

## MILVIEW 19 RUGGED 19-INCH LCD DISPLAY



### ABOUT

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

<b>Viewable Image Size</b>	19 inches
<b>Active Display Area (mm)</b>	376.32(h) x 301.06(v)
<b>Pixel Pitch (mm)</b>	0.294(h) x 0.294(v)
<b>Pixels</b>	1280 x 1024
<b>Contrast Ratio</b>	1000:1 (typical)
<b>Brightness (cd/m<sup>2</sup>)</b>	350 (typical)
<b>Colors</b>	16.7M / 8-bit
<b>Viewing Angle (CR&gt;=10)</b>	-89~89 (H), -89~89 (V)
<b>Synchronization Range</b>	31.5~80.0KHz / 60~75Hz
<b>Reccomended Resolution</b>	1280 x 1024 @ 60Hz/75Hz
<b>Glass</b>	Anti-glare (standard)
<b>Touch (optional)</b>	5-wire resistive touch with EMI mesh filter
<b>ITO glass (optional)</b>	88% transmittance

### I/O Connectors

<b>Plug &amp; Play</b>	VESA DDC 1/2B
<b>Back Panel I/O</b>	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

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

### Mechanical/Electrical

<b>Weight (Kg)</b>	7.6 (16.7 lbs.)
<b>Dimensions (W x L x H)</b>	482.6 mm x 399.4 mm x 85 mm (19 in x 15.72 in x 3.35 in)
<b>Housing</b>	Anti-Corrosion Housing/Fanless
<b>Installation</b>	Flush Rack/Rack Mount Mechanical Design
<b>Power Input</b>	AC 100~240V, Universal, ±10%; DC 24V, ±10% (Optional)
<b>Power Consumption</b>	41W (typical)
<b>Power Management</b>	VESA DPMS Compliant

### Environmental

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