



THE WORLD'S MOST CONFIGURABLE MONITORS

2023 MMR CATALOG

Mobile. Monitor. Rugged.



MMR-U238x3

**Take Your Monitor
Anywhere!**

Featured in



MMR-P121W



Our Building Blocks



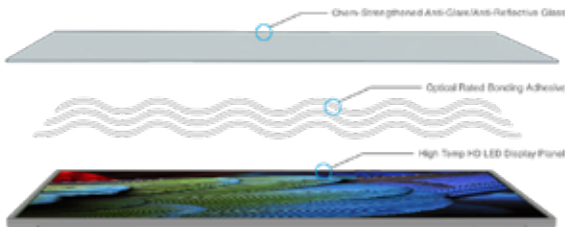
LCD OPTIONS

We have LCD displays ranging in all sizes from compact 10.1" displays, to premium, 23.8" 4K displays, and everything in between. When part numbering, a 17.3" wide LCD display would be represented as '173W'. A 23.8" 4K LCD display would be represented as 238U. For a full list of our available displays, please see our [LCD Matrix Guide](#). Please note that we specialize in customizing display solutions, so do not hesitate to inquire about screen options or sizes which are not currently listed in our guide.



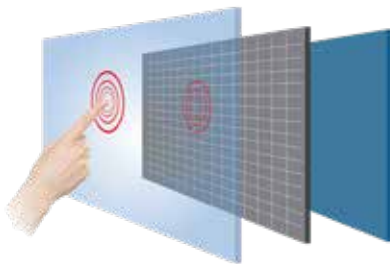
AD Controller

We offer a variety of Analog-Digital Controller Boards. The board you choose will depend on the specific features and inputs you require for your application. Each board features particular input options, varying from HDMI to S-Video to 6G-SDI. Boards vary in price, with some providing simple display features, while others offer sophisticated broadcasting tools, like Wave Form Monitor and Vector Scope. For a detailed look at our AD Controller Board offerings, please see our [AD Controller Card Matrix](#).



Optical Bonding

Optical Bonding refers to the material bonded between the panel and the outer protective glass. Optically bonding a display enhances its readability in difficult viewing environments. When a normal display is used in these difficult settings, some factors affect its readability. The most common factor is "fog", or condensation, which forms on the inner surface of display's vandal shield. Another common factor is the reflection of sunlight, which causes a mirror-image on the display. Both phenomena can be solved by optically bonding your display.



PCAP Touch

PCAP (Projected Capacitive) Touch Screens work through the use of a conductive grid that recognizes changes in its electromagnetic field via the touch of your finger. PCAP is regarded as the superior touch screen technology. Unlike Infrared technologies, which have a very limited array, PCAP technology is significantly more accurate, and is the preferred technology for smart phones and tablets. Virtually every monitor we offer at DITHD can be upgraded to PCAP touch.



High Brightness

Screen Brightness is an important consideration for particular environments, such as an outdoor display solution. Standard panels are designed for indoor-viewing, and are thus designed to operate effectively at a much lower brightness of about 250 to 400 NITS. (NITS are a measurement of luminance, or the intensity of visible light.) However, when a standard-brightness monitor is viewed outdoors, or in other bright environments, the visibility drops drastically. This is due to the lower brightness of the display being unable to compete with brighter light sources. The solution is a simple upgrade to a high bright version of most of our existing panel sizes, which often increase panel brightness to over 1000 NITS.



Take Your Monitor Anywhere.

Rugged, Battery-Capable Monitor Solutions for Any Environment!

The MMR-Quantum is our entry-level class in the MMR series by DITHD. But do not be fooled. The MMR-Q boasts a Professional-Grade, All-Aluminum Construction, with High Definition displays, High Brightness for outdoor viewing, exceptional contrast ratio and viewing angle, as well as our state-of-the-art optical bonding option. Take your digital viewing experience to the next level with DITHD's MMR-Quantum.



MMR-Quantum

Entry-Level Rugged Mobile Monitor



Rugged Carrying Handle



Storm Case (Included)



Kickstand (Included)



Optional Battery Cradle With IDX V-Mount
Anton Bauer Gold Mount

Features:

- Entry-Level MMR Option
- V33x Quantum Controller Card
- Screen Sizes: 10.1W, 12.1W, 15.6W, 17.3W, 21.5W
- All-Aluminium Construction
- Splash/Dust Proof Port Covers
- Rugged Carrying Handle
- Customizable, Modular Design
- Built-In Speakers (On Models 15.6W & Larger)
- Built-in Kickstand
- Optional Battery Cradle
- Optional HighBright
- Optional PCAP Touch
- Optional Optical Bonding



Capture Limits.

**Rugged, Professional-Grade Monitor Solutions
with Waveform and Vectorscope!**

The MMR-Dionysus is our top-of-the-line class in the MMR Series. The Dionysus Controller Card allows the MMR-D to output Vector Scope, Wave Form, and Histogram for Professional Color and Light Correction. The MMR Dionysus boasts a Professional-Grade, All-Aluminum Construction, with High Definition displays, High Brightness for outdoor viewing, exceptional contrast ratio and viewing angle, as well as our state-of-the-art optical bonding option.

