



RUGGED MP20 DISPLAY

Military-Grade Rugged Display

The **MP20** is a rugged 20-inch rackmount LCD display built for military, industrial, and tactical environments where durability and performance are critical. Its 1600 × 1200 anti-reflective screen delivers bright, high-definition visuals with versatile input options including RGB, DVI, HDMI, HD-SDI, S-Video, and Composite. Shock-mounted and tested to DO-160E standards, the MP20's 8U, sub-2-inch design ensures compact, reliable operation in demanding conditions.

Engineered for mission-critical applications, the MP20 includes full on-screen display (OSD) controls and optional 8- or 16-port KVM configurations for streamlined management. Built to perform in harsh environments while maintaining exceptional image quality, it is ideal for defense, aerospace, and industrial deployments requiring rugged rackmount display performance.

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

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Featured Specifications

Dimensions

Height: 14.00" | Depth: 3.13" | Width: 19.00"

Display

20" HD LCD

Resolution

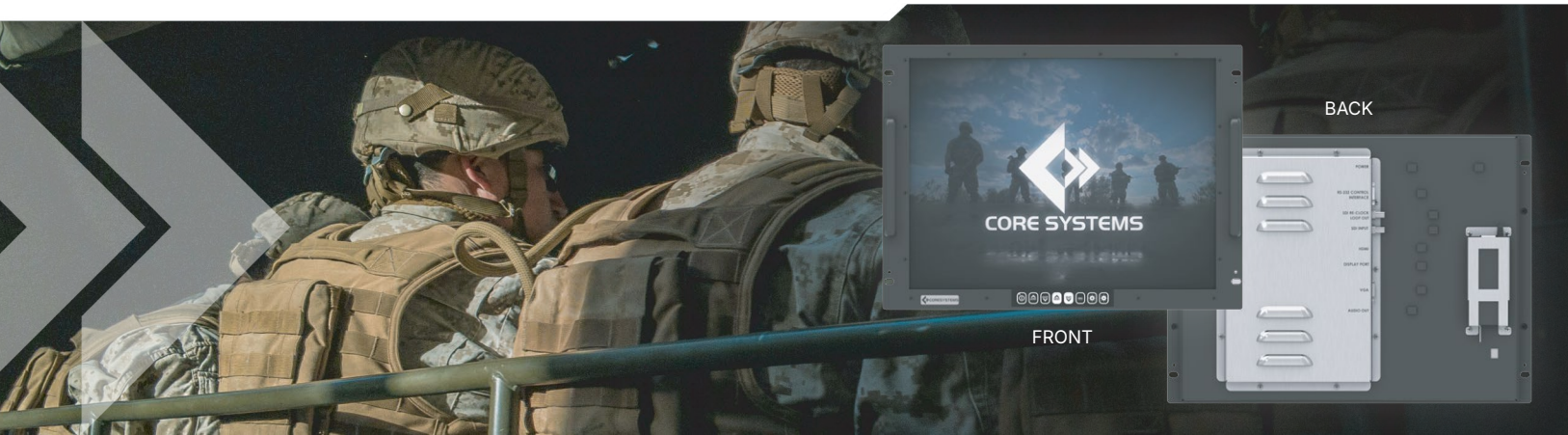
1600 × 1200

Display Input

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

Power

Power options available



Technical Specifications

Dimensions

Height: 14.00 inches, Width: 19.00 inches, Depth: 3.13 inches
Weight: 29.00 lbs

Display

20" HD LCD

Resolution

1600 × 1200

Display Input

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

Power

Power options available

KVM Options

Full on-screen display (OSD)
8 or 16-port integrated KVM.

Brightness

400+ Nits

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.

Core Systems

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