CORE SYSTEMS

RUGGED ML-2026K DISPLAY

Military-Grade LCD Display

The rugged **MLD-2026K** is a 20″ rackmount LCD in a compact 1U form factor, designed for space-constrained tactical and industrial environments. It features a layflat clamshell display with a native 1600 × 1200 resolution, sealed keyboard, 38mm three-button trackball, and screen tilt up to 90° at a height of 15.3 inches. A reinforced quick-release cable retraction arm ensures reliable operation and simplified serviceability in the field.

Built with a durable aluminum chassis and tested to MIL-STD-810 standards, the MLD-2026K supports both DVI and VGA inputs and offers optional 8- or 16-port KVM switch integration with on-screen display (OSD) functionality. Optional anti-reflective glass enhances screen visibility in harsh lighting conditions, making it a versatile and dependable interface for mission-critical system control.

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

Featured Specifications

Dimensions
Height: 1.75″ | **Depth:** 26.00″ | **Width:** 20 .10″

Display
Clamshell 20″ display

Resolution
1600 × 1200

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

Power
Power options available

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Technical Specifications

Dimensions
Height: 1.75 inches, Width: 20.10 inches, Depth: 26.00 inches
Weight: 24.00 lbs

Display
Clamshell 20" display

Resolution
1600 × 1200

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

Power
Power options available

KVM Options
8 or 16 Port Integrated KVM w/ OSD

Pointing Device
Hulapoint pointing device

Brightness
400+ Nits

Color Depth
16.7M

Chassis
Lightweight aluminum chassis

Enviromental 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

Work With Core Systems Today

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.

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