

# MILVIEW 19"

## Flat Panel Display



## OVERVIEW

Our MILVIEW 19 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  $\pm 89$  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 1280 x 1024
- Wide view angle display at  $\pm 89$  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	19 Inches
Active Display Area (mm)	376.32(h) x 301.06(v)
Pixel Pitch (mm)	0.294(h) x 0.294(v)
Pixel	1280 x 1024
Contrast Ratio	1000:1 (typical)
Brightness (cd/m2)	350 (typical)
Colors	16.7M / 8-bit
Viewing Angle	-89~89 (H), -89~89 (V)
Synchronization Range	31.5~80.0KHz / 60~75Hz
Recommended 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

### Input / Output 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)

### Control Buttons

Front Bezel OSD Menu Buttons	Menu/Auto Adjust/Brightness UP/DOWN LED Adjust/Power
Indicators	Power On / Off , Sleep

### Mechanical | Electrical | Environmental

Weight	7.6 (16.7 lbs.)
Dimensions	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	41W (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	<b>Storage:</b> MIL-STD-810F Method 501.4 / Procedure I , <b>Operation:</b> MIL-STD-810F Method 501.4 / Procedure II
Low Temperature	<b>Storage:</b> MIL-STD-810F Method 502.4 / Procedure I , <b>Operation:</b> MIL-STD-810F Method 502.4 / Procedure