

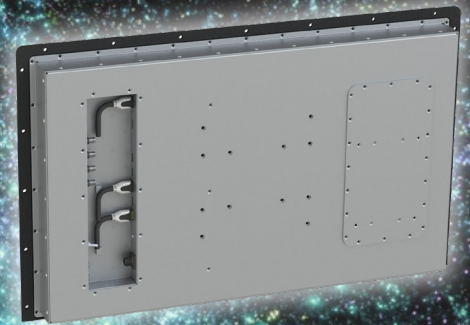
MD320Mx

Military Panel Mount

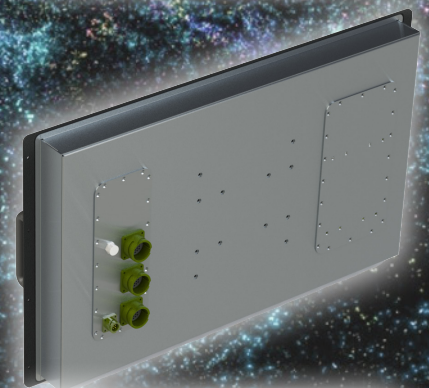
MD320M1 Shown



IP67 Front



Rugged Commercial Connectors Shown



Mil Spec Connector Option 1 Shown

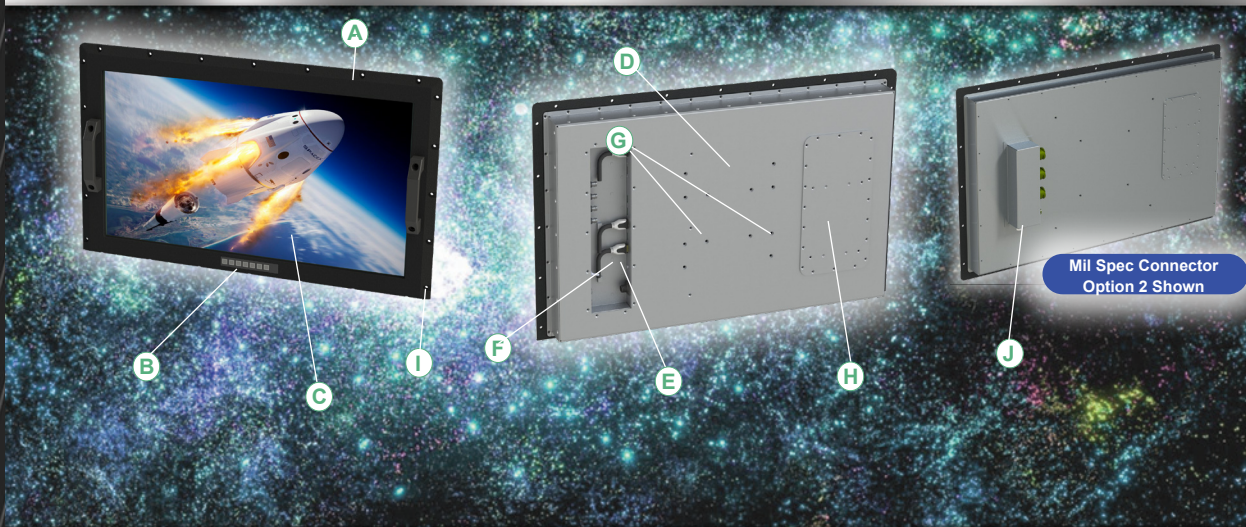
MD320Mx

Military Panel Mount

Our Military Monitor MD32Mx Series was designed from the ground up to meet the rugged environmental requirements. It can be built with an IP67 Front Face with IP53 Back for general rugged use or full IP67 with Mil Spec Circular Connectors for sealed applications. It comes standard with an EMI ITO Lens. It has optional Optical Bonding and also High Bright Backlit LCD Monitor, With Optional Heated Lens, and NVIS Backlight system. It was Design To Meet (DTM) 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 Can be Conformally Coated for an extra level of protection. Internal Cabling is Low Smoke Zero Halogen Teflon Cabling. Its Specifically Design for Panel Mount Applications with Milled Aluminum front face that rises only a 1/2" off its mounting surface. Exact-ing 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).

