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# VMD-2001UX

20.1" Military Display with Resistive Touch Panel

## FEATURES

- > 20.1 inch color LCD
- > High Resolution 1600 x 1200
- > Wide Viewing Angle
- > Sealed, Fanless Design
- > Resistive Touch Panel (RS232)
- > Auto-Dimming Via Light Sensor (on Front Panel)
- > Designed for Military Use
- > Designed and Built to Meet MIL-STD-810G, MIL-STD-461F



All specifications subject to change without notice

## SPECIFICATIONS

<b>Display Type</b>	20.1" Color TFT Active Matrix LCD
<b>Native Resolution</b>	1600 x 1200 @ 60 Hz
<b>Viewing Angle</b>	+/- 80° All Directons
<b>Display Colors</b>	16.7 Million
<b>Active Area</b>	408.0(H) x 306.0(V) mm 16.06(H) x 12.05(V) inches
<b>Pixel Pitch</b>	0.255(H) x 0.255(V) mm
<b>Luminance</b>	300 cd/m <sup>2</sup> Typical w/ LED Backlights, Dims to Zero
<b>Contrast Ratio</b>	800:1 Typical
<b>Response Time</b>	14 ms Typical
<b>Front Controls</b>	Brightness, Menu, Power, LED Adj
<b>Synchronization Range Horizontal/Vertical</b>	31.5~80.0 kHz / 60 Hz, 75 Hz
<b>Video Input</b>	DVI-D, VGA (HD15F), 5x BNC's
<b>Power</b>	Voltage: 115~230 VAC Power: 90 Watts Typical 60 Hz  Chassis Connector: MS27466E9F98P or equivalent Mate: MS27467E9F98S or equivalent (not supplied)

OSD

Auto, Brightness, Contrast, Clock, Phase, H-, V-, and OSD position



## ENVIRONMENTAL

<b>Temperature</b>	Operating: 0°C to 55°C MIL-STD-810G, Method 502/501 Proc II  Storage: -25°C to 70°C MIL-STD-810G, Method 502/501 Proc I
<b>Humidity</b>	Operating/Storage: 5% to 95% RH Non-condensing MIL-STD-810G, Method 507
<b>Altitude</b>	Operating: 0 to 15,000 ft ASL Storage: 0 to 40,000 ft ASL MIL-STD-810G, Method 500
<b>Shock</b>	40G, 11ms, 1/2-sine
<b>Vibration</b>	MIL-STD-810G, Method 514, Proc. I, 5-500 Hz, x=1.48, y=1.9, z=2.24 Grms, 1 hr./axis
<b>Drip Proof</b>	MIL-STD-810G, Method 506 Proc II All Over
<b>Fungus</b>	MIL-STD-810G, Method 508
<b>EMI</b>	MIL-STD-461F, RE101, RE102, RS101, RS103, CE101, CE102, CS101, CS114, CS115, CS116
<b>Physicals</b>	Height: 15.72 inches Width: 19.00 inches (17.50 chassis) Depth: 2.95 inches behind mtg panel Weight: 22 pounds
<b>Mounting</b>	Rack/Panel/VESA



<b>Options</b>	Non-Touch 28VDC Power Input Sunlight Readable ECDIS Custom Mtg Configurations
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