

M - CLASS



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SERIES MPxx

The MPxx Series is a high-performance, Military-Grade 1U LCD display drawer featuring a 17.3" or 19" LCD Monitor. When needed, the monitor slides out and the display portion of the monitor rotates up. You can adjust the monitor in almost any position from 0 to 125 Degrees. The Heavy-Duty Torque hinge holds it in place. while integrated slides along with adjustable mounting brackets allow installation in any standard 19" Rack enclosure. The drawer is held closed with thumb screws.

DIT: THE INDUSTRY LEADER IN RUGGED MOBILE MONITORS



FEATURES

- A** MIL-SPEC enhanced LED Backlit LCDs
- B** Thumb Screw Latching
- C** Multiple Front Face Handles and Options
- D** 6061T6 Milled Aluminium Adjustable Mounting Arms
- E** Heavy Duty Torque Hinge
- F** Integrated MIL-SPEC Slides

WHY CHOOSE THE MPxx?

- Rugged All Aluminum Construction
- Customizable Modular Design
- Transit Case Ready
- Pivoting Display Drawer
- Integrated Mil Spec Friction Rails
- Held Closed by Thumb Screws
- Integrated Cable Guide System

VIDEO CONTROLLERS

- **V33xM Controller**
 - Max Resolution: 1920 x 1200
 - Input Options Available: VGA, HDMI, Display Port,
 - Military Grade
 - Conformal Coated
 - Designed to meet Shock and Vibration Requirements
- **V42xM Controller**
 - Max Resolution: 1920 x 1200
 - Input Options Available: VGA, DVI, Display Port,
 - Military Grade
 - Conformal Coated
 - Designed to meet Shock and Vibration Requirements

Additional Controller Options Available

LCD OPTION

173M1 FHD 1920 x 1080 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Brightness: 400 NITS
- Operational Temp: -10-70c
- Storage Temp: -20-70c
- Optical Bonding
- ITO EMI Lens Enhancement

173M2 FHD 1920 x 1080 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Brightness: 1000 NITS
- Operational Temp: -10-70c
- Storage Temp: -20-70c
- Optical Bonding
- ITO EMI Lens Enhancement

173M3 FHD 1920 x 1080 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Brightness: 1000 NITS
- Operational Temp: -10-70c
- Storage Temp: -20-70c
- Optical Bonding
- ITO EMI Lens Enhancement
- NVIS Night Vision Mode

19M1 SXGA 1280 x 1024 (Max Res)

• 19" LED Back Light LCD

- Brightness: 450 NITS
- Operational Temp: -30-85c*
- Storage Temp: -40-85c
- Optical Bonding
- ITO EMI Lens Enhancement

19M2 SXGA 1280 x 1024 (Max Res)

• 19" LED Back Light LCD

- Brightness: 1000 NITS
- Operational Temp: -30-85c
- Storage Temp: -40-85c
- Optical Bonding
- ITO EMI Lens Enhancements

19M3 SXGA 1280 x 1024 (Max Res)

• 19" LED Back Light LCD

- Brightness: 1000 NITS
- Operational Temp: -30-85c
- Storage Temp: -40-85c
- Optical Bonding
- ITO EMI Lens Enhancement
- NVIS Night Vision Mode

FRONT FACE OPTIONS

D8: Thumbscrew with 5" Collapsible Handle

Da7: Thumbscrew w/ Flush Collapsible Handle & Speakers

Additional Front Face Options Available

Standard Equipment



Designed to meet Environmental specifications



Optically Bonded AG Coated Lens



Conformally Coated Electronics



Rapid Install, Milled Aluminium arm kits



Custom Integrated Military-Grade Slide Rails



Power Supply Cradle to Hold the Selected Power Brick in Place



Integrated Cable Guide System

SPECIFICATIONS

- Dimensions: 19" W x 1.75" H x 20" D
- Weight: ~32 lbs
- 9-36 VDC Power Input
- AC Mil-Spec Adapter Optionally Available
- Power Consumption: ~20-40 Watts Depending on Model

Values are approximate and vary based on configuration



SERIES:	DISPLAY:	PROJECT	REV
MP	19M1	XXxxxx	00
	19M2, 19M3, 173M1, 173M2, 173M3	USN0001 Sample Text	00, 01, 02 Revision Number

Custom Options Available On All DITHD Models



Display Integration Technologies | The Worlds Most Configurable Monitors
1357 Rocky Point Drive, Oceanside CA 92056 | 760.599.9225 | www.DITHD.com





Technical Details

Environmental Specifications

Milspec units are built to meet certification is performed on request and at an additional expense. Please consult with your sales engineer for details.

