

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

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.