

# WMS2

## 2.6mm Pixel Pitch Wall Mount Panel

**Ideal for integration projects of all types, the WMS2 is ADJ's highest resolution video panel to date. WMS2 boasts a 2.6mm pixel pitch delivering unparalleled vibrance and clarity with a pixel density of 147,456/m<sup>2</sup> and a brightness of 800 NITS. WMS2 is wall mountable, or temporary hangable, with a front serviceable design in a horizontal or vertical configuration.\***

Discover the cutting-edge ADJ WMS2 LED Video Panel – a pinnacle in high-resolution display technology designed for seamless integration into a diverse array of projects. Expanding ADJ's professional LED video panel portfolio, the WMS2 stands out as the company's highest resolution offering to date. Perfectly suited for integration applications, including shop window displays, museums, boardrooms, digital signage, and entertainment venues, this video panel is a versatile solution for immersive visual experiences. A Novastar A8s-N receiving card is built-in allowing the WMS2 to be displayed horizontally or vertically when wall mounting.

Boasting a pixel pitch of 2.6mm and a pixel density of 147,456/m<sup>2</sup>, the WMS2 guarantees exceptional definition, even at close viewing distances. The RGB SMD1515 color mixing LEDs produce a vibrant spectrum, supported by a brightness of 800 NITS. With a wide viewing angle of 160-degrees (horizontal) by 140-degrees (vertical) and a rapid refresh rate of 3840Hz, this video panel ensures a captivating and smooth visual performance.

Measuring 39.3" x 19.9" (1000mm x 500mm), the WMS2 consists of eight individual modules, each with 96 x 96 pixels, offering flexibility in arrangement. Each panel's overall resolution is 384 x 192 pixels (horizontally) or 192 x 384 (vertically). The panel's frame assembly features a secure locking mechanism, allowing for the seamless joining of adjacent panels. Installation is simplified with mounting points for direct wall installation. The front-serviceable design enables easy module replacement, ensuring uninterrupted operation.

With a slim 1.3" (33mm) thickness and a weight of 21 lbs. (9.5 kgs.), the WMS2 is a lightweight and compact solution. Its versatility extends to wall-mounting, hanging, or stacking, both horizontally or vertically, catering to various installation preferences. Join the LED video panel revolution with ADJ's crystal clear, and incredibly vibrant WMS2.

**SPECIFICATIONS:**

- Pixel Pitch (mm): 2.6mm
- Pixel Density (dot/m2): 147,456
- LED sealing Type: SMD1515 Kinglight Cooper
- Module Size (mm x mm): 250 x 250
- Module Resolution (PX x PX): 96 x 96
- Panel Resolution (PX x PX): 384 x 192 pixels (horizontally) or 192 x 384 (vertically).
- Average Life (Hours): 50000H

**FEATURES:**

- Installation Method: Hang, Stack or Wall Mount
- Maintenance: Front Service
- Configuration\*: Horizontal (wall mount, ground stack or hang); Vertical (wall mount only)

**CONNECTIONS:**

- Data: IP20 Indoor locking 5-pin DMX In/Out
- Power: IP20 Indoor locking power In/Out
- Safety Loop

**OPTICAL RATING:**

- Brightness (cd/m2): 800 NITS
- Horizontal Viewing Angle (Deg): 160°
- Vertical Viewing Angle (Deg): 140°
- Grey Scale (Bit): ≥14, CFD435
- Refresh Rate (Hz): 3840Hz

**POWER SUPPLY:**

- Input Voltage (V): 100-240VAC
- Max Power Dissipation (W/m<sup>2</sup>): 350
- Average Power consumption (W/m<sup>2</sup>): 140