Operational Temperature Range: MIL-STD-810F/G, Method 501.5, Procedures I/II; -10C to +50C

Storage: MIL-STD-810F/G, Method 501.5, Procedures I/II; -40C to +75C

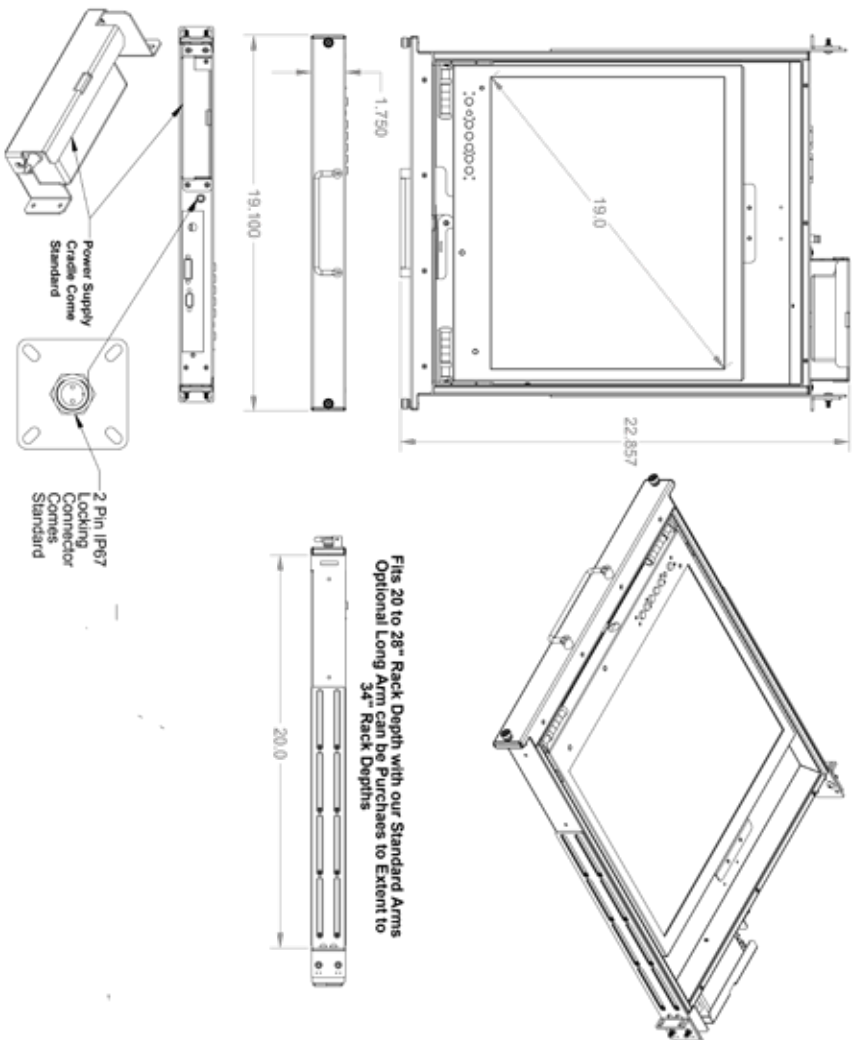
Humidity: MIL-STD-810F/G, Method 507.4; 48 hour, 95% RH 40-65

Altitude: MIL-STD-810F/G, Method 500.4; 12,500ft operation with 40,000ft transport

Vibration: MIL-STD-810F/G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hz, 60min/axi

Shock: MIL-STD-810F/G, Method 516.6, Procedures I/V; 20g, 11msec functional shock; 40g 11msec crash hazard shock

Other: MIL-STD-461F/G CE102 & RE102;



Detailed mechanical drawings and 3D Solid Models are available upon request. Contact your sales representative for details.



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