# Specifications

| Model | | MMF-A |
|---|---|---|
| | | 136" 2K |
| **Physical Parameter** | Pixel Pitch | 1.56 mm |
| | Pixel Configuration | 1 red, 1 green, 1 blue |
| | Configuration (L x H, per cabinet) | 1,920 x 1,080 pixels |
| | Diode Type | Flip-chip RGB LED |
| | Dimensions (mm, L x H x D, per cabinet) | 3,008.7 x 1,695.8 x 62.3 mm (63.8mm total depth with Wall mount) |
| | Dimensions (inch, Diagonal x D, per cabinet) | 135.5 x 2.4 inch |
| | No. of Modules (W x H, per cabinet) | 20 x 10 |
| | Weight (per screen) | 130 kg |
| **Optical Parameter** | Brightness (Max) | 500 nit |
| | Contrast Ratio | 10,000 : 1 |
| | HDR Compatibility | HDR10 / HDR10+ support / AI Picture |
| | Viewing Angle - Horizontal | 160° |
| | Viewing Angle - Vertical | 160° |
| | Bit Depth | 16 bit (Internal processing 20bit) |
| | Color Temperature - Default | 6,500K ± 500K |
| | Color Temperature - Adjustable | 2,800K ~ 10,000K |
| **Electrical Parameter** | Video Rate | 50/60 Hz |
| | Input Power Range | 100~240 VAC, 50/60 Hz |
| | Power Consumption - Max | 1,660 (W/Screen) |
| | Power Consumption - Typ | 620 (W/Screen) |
| | Power Consumption - Standby | less than 0.5W |
| | Heat Generation - Max | 5,664 (BTU/Screen) |
| | Heat Generation - Typ | 2,116 (BTU/Screen) |
| | Refresh Rate | 3,840 Hz |
| | Visual Refresh Rate | N/A |
| **Operational Parameter** | Power Redundancy | No |
| | Working Temperature / Humidity | 0°C~+40°C / 10%~80%RH |
| | Storage Temperature / Humidity | -20°C~+45°C / 5%~95%RH |
| | IP Rating | IP40 (Front) / IP20 (Rear) |
| | LED Lifetime | TBU |
| **Connectivity / Sound** | Controller | Built-in |
| | Input (Video) | HDMI 2.0 (4), USB 2.0 (2) |
| | Output | Audio (Stereo mini Jack) / eARC |
| | WiFi / BT | O / O |
| | External Control | RS232C(in), RJ45 |
| | Speaker | 10W 2ch |
| **Certification** | Safety | 62368-1, 60950-1 |
| | EMC | Class A |
| | Eye-protection | TUV Eye Comfort |
| **Service** | Service | Front |
| **Storage** | Storage | 16GB (available 10GB) |
| **Features** | Operating System | Tizen 8.0 |
| | MagicINFO | Yes |
| | VXT | Yes (CM) |
| | Sensor | Temperature, Eco Sensor |
| | Other | AI Picture |
| | Other SW Features | Workspace, Auto Source Switching & Recovery, Dicom Simulation Mode, SmartView+ |
| **Accessories** | Accessories (in-box) | Décor Frame, Frame Kit, Buffer parts (10 Modules, 1 T-Con, 1 SMPS) |
| | Remote Control | IR Remote Cotroller |
| **Package** | Box Dimension (mm, W x H x D) | 1,850 × 2,079 × 815 |
| | Package Weight (per cabinet) | 220 kg |
| **Special Installation** | Curve | N/A |
| | Inclination | N/A |
| | Rotation | N/A |
| | L-Shape | N/A |
| | Other | Side by Side Installation with additional frame kit |

## About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

## LED Signage

For more information about The Wall, visit www.samsung.com/business

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## SAMSUNG

# The Wall M All-in-One

## MMF-A series

## Uncompromised visuals, now more accessible

The Wall is a pioneer, constantly opening new ways for unmatched visual statements. Leveraging Samsung's rich R&D heritage, it offers a true all-in-one solution while maintaining its signature picture quality. True black presentation enhances immersion with greater details, while Samsung's exclusive Quick Build technology streamlines installation process—setting up a giant screen in just