



RUGGED MLD1K DISPLAY

Military-Grade LCD Display

The Rugged MLD-1K is a 1U lay-flat 19" Full HD (1920 × 1080) display built for military and industrial rackmount environments. It features anti-reflective glass with 400+ nits brightness for clear visuals in harsh lighting. The unit includes DVI and VGA inputs, an integrated Hulapoint pointing device, and a reinforced quick-release cable retention arm. Optional 4- or 8-port KVM switching allows control of multiple systems from one console.

Housed in a rugged 1.75"-high, 25"-deep steel chassis and weighing about 35 lbs, the MLD-1K meets MIL-STD-810F standards for shock, vibration, temperature, humidity, and altitude. Optional MIL-STD-461F EMI filtering supports use in sensitive environments. Ideal for mission-critical deployments, the MLD-1K delivers reliable, space-saving display and control in SWaP-sensitive systems.

- Application-specific design
- Tested to meet military standards
- Built in the USA

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Featured Specifications

Dimensions

Height: 1.75" | Depth: 25.00" | Width: 19.00"

Display

Clamshell 19" display

Resolution

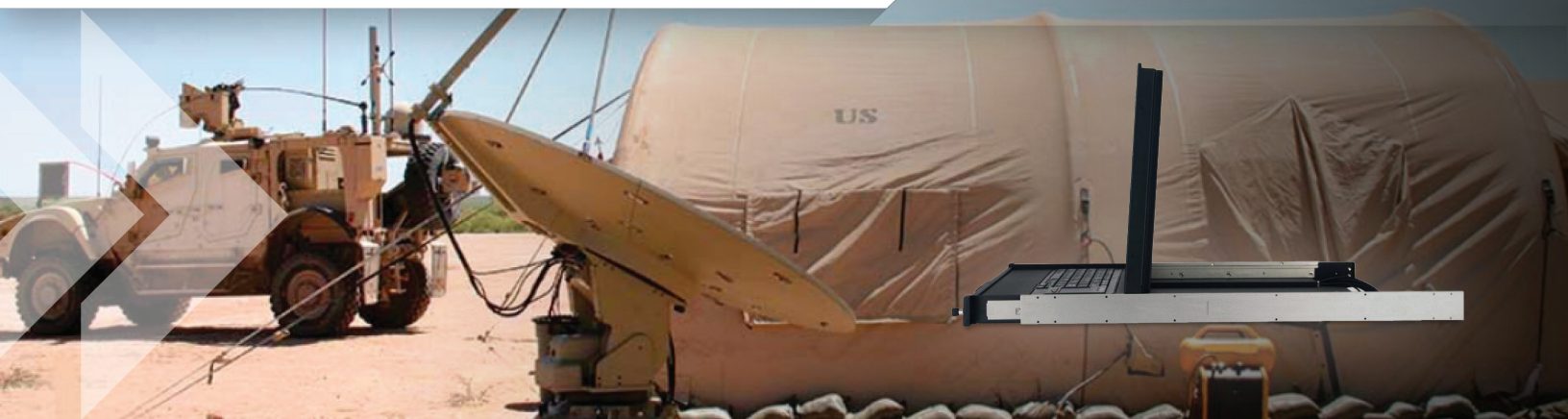
1920 × 1080

Display Input

RGB/DVI/HDMI/HD-SDI/S-Video
Composite (Configurable)

Power

Power options available



Technical Specifications

Dimensions

Height: 1.75 inches, Width: 19.00 inches, Depth: 25.00 inches
Weight: 35.00 lbs

Display

Clamshell 19" display

Resolution

1920 × 1080

Display Input

RGB/DVI/HDMI/HD-SDI/S-Video/Composite (Configurable)

Power

Power options available

KVM Options

4 or 8-port KVM for use with multiple computers in a single rack

Pointing Device

Hulapoint pointing device

Brightness

400+ Nits

Color Depth

16.7M

Chassis

Lightweight aluminum chassis

Environmental Specifications

Operational Temperature

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

Storage Temperature

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

Humidity

MIL-STD-810F, Method 507.4: 95% RH, 48 hours at 40 – 65°C

Altitude

MIL-STD-810F, Method 500.4: 12,500 ft operation; 40,000 ft transport

Vibration

MIL-STD-810G, Method 514.6: 4.43 GRMS, 5-20000Hz, 60 min/axis

Shock

MIL-STD-810G, Method 516.6: 20g, 11ms functional; 40g, 11ms crash hazard

EMC

MIL-STD-461F: CE & RE emissions

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Core Systems designs and builds rugged servers, displays, mission computers, and integrated cabinet solutions for military and industrial applications. From our 85,000 sq. ft. San Diego facility, we deliver cutting-edge, durable computing solutions for mission-critical needs.

Core Systems

13000 Danielson St
Poway, CA 92064

