



RUGGED MPM24 DISPLAY

Military-Grade Rugged Display

The **MPM24** is a rugged 24-inch MIL-SPEC LED display designed for mounting in-vehicle or trailer and engineered for demanding military and industrial environments. With a 1920 × 1080 resolution, 550-nit brightness, and support for 16.7 million colors, it delivers sharp, high-contrast visuals. The display includes integrated stereo speakers and configurable input options including RGB, DVI, HDMI, HD-SDI, S-Video, and Composite for broad system compatibility.

Designed for rack or optional desk or bulk mounting, the MPM24 features a sealed, SWaP-optimized enclosure measuring 15.72" × 22.63" × 3.00" and weighing 24 lbs. Built to withstand harsh environments, it provides reliable performance for in-vehicle, trailer, and field-deployed applications, making it ideal for defense, aerospace, and industrial operations that demand durable, high-resolution display performance.

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

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Featured Specifications

Dimensions

Height: 15.72" | Depth: 3.00" | Width: 22.63"

Display

24" HD LCD

Resolution

1920 × 1080

Display Input

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

Power

Power options available



Technical Specifications

Dimensions

Height: 15.72 inches, Width: 22.63 inches, Depth: 3.00 inches
Weight: 24.00 lbs

Display

24" HD LCD

Resolution

1920 × 1080

Display Input

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

Power

Power options available

Brightness

550

Protective Glass

Anti-reflective, optically bonded

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.

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