



# **RUGGED MLD-2027 DISPLAY**

# Military-Grade LCD Display

The rugged MLD-2027 from Core Systems is an industry-leading 20" rackmount LCD in a 1U form factor, featuring a single layflat clamshell display with a sharp native resolution of  $1600 \times 1200$ . Designed for tactical and industrial applications, it includes a sealed keyboard with a 38mm three-button trackball and an adjustable screen that tilts up to 90 degrees.

Built in a durable chassis, the MLD-2027 offers a reinforced quick-release cable retention arm and a built-in Hulapoint pointing device for precise control. Supporting DVI and VGA video inputs, it also includes an integrated 8- or 16-port KVM switch with on-screen display (OSD) for efficient management of multiple systems. Optional anti-reflective glass enhances screen visibility in challenging lighting conditions.

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

# **Featured Specifications**

# **Dimensions**

Height: 1.75" | Depth: 27.00" | Width: 18.10"

# Display

Clamshell 20" display

## Resolution

1600 × 1200

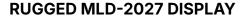
# Display Input

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

#### Power

Power options available









# **Technical Specifications**

#### Dimensions

Height: 1.75 inches, Width: 18.10 inches, Depth: 27.00 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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