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# VND-1901SX-8U

19" Military Display

## FEATURES:

- 19" COLOR LED LCD
- WIDE VIEWING ANGLE
- FANLESS DESIGN
- AR SAFETY GLASS WINDOW
- DESIGNED FOR SHIPBOARD, GROUND MOBILE, AIRBORNE USE
- DESIGNED AND BUILT TO MIL-DTL-901E, MIL-STD-167-1A, MIL-STD-810G, MIL-STD-461F



### SPECIFICATIONS

Display Type	19" Color TFT Active Matrix LCD
Native Resolution	1280 x 1024
Viewing Angle	+/- 80° All Directions
Display Colors	16.7 Million
Active Area	376.32(H) x 301.056(V) mm 14.816(H) x 11.853(V) inches
Pixel Pitch	0.294(H) x 0.294(V) mm
Luminance	400 cd/m <sup>2</sup> Typical w/ LED Backlights, Dims to Zero
Contrast Ratio	1000:1 Typical
Response Time	20 ms Typical
Front Controls	Brightness, Menu, Power
Synchronization Range Horizontal/Vertical	31.5~80.0 kHz / 60 Hz, 75 Hz
Video Input	DVI-D, VGA (HD15F)
Power	Voltage: 115~230 VAC Power: <50 Watts Typical 60Hz +/-3% Chassis Connector: IEC-320

### ENVIRONMENTAL

Temperature	Operating:	0°C to 50°C MIL-STD-810G, Method 502/501 Proc II
	Storage:	-25°C to 70°C MIL-STD-810G, Method 502/501 Proc I
Humidity	Operating/Storage: 5% to 95% RH Non-condensing MIL-STD-810G, Method 507	
	Altitude	Operating: 0 to 20,000 ft ASL Storage: 0 to 45,000 ft ASL MIL-STD-810G, Method 500
Shock	MIL-DTL-901E, Grade A, Class I, Type B	
Vibration	MIL-STD-167-1A, Type I	
Drip Proof	MIL-STD-810G, Method 506 Proc II Front Only	
Fungus	MIL-STD-810G, Method 508	
EMI	MIL-STD-461F, CE102, RE101, RE102, CS101, CS114, CS116, RS101, RS103	
Physicals	Height:	13.97 inches
	Width:	19.00 inches (17.72 chassis)
	Depth:	3.25 inches
	Weight:	16 pounds
Mounting	Rack/Console/VESA	
Options	Resistive Touch Panel (USB or RS232)	
	D/MS3102A10SL-3P Power Input Connector	
	AG (Anti-Glare) coating	
	Sunlight Readable	
	DisplayPort, NTSC, S-Video Inputs	