

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

Featured Specifications

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

Display
20" HD LCD

Resolution
1600 x 1200

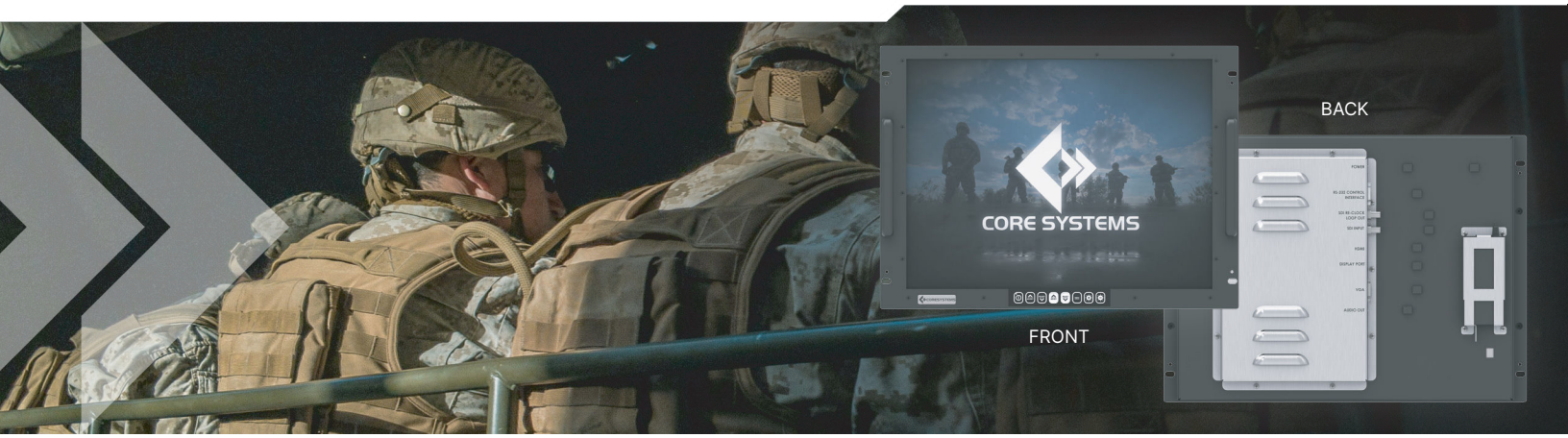
Display Input
RGB/DVI/HDMI/HD-SDI/S-Video
Composite (Configurable)

Power
Power options available

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CORE SYSTEMS

RUGGED MP20 DISPLAY



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 x 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
-15°C to +55°C; MIL-STD-810F, Method 502.4 Procedure II (Low Temperature) and Method 501.4 Procedure II (High Temperature)

Storage Temperature
-55°C to +85°C; MIL-STD-810F, Method 502.4 Procedure I (Low Temperature) and Method 501.4 Procedure I (High Temperature)

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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