clarity without sacrificing space. The TD27 is designed to meet MIL-STD-461 and has internal shock mounts to protect the display against hazardous shocks. The display can be mounted in a forward command center or in a mobile vehicle, such as a Humvee.

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.

DISPLAY

Screen Size	27 Inch, 1920 x 1080 HD resolution, 24 bits/color
Type	AMLCD TFT (touchscreen optional)
Contrast Ratio	700:1 typical
Viewing Angle	R/L 176° (Typ.) U/D 176° (Typ.)
Brightness	400 cd/m ²
Viewing Area	381.77mm x 363.6mm (15.03 in x 14.31 in)
Colors	16.7 million colors / 8 bits per pixel
Color Pixel Size	0.3 mm x 0.3 mm
Signal Interface	Selectable DVI or VGA (S-Video / Composite optional)
Refresh Rate	16 milliseconds (typical)
Power	28VDC Input

ENVIRONMENTAL CONDITIONS

Operating Temp	0°C to +50°C (extended temp available)
Storage Temp	-51°C to +65°C
Vibration	0.04g ² /Hz, 20 to 200Hz
Shock	±15gs, 40ms
EMI	MIL-STD-461 (tailored)
Humidity	Up to 90% condensing

PHYSICAL CHARACTERISTICS

Size	28" x 19.5" x 5"
Weight	Approximately 35lbs
Construction	Aluminum alloy housing / bezel
Controls	Full featured OSD interface

