

MLD3K - 3U TRIPLE 19" LCD & KEYBOARD

Rugged System Built for Extreme Environments

The rugged MLD3K display from Core Systems is an industry leading triple 19" rackmount LCD in a short 3U form factor. The triple LED display features zero pixel defects out of the box, and full on screen display. The MLD3K LCD features triple inputs for both DVI-D and VGA signals. When all three monitors are fully extended, the MLD3K provides a true panoramic viewing experience.



**CUSTOM BUILT
RUGGED DISPLAY**

TRIPLE 19" PULL-OUT LCD

- ▶ SUNLIGHT READABLE
- ▶ MOUNTING/POWER OPTIONS
- ▶ 3X HD LCD DISPLAYS
- ▶ MIL-SPEC TESTED
- ▶ BUILT IN THE USA



The triple 19" display has a native pixel resolution of 1280 x 1024 and is built with anti-reflective glass. The triple LED display features zero defects out of the box, a sealed full travel keyboard and an integrated touchpad or trackball pointing device. The SWaP-Optimized MLD3K utilizes 3U height and is 20 inches deep. With an industry-leading rugged design, this triple 19" panel mount LCD is perfect for missions of all kind.

For more info on the MLD3K Triple LCD, please visit www.core-systems.com

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THE EMBEDDED EDGE

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MLD3K - 3U TRIPLE 19" LCD & KEYBOARD

TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 5.25 in (13.33 cm) Width - 19.00 in (48.26 cm) Depth - 26.00 in (66.04 cm) Weight - 39.5 lbs (17.91 kg)
DISPLAY SIZE	3x 19" HD LCD
RESOLUTION	SXGA 1280 X 1024
DISPLAY INPUT	Standard D-sub 15-pin VGA; DVI-D x 1
KEYBOARD	Low Profile, Full Key Size; Water Resistant Splash Guard
POINTING DEVICE	Touchpad Integrated in Keyboard; Four Additional Button Mouse Keys
KVM OPTION	8 or 16 Port Integrated KVM w/ OSD
OSD	Contrast/Brightness, Autosetting, Clock/Phase, Horizontal/Vertical, Position/Expansion/OSD, Text/Graph, Mode Selection, Color Temperature

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.