

WMS1

1.95mm Pixel Pitch Wall Mount Panel

Ideal for integration projects of all types, the WMS1 is ADJ's highest resolution video panel to date. WMS1 boasts a 1.95mm pixel pitch delivering unparalleled vibrance and clarity with a pixel density of 262,144/m² and a brightness of 700 NITS. WMS1 is wall mountable, or temporary hangable, with a front serviceable design in a horizontal or vertical configuration.*

Discover the cutting-edge ADJ WMS1 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 WMS1 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 WMS1 to be displayed horizontally or vertically when wall mounting.

Boasting a super high-res pixel pitch of 1.95mm and a pixel density of 262,144/m², the WMS1 guarantees exceptional definition, even at close viewing distances. The RGB SMD1212 color mixing LEDs produce a vibrant spectrum, supported by a brightness of 700 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 19.6" (1000mm x 500mm), the WMS1 consists of eight individual modules, each with 128 x 128 pixels, offering flexibility in arrangement. Each panel's overall resolution is 512 x 256 pixels (horizontally) or 256 x 512 (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 WMS1 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 WMS1.

SPECIFICATIONS:

- Pixel Pitch (mm): 1.95mm
- Pixel Density (dot/m2): 262,144
- LED sealing Type: SMD1212 Kinglight Cooper
- Module Size (mm x mm): 250 x 250
- Module Resolution (PX x PX): 128 x 128
- Panel Resolution (PX x PX): 512 x 256 pixels (horizontally) or 256 x 512 (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): 700 NITS
- Horizontal Viewing Angle (Deg): 160°
- Vertical Viewing Angle (Deg): 140°
- Grey Scale (Bit): ≥14, DP32655
- Refresh Rate (Hz): 3840Hz

POWER SUPPLY:

- Input Voltage (V): 100-240VAC
- Max Power Dissipation (W/m²): 370
- Average Power consumption (W/m²): 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

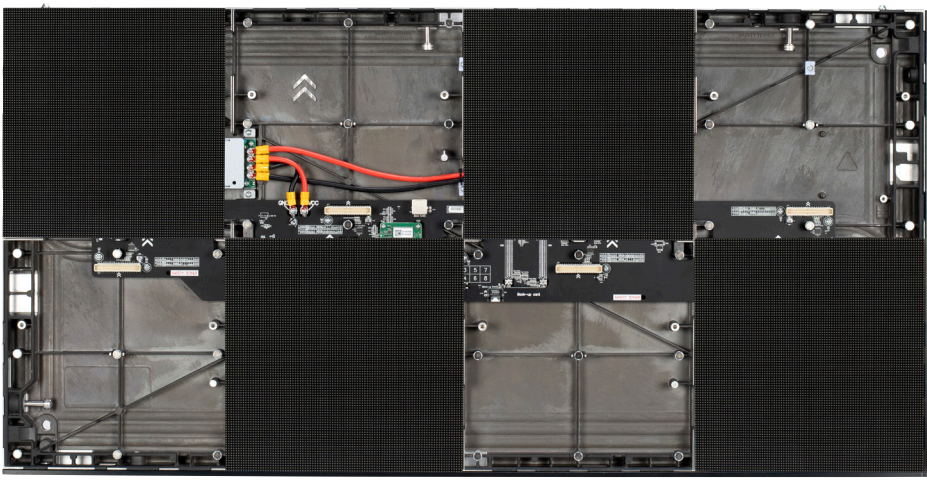
ACCESSORIES:

- EVSVAC (EVSAC) - 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 November 2024