

MILVIEW 20 RUGGED 20.1-INCH LCD DISPLAY



ABOUT

Our MILVIEW 20 Rugged Marine LCD display is designed to meet MIL-STD 810F/G and MIL-STD461 E/F standards and is ready to deploy. They feature fanless design, a tough, corrosion resistant housing, and wide viewing angles to ± 89 degrees.

All MILVIEW LCD displays offer convenient on-screen controls, auto-dimming, and anti-reflective glass as standard. They also come with military grade JY27466 power connectors. EMI ITO glass, and 5-wire, resistive touchscreen options are available on all models.

FEATURES

- Resolution up to 1600 x 1200
- Wide view angle display at ± 89 degrees
- Fan-less design
- Rack-mount / Flush-mount design
- Anti-corrosion housing
- 5-wire resistive touch (optional)
- Designed to meet military shock, vibration, and EMI standards

Display Specifications

Viewable Image Size	20.1 inches
Active Display Area (mm)	408.0(h) x 306.0(v)
Pixel Pitch (mm)	0.255(h) x 0.255(v)
Pixels	1600 x 1200
Contrast Ratio	1000:1 (typical)
Brightness (cd/m2)	350 (typical)
Colors	16.7M / 8-bit
Viewing Angle (CR>=10)	-89~89 (H), -89~89 (V)
Synchronization Range (H/V)	31.5~80.0KHz / 60~75Hz
Reccomended Resolution	1280 x 1024 @ 60Hz/75Hz
Glass	Anti-glare (standard)
Touch (optional)	5-wire resistive touch with EMI mesh filter
ITO glass (optional)	88% transmittance

I/O Connectors

Plug & Play	VESA DDC 1/2B
Back Panel I/O	1x AC power input (Military type) 5x BNCs (R, G, B, H, V) 1x VGA, 1x DVI-D, 1x RS-232 touch interface (optional)

Controls

Buttons	Menu/Auto Adjust/Brightness UP/DOWN LED Adjust/Power
Indicators	Power ON/OFF, Sleep

Mechanical/Electrical

Weight (Kg)	9.4 (20.72 lbs.)
Dimensions (W x L x H)	482.6 mm x 399.4 mm x 85 mm (19 in x 15.72 in x 3.35 in)
Housing	Anti-Corrosion Housing/Fanless
Installation	Flush Rack/Rack Mount Mechanical Design
Power Input	AC 100~240V, Universal, ±10%; DC 24V, ±10% (Optional)
Power Consumption	90W (typical)
Power Management	VESA DPMS Compliant

Environmental

Operating Temperature	-20 deg. C to 60 deg. C
Operating Humidity	95% relative
Shock	MIL-STD-810F/G Method 516.5
Vibration	MIL-STD-810F Method 514.5 / Procedure I
Certifications	CE, FCC ClassB, Designed to meet MIL-STD 810F/G and MIL-STD 461E/F
Humidity	MIL-STD-810F Method 507.4
Transit Drop	MIL-STD-810F Method 516.5 / Procedure IV
High Temperature	Storage: MIL-STD-810F Method 501.4 / Procedure I Operation: MIL-STD-810F Method 501.4 / Procedure II
Low Temperature	Storage: MIL-STD-810F Method 502.4 / Procedure I Operation: MIL-STD-810F Method 502.4 / Procedure II