MM320M1

Military Panel Mount



FEATURES

- A** Welded & Milled Aluminum Housing
- B** Water Tight OSD Menu Membrane Switches
- C** ITO Front Lens
*Optional Lens Enhancements Available
- D** Passive Cooled
**IP67 Optional Sealed Back Available
- E** Optional 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 for Expansion Modules
- H** Power Supply Plate:
*Field Serviceable Power Supply
- I** Panel Mount Hole Pattern:
*Can Be Customized to your application,
- J** IP67 Mil Spec I/O Plate:
*Customizable Inputs

Mil Spec Connector
Option 2 Shown

Standard Equipment

- Rugged All Aluminum Construction
- Includes Rear VESA Pattern for add-on equipment such as Fiber Channel
- EMI ITO Cover Glass
- IP67 Front Face Design
- 6061 T6 Milled Aluminum Front Face

OPTIONS

- Multiple Lens Enhancement available
Including: Heated Glass, NVIS Backlight
- High Bright Daylight Viewable option
- Optional conformal Coating
- Optional Optical Bonding for Grade A Shock

Video Inputs Available*

- | | | |
|--------|-------------|----------------|
| • VGA | • YPbPr | • 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

320M1 UHD 3840x2160 (Max Res)

- 32" LED Backlit LCD
- ITO EMI Lens Enhancement
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 3000:1
- Brightness: 400 NITS
- Response Time: 15/5ms
- Surface Finish: AR/AG Coated Laminated Front Lens
- Color: 1.08B, 10 Bit
- Color Gamut: 97% NTSC

320M2 UHD 3840x2160 (Max Res)

- 32" LED Backlit LCD
- ITO EMI Lens Enhancement
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 3000:1
- Brightness: 1000 NITS High Bright
- Response Time: 15/5ms
- Surface Finish: AR/AG Coated Laminated 4mm Optical-ly Bonded Lens
- Color: 1.08B, 10 Bit
- Color Gamut: 97% NTSC

*Additional LCD Sizes and Options Available

VIDEO CONTROLLERS

- **V38x High End 4K Controller (Production)**
Max Resolution: 4096 x 2160 60Hz
Input Options Available: HDMI 2.0 x1, HDMI1.4 x3, Display Port 1.2. RS-232, OSD, For comand and Control, and IR Remote. Integrated Multi View (PIP, PBP, Quad View).
• Optional 3G or 6G SDI Interface can be Integrated
- **V36x Mid Grade 4K Controller (New)**
Max Resolution: 4096x2160 60Hz
Input Options Available: HDMI 2.0 x2, Display Port 1.2 x1, RS-232 and OSD for Comand and Control. IR Remote



SERIES: MD
DISPLAY: XX . XXXXX . XX
320M1,
320M2,

► Custom Options Available On All DIT Models

SPECIFICATIONS

- Dimensions: 20.28" x 32.48" x 2.9"
- Weight: ~85 Lbs
- Power Consumption: ~130 Watts
- Shipping Weight: TBD
- Sipping Dimensions: TBD

Values are approximate and vary based on configuration



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



MIL SPECIFICATIONS

Panel Can be DTM (DESIGNED TO MEET) the following Mil Standards. Full Mil Spec must requirements must be disclosed during the quoting process to pick the correct components and Enhancement Process to meet your require MIL Spec Requirments.

Available Mil Standard BTM Options

Operational Temperature Range: MIL-STD-810F/G, -10C to +50C (*Method and Procedures TBD)

Storage Temperature: MIL-STD-810F/G, -30C to +60C (*Method and Procedures TBD)

Humidity: MIL-STD-810F/G, (*Method and Procedures TBD)

Altitude: MIL-STD-810F/G, (*Method and Procedures TBD)

Vibration: MIL-STD-810F/G, -167, or -516.2 (*Method and Procedures TBD)

Shock: MIL-STD-810F/G, -901E Grade B, or -901E Grade A (*Method and Procedures TBD)

EMI: MIL-STD-461F/G CE102, RE101, RE102, CS101, CS114, CS116, RS101, and/or RS103

*MIL-STD, Methods, and Procedures are based on your required needs, contact one of our knowledgeable Sales Engineers to help Spec in a unit to meet your required needs.

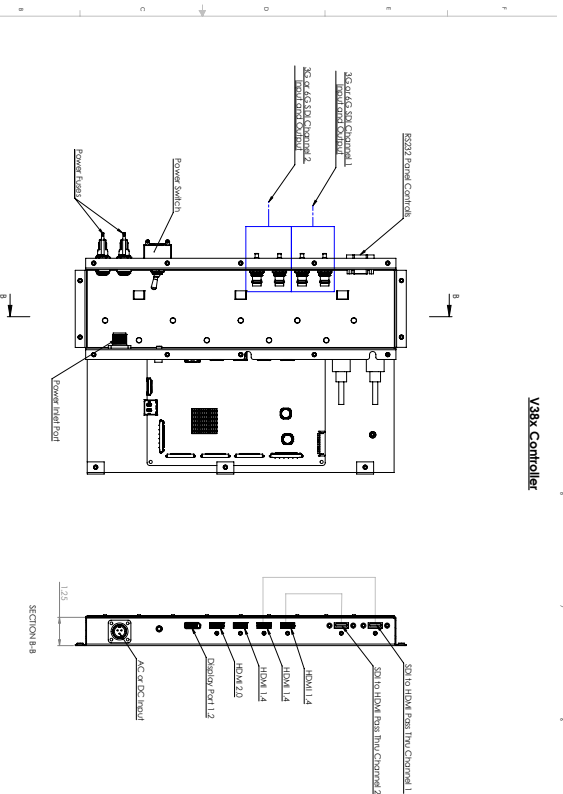
TERMS & CONDITIONS

* 2s2 / DITHD only Guarentees our Units Will pass Mil-Spec Testing when Mil-Spec Testing is purchased through 2s2 / DITHD and it partner- ing 3rd party independent Labs.



