

MD430Mx

Military Direct Panel Mount

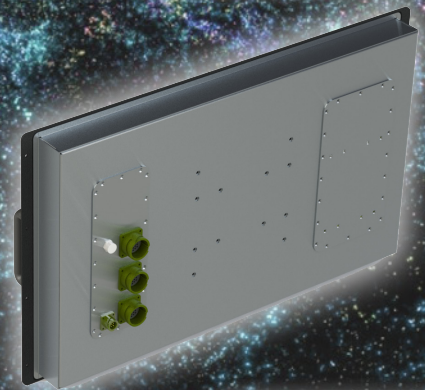
MD430M1 Shown



IP65 Front



IP53 Back



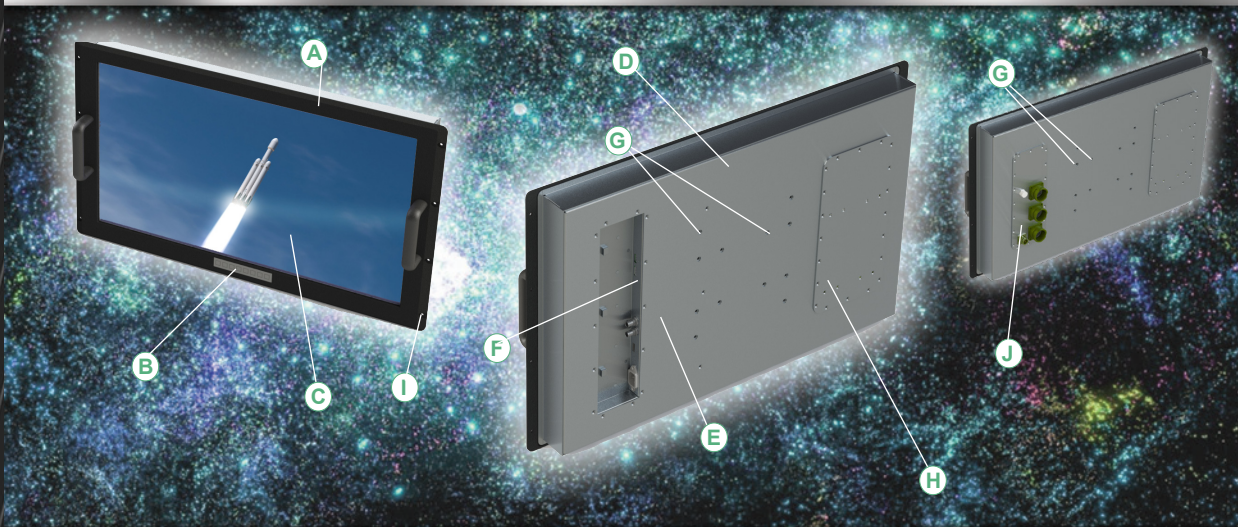
IP65 Back

MDxx

Military Panel Mount

Our Military Monitor MDxx Series was designed from the ground up to meet the rugged environmental requirements. It can be built with an IP65 Front Face with IP53 Back for general rugged used or full IP65 for sealed applications. It comes standard with an Optically Bonded ITO Lens. It has optional High Bright Backlit LCD Monitor, With Optional Heated Lens, and NVIS Backlight system. It was design to meet many MIL Spec standards off the shelf but if you have a specific standard you need met, We can customize it to any level. It is Built from 5052H32 and 6061T6 Aluminum that is Laser Cut and Milled to a precise standard. The internal Components are Conformally Coated and each connection is protected with dielectric grease to prevent corrosion. Internal Cabling is Low Smoke Zero Halogen Teflon Cabling. Its Specifically Design for Panel Mount Applications with only a 3/8" Rise off its mounting surface. Exacting Precision has gone into every design feature of this unit to make it one of the best monitors in the industry, and worthy of becoming a true Military Monitor (MDseries).

MMxx Military Panel Mount



FEATURES

- A** Welded & Milled Aluminum Housing
- B** Water Tight OSD Menu Membrane Switches
- C** ITO Optically Bonded Front Lens
*Optional Lens Enhancements Available
- D** Passive Air Cooled
**IP67 Optional Sealed Back Available
- E** Conformally Coated Electronics
* Multiple Coating Options to Choose From
- F** Multiple Controller Cards to Choose From Giving Flexibility to your I/O Needs.
- G** VESA Hole Positions
- H** Power Supply Plate:
*Field Serviceable Power Supply
- I** Panel Mount Hole Pattern:
*Can Be Customized to your allocation,
- J** IP67 Mil Spec I/O Plate:
*Customizable Inputs

WHY CHOOSE

- Rugged All Aluminum Construction
- High Bright Daylight Viewable option
- Optical Bonded Cover Glass
- IP67 Design Options
- Flex Mount Design Technology

OPTIONS

- Multiple Lens Enhancement available
Including: ITO Mesh Lens, Heated Glass, NVIS Backlight
- Optional Flex Mount Kits Available
- Choice of conformal Coating Techniques

Video Inputs Available*

- | | | |
|--------|-------------|----------------|
| • VGA | • YPbPr | • 3G-SDI |
| • DVI | • Composite | • Display Port |
| • HDMI | • S-Video | |

*Not all ports are available on all AD cards.
Check I/O for each Video Controller Offered

LCD MODULES

430M1 UHD 3840x2160 (Max Res)

- 43" LED Backlit LCD
- ITO EMI Lens Enhancement
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 4000:1
- Brightness: 500 NITS
- Response Time: 8ms
- Surface Finish: AR Coated 3mm Optically Bonded Lens
- Color: 8 bit
- Color Gamut: 72% NTSC

430M2 UHD 3840x2160 (Max Res)

- 43" LED Backlit LCD
- ITO EMI Lens Enhancement
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 4000:1
- Brightness: 1000 NITS High Bright
- Response Time: 8ms
- Surface Finish: AR Coated 3mm Optically Bonded Lens
- Color: 8 bit
- Color Gamut: 72% NTSC

430M3 UHD3840x2160 (Max Res)

- 43" LED Backlit LCD
- ITO EMI Lens Enhancement
- Dual Backlight NVIS and Daylight
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 4000:1
- Daylight Brightness: 400 NITS
- NVIS B Mode
- Response Time: 8ms
- Surface Finish: AR Coated 3mm Optically Bonded Lens
- Color: 10 bit
- Color Gamut: 110% NTSC

*Additional LCD Sizes and Options Available

VIDEO CONTROLLERS

• V38x High End 4K Controller (Production)

Max Resolution: 4096 x 2160
Input Options Available: HDMI 2.0, HDMI1.4 x3, Display Port 1.2 x1. Integrated RS-232, OSD, For command and Control, and Remote.

• Integrated Multi View (PIP, PBP, Quad View).

• V36x Mid Grade 4K Controller (New)

Max Resolution: 4096x2160 60Hz
Input Options Available: HDMI 2.0, Display Port 1.2, RS-232 for Command and Control. Remote



SERIES: MD DISPLAY: XX Custom PN: XXXXX Revision: XX

430M1, 430M2, 430M3,

SPECIFICATIONS

- Dimensions: TBD
- Weight: TBD
- Power Consumption: TBD
- Shipping Weight: TBD
- Shipping Dimensions: TBD

Values are approximate and vary based on configuration

► Custom Options Available On All DIT Models

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