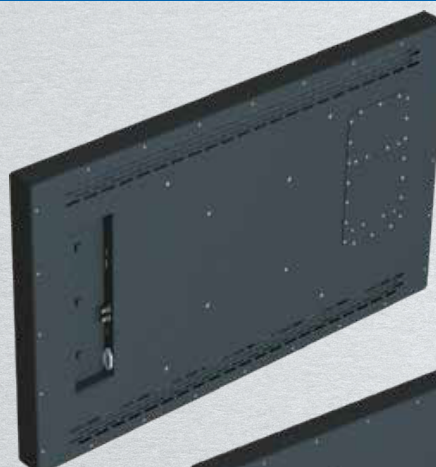


# RMD-32-W

32" Rugged Military Wall Mount Display



Our Vision is Your Vision



## Description

Our RMD-32-W 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 for sealed applications. It comes standard with an Optically Bonded Lens. It has optional High Bright Backlit LCD Monitor, ITO, With Optional Heated Lens, and NVIS Backlight system. It was designed 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 Flex Mount system includes VESA, Panel Mount and Flush Mounting options.

## Key Features

- 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, PCAP Touch
- Optional Flex Mount Kits Available
- Choice of conformal Coating Techniques

## Video Inputs Available\*

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

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

## Specifications

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

Values are approximate and vary based on configuration

## Video Controllers

### V38x High End 4K Controller

- Max Resolution: 4096 x 2160 60Hz
- Input Options Available: HDMI 2.0, HDMI1.4, Display Port 1.2. For command and Control Sealed OSD on Front, RS-232, and IR Remote. Integrated Multi View (PIP, PBP, Quad View).

### V36x Mid Grade 4K Controller

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



## LCD Options

### OPTION-1

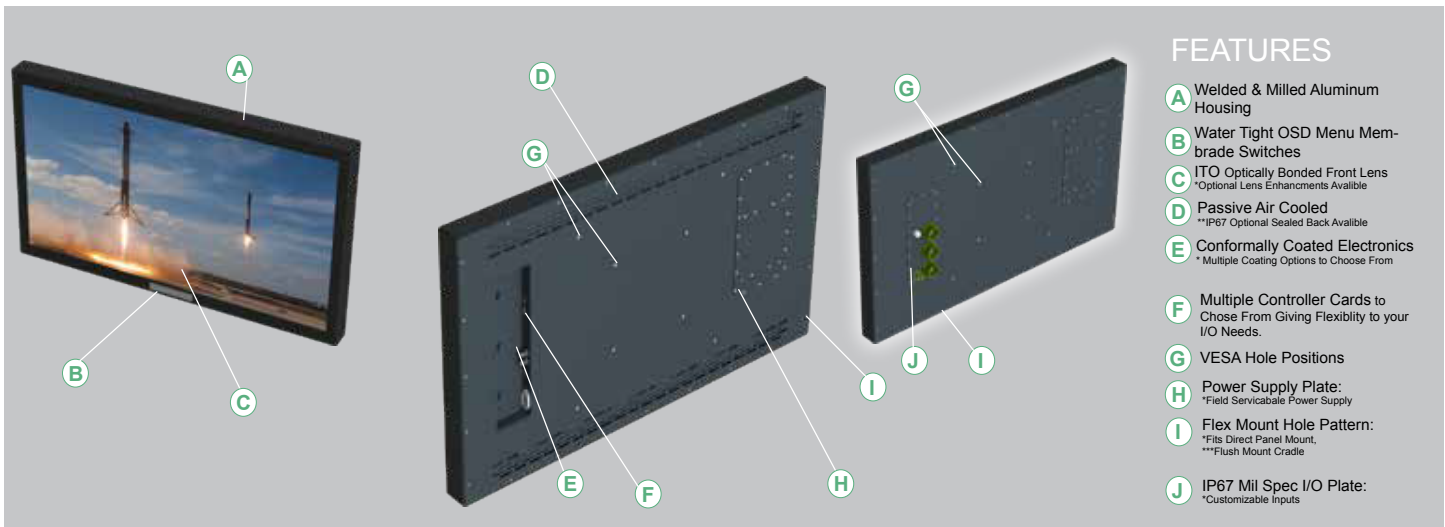
- 3840 x 2160 (Max Res)
- 32" LED Backlit LCD
- ITO EMI Lens Enhancement
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 3000:1
- Brightness: 400 NITS
- Response Time: 15ms
- Surface Finish: AR Coated 3mm Optically Bonded Lens
- Color: 10 Bit
- Color Gamut: 95% NTSC

### OPTION-2

- 3840 x 2160 (Max Res)
- 32" LED Backlit LCD
- ITO EMI Lens Enhancement
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 3000:1
- Brightness: 1000 NITS
- Response Time: 15ms
- Surface Finish: AR Coated 3mm Optically Bonded Lens
- Color: 10 Bit
- Color Gamut: 95% NTSC

### OPTION-3

- 3840 x 2160 (Max Res)
- 32" LED Backlit LCD
- ITO EMI Lens Enhancement
- Dual Backlight NVIS and Daylight
- Viewing Angles: 89L/89R/89U/89D
- Contrast Ratio: 3000:1
- Brightness: 400 NITS
- NVIS: B Mode
- Response Time: 15ms
- Surface Finish: AR Coated 3mm Optically Bonded Lens
- Color: 10 Bit
- Color Gamut: 110% NTSC



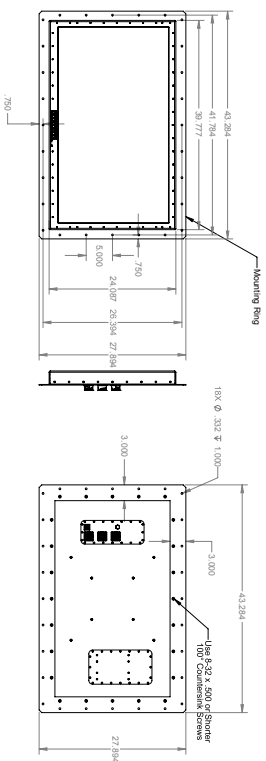
## FEATURES

- A** Welded & Milled Aluminum Housing
- B** Water Tight OSD Menu Membrane Switches
- C** ITO Optically Bonded Front Lens
- D** Passive Air Cooled
- E** Conformally Coated Electronics
- F** Multiple Controller Cards to Choose From Giving Flexibility to your I/O Needs.
- G** VESA Hole Positions
- H** Power Supply Plate:
- I** Flex Mount Hole Pattern:
- J** IP67 Mil Spec I/O Plate:

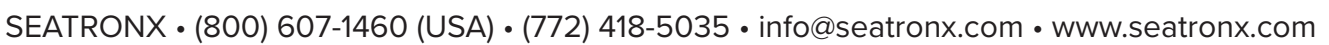
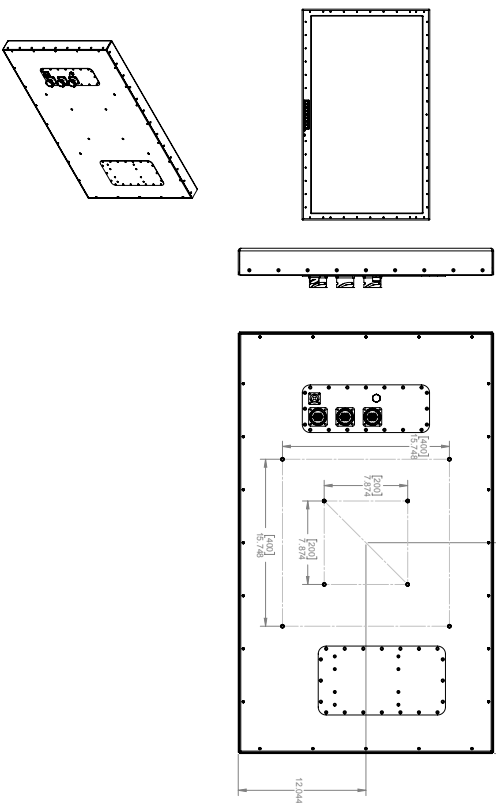


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### Option 2: External Ring Mounting Option



Option 4: VESA 200x200mm or 400x400mm Mount Hole Pattern



## MIL SPECIFICATIONS

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

## TERMS & CONDITIONS

Seatronx only Guarantees our Units Will pass Mil-Spec Testing when Mil-Spec Testing is purchased through Seatronx and its partnering 3rd party independent Labs.

### AVAILABLE MIL STANDARD DESIGN TO MEET 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 to Spec in a unit to meet your required needs.