PROPRIETARY & CONFIDENTIAL		VDC0008	
			
1357 ROCKY POINT DR. CHICAGO, IL 60646 TEL: 312.438.8222 788.444.0228 FAX WWW.ZS2.COM			
SLOT	PART NO.	REV	
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SCALE 1:5	SHEET 7 OF 8		

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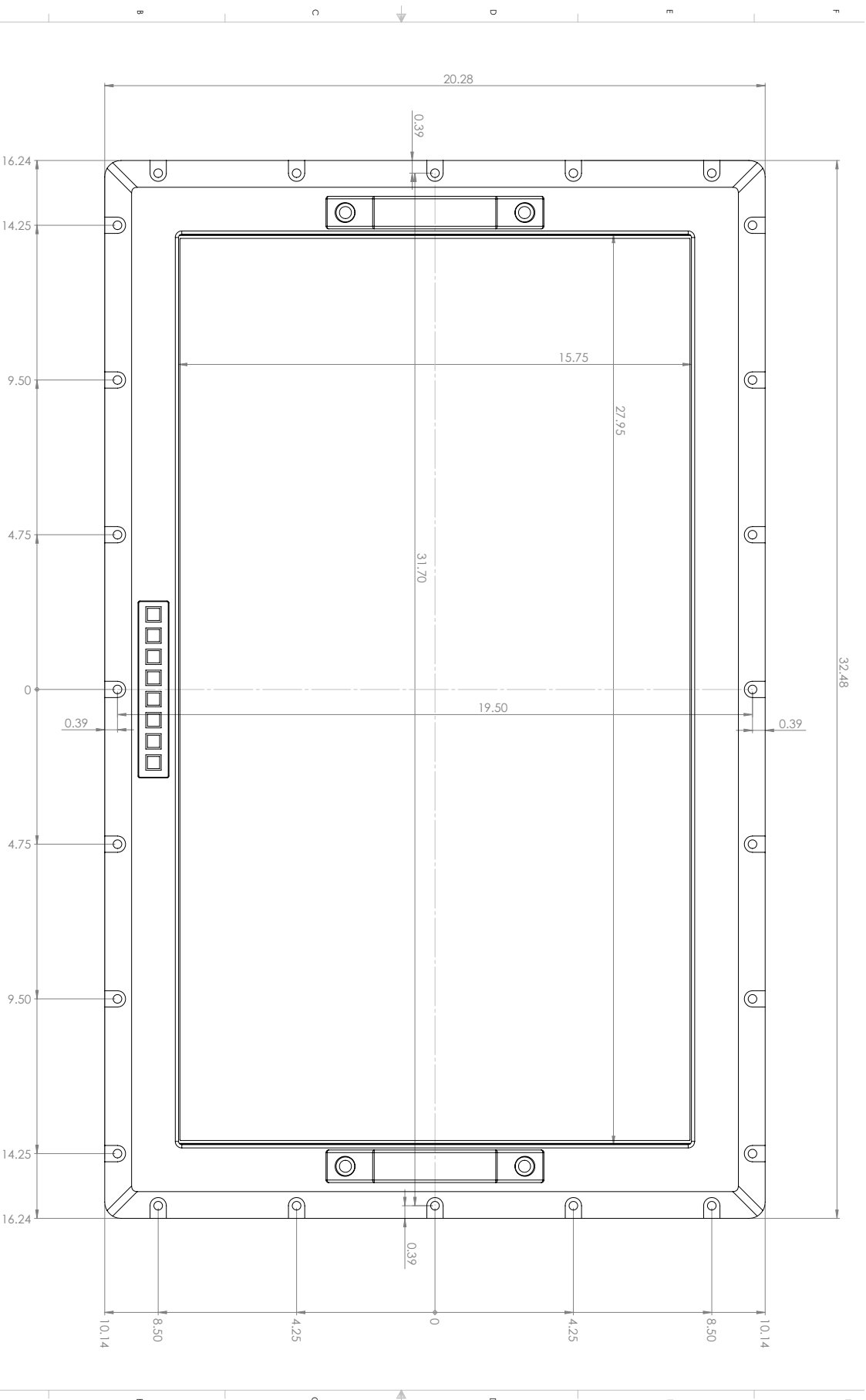




Mechanical drawings and 3D Solid Models are available upon request. Contact your sales representative for details.



Mechanical Drawings



PROPRIETARY & CONFIDENTIAL

VDC00008



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OCEANSIDE, CA 92056
760-599-9225 PHONE
760-454-0328 FAX
WWW.2S2.COM

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PART 1.5

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