**CONTROL SYSTEMS:**

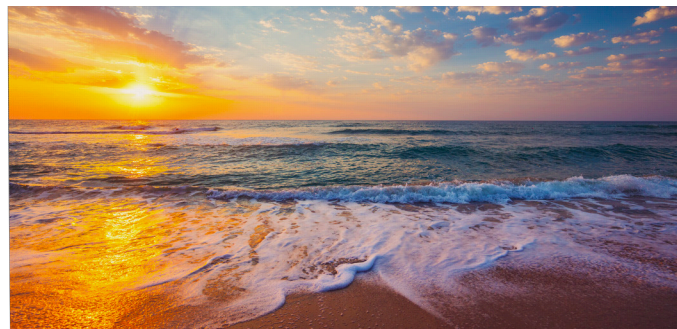
- Receiving Card: Novastar A8s-N

**ENVIRONMENTAL:**

- Working Environment: Indoor
- Waterproof Level: IP20
- Working Temperature (°C): -20 ~ +40, (°F) -4 ~ 104
- Work humidity (RH): 10%~90%
- Storage temperature range: (°C) -40 ~ +80, (°F) -40 ~ 176
- Operation humidity (RH): 10%~90%

**APPROVALS:**

- Certificates: ETL



**HORIZONTAL (WALL MOUNT, GROUND STACK OR HANG); VERTICAL (WALL MOUNT ONLY)**



**FRONT SERVICEABLE**



## WEIGHT / DIMENSIONS:

- Cabinet Size (mm x mm): 39.3" x 19.6" / 1000 x 500mm
- Cabinet Weight: 21 lbs. / 9.5Kg
- Cabinet Thickness (mm): 33mm

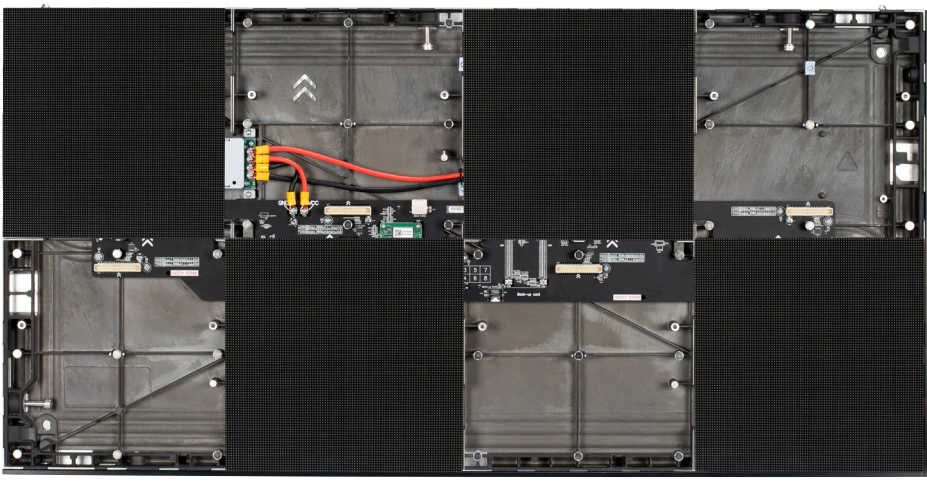
## ACCESSORIES:

- EVSVAC (EVSVAC) - Vacuum Tool to Remove Modules
- WMSHDC (WMS132) - Horizontal Data Cable for WMS Panel Series
- WMSHPC (WMS106) - Horizontal Power Cable for WMS Panel Series
- WMSMAT (WMS080) - WMS2 Magnet Adjustment Tool
- WMSMDC32 (WMS158) - 32-foot, MainData Cable for WMS Panel Series
- WMSMPC16 (WMS145) - 16.4-foot, Main Power Input Cable for WMS Panel Series
- WMSRB1 (WMS015) - Free Hang, 1-Meter Rigging Bar
- WMST2X2 (WMS041) - Frame Trim for 2x2 WMS Video Wall
- WMST3X3 (WMS054) - Frame Trim for 3x3 WMS Video Wall
- WMST4X4 (WMS067) - Frame Trim for 4x4 WMS Video Wall
- WMSVDC (WMS119) - Vertical Data Cable for WMS Panel Series
- WMSVPC (WMS093) - Vertical Power Cable for WMS Panel Series
- WMSWB1 (WMS028) - 1-Meter, Wall Mount Bracket

## WALL MOUNT



## TEMPORARY HANG WITH RIGGING BAR



Specifications subject to change without notice..

Revised January 2024