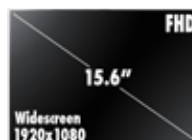


MMR-Dionysus

Professional-Grade Rugged Mobile Monitor

Features:

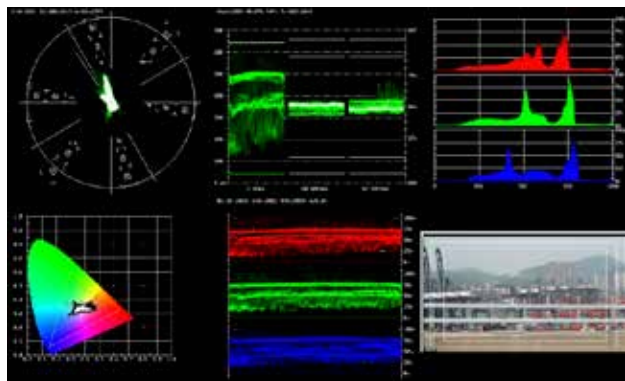
- Top-Of-The-Line MMR Option
- V44x Dionysus Controller Card
- 3G SDI
- Vectorscope, Waveform, and Histogram Ready
- Wireless Transmit/Receive
- Broadcast-Quality LCDs
- Screen Sizes: 101W, 156W, 121W, 173W, 215W
- 1/4" Headphone Jack
- All-Aluminium Construction
- Splash/Dust Proof Port Covers
- Rugged Carrying Handle
- Customizable, Modular Design
- Built-In Speakers (On Models 156W & Larger)
- Built-In Kickstand



Professional Scopes

Perfect Signal with Waveform, Vectorscope, and Histogram!

Never muddle a shot again! The MMR-D's professional Vectorscope will guide your color correction, while its Waveform technology perfects lumination. The scopes can be viewed either in Fullscreen Mode, or as an Overlay superimposed onto the screen. Know if you are crushing the blacks in that night shot, or clipping the whites in those clouds with DITHD's Professional Scopes, available on our high-end MMR's.



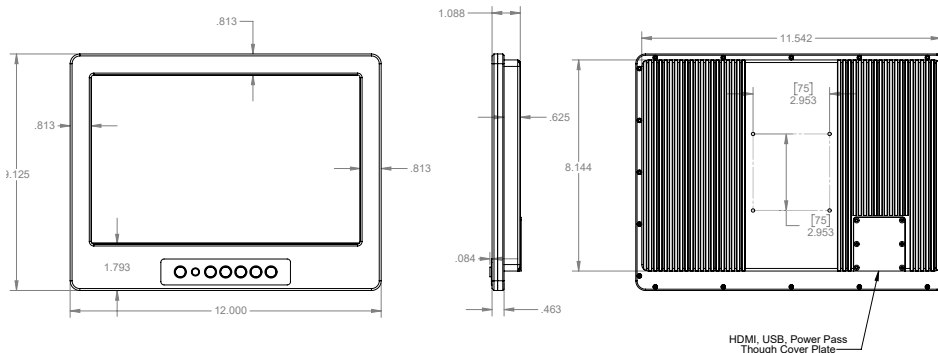
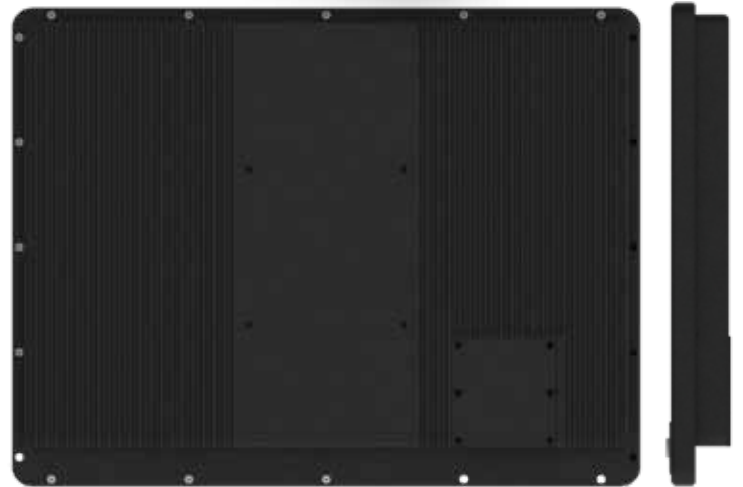
Full-Immersion.

High Bright Mobile Monitors with Full-Submersibility to 5 Feet!

The Poseidon portable display solution adds a new dimension to the ever-expanding MMR line. The Poseidon is professionally sealed and rated IP68, rendering it submersible to a depth of 5 feet. Power and connective cables run through an umbilical line, making it great for short-term, shallow depth submersion and high-splash environments. The MMR-Poseidon has been, and continues to be employed in a variety of high-profile settings and environments, including the recently-released film *The Meg*, starring Jason Statham.



