

# MP19W - 19" PANEL MOUNT LCD DISPLAY

*Rugged System Built for Extreme Environments*

The rugged MP19W is a rugged 19" custom panel mount LCD with a full on-screen display (OSD). The screen is built with optically-bonded anti-reflective glass and has a native resolution of 1440 x 900. The MP19W includes 8 or 16 port integrated KVM.



**CUSTOM BUILT  
RUGGED DISPLAY**



**WIDESCREEN PANEL MOUNT**

- ▶ **SUNLIGHT READABLE**
- ▶ **MOUNTING/POWER OPTIONS**
- ▶ **HD LCD**
- ▶ **MIL-SPEC TESTED**
- ▶ **BUILT IN THE USA**



The SWaP-Optimized MPN19W utilizes 8U height and is less than 3 inches deep. With an industry-leading rugged design, this 19" rugged display is perfect for missions of all kind. The MP19W can be modified to your specifications and we specialize in quick turnarounds.

**For more info on the MP19 19" LCD display, please visit [www.core-systems.com](http://www.core-systems.com)**

# MP19W - 19" PANEL MOUNT LCD DISPLAY

## TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 11.00 in (27.94 cm) Width - 19.75 in (50.16 cm) Depth - 1.75 in (4.45 cm) Weight - 7.5 lbs (3.40 kg)
DISPLAY SIZE	19" HD LCD
RESOLUTION	WUXGA 1440 x 900
DISPLAY INPUT	Standard D-sub 15-pin VGA DVI-D x 1
OSD	Contrast/Brightness, Autosetting, Clock/Phase, Horizontal/Vertical, Position/Expansion/OSD, Text/Graph, Mode Selection, Color Temperature
POWER	Input Line Voltage: 90 ~ 240-VAC Input Frequency: 47 ~ 63-Hz Maximum Peak Power: 105-Watts

## ENVIRONMENTAL SPECIFICATIONS

OPERATIONAL TEMP.	MIL-STD-810F, Method 501.5 Procedures I/II; -15°C to +55°C
STORAGE TEMP.	MIL-STD-810F, Method 501.5, Procedures I/II; -55°C to +85°C
HUMIDITY	MIL-STD-810F, Method 507.4; 48 Hour, 95% RH 40-65C (with conformal coat option)
ALTITUDE	MIL-STD-810F, Method 500.4; 12,500ft operation with 40,000ft transport
VIBRATION	MIL-STD-810G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hz, 60min/axis
SHOCK	MIL-STD-810G, Method 516.6, Procedures I/V; 20g, 11msec - functional shock; 40g, 11msec crash hazard shock
OTHER	MIL-STD-461F CE & RE emissions (with 461 filter option)



### ABOUT US

Core Systems is a premier manufacturer of best-in-class rugged computers and rugged displays. We design and manufacture all of our products in Poway, California. Our 65,000+ square foot facility features onsite engineering, assembly, and testing along with a complete metal fabrication and machining facility. Our wide range of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.