



RUGGED 3U MLD-3 DISPLAY

Military-Grade Rugged Display

The **MLD-3** is a rugged 3U rackmount LCD display system engineered for panoramic situational awareness in mission-critical environments. Housed in a short-depth 3U chassis, it features three full 19" LCD panels with independent DVI-D and VGA inputs, anti-reflective glass, and zero-defect screens for reliable, high-visibility performance in demanding conditions.

Designed for defense, aerospace, and industrial deployments, the MLD-3 delivers a seamless multi-screen viewing experience while remaining SWaP-optimized for tactical racks and mobile platforms. Its rugged construction and U.S.-built quality make it ideal for fielded systems where durability, clarity, and space efficiency are essential.

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

Featured Specifications

Dimensions

Height: 5.25" | Depth: 20.00" | Width: 19.00"

Weight

45.00 lbs

Screen Size

3x 19"

Display Input

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

Chassis Material

Aircraft-Grade Aluminum



Technical Specifications

Dimensions

Height: 5.25 inches, Width: 19.00 inches, Depth: 20.00 inches
Weight: 45.00 lbs

Display

3 × 19" HD LCD

Resolution

1920 × 1080

Display Input

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

Brightness

350

Power

Power options available

Protective Glass

Anti-reflective, optically bonded

Colors

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