- **Elite, Water-Proof Monitor Solution**
- **V257x Poseidon Controller Card**
- **Screen Sizes: 121HB, 173HB**
- **Milled-Aluminium Construction**
- **Sealed, Splash and Dust Chassis**
- **Customizable, Modular Design**
- **Comes standard with High Bright Panels**
- **Optional Battery Cradle**
- **Optional PCAP Touch**
- **Optional Optical Bonding**



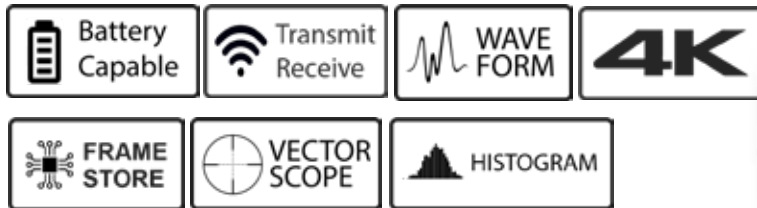
MMR-UK

Underwater Kinetics Case w/ Single or Multi-Head Monitor Configurations.



Features:

- Splash-Proof Underwater Kinetics Case
- Single Monitor Compatible With Any Controller Card
- Single Monitor Screen Sizes: 156W, 173W, 215W
- DITHD's Most Customizable Product Line
- Rugged Carrying Handle
- Optional Battery Cradle
- Optional HighBright
- Optional PCAP Touch
- Optional Optical Bonding



HYDRA Features:

- MMR-UK HYDRA Available in Double or Triple Screen Configurations
- Multi-Monitor Compatible With Any HYDRA Series DITHD Controller Card
- Triple Monitor Screen Sizes: 173W, 215W
- Available 4K Panels

(Example Configurations)





Ready For Extreme Conditions.

Extra Rugged, All-In-One Splash-Proof Monitor Solutions for Harsh Environments.

The MMR-UKxx represents an lcd display, housed in our UnderWater Kinetics case, and ready for a very wide range of customizations. These options range from phones, to antennas, to computer systems, and anything else you desire to be integrated into this splash-proof case. The UK series is available in several different case and monitor sizes, and features single or triple screen configurations. Whatever the component, it can be integrated into our resilient MMR-UK!

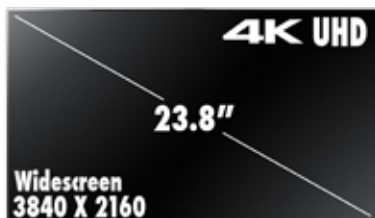


MMR-Ultra

Professional-Grade, 4K Multi-Display Mobile Monitor

Features:

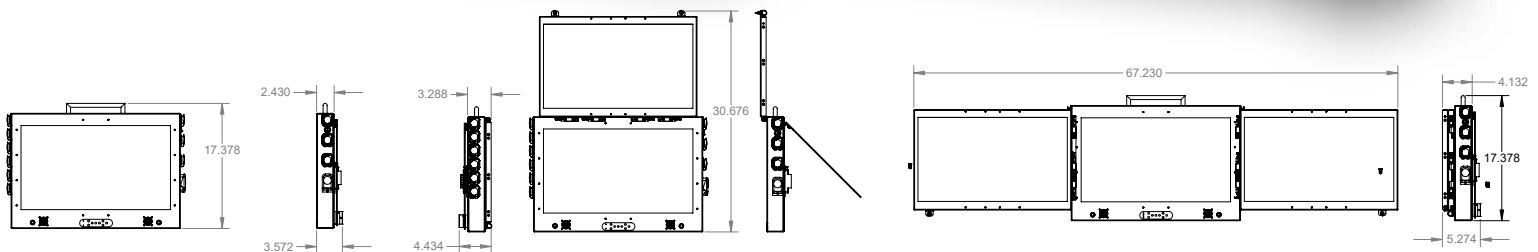
- Top-Of-The-Line MMR Option
- Available in 1, 2, or 3 Screen Configurations
- V40x Controller, PIP, PBP, Quadview
- 12G SDI
- 4K, Broadcast-Quality LCDs
- Screen Sizes: 173U, 238U
- 1/4" Headphone Jack
- All-Aluminium Construction
- Splash/Dust Proof Port Covers
- Rugged Carrying Handle
- Customizable, Modular Design
- Built-In Speakers (On Models 156W & Larger)
- Built-In Kickstand



The Next Generation.

Rugged, Portable, and Now With
Up to Three 4K Panels.

Our rugged MMR 4k Panels let you take your desktop anywhere. With single, dual, and triple monitor configurations, the MMR-U (Ultra Series) sets the new standard in rugged portable displays. It features native 4k panels that can be high-brighted to over 1000 NITS, with optical bonding, and configurable with P-CAP Touchscreens. Whether you're shooting your next feature film in Alaska, collecting drone footage in the Amazon Jungle, or mapping the Gobi Desert, be sure to experience it in true 4K.





**Check Out Our
Other DITHD
Products!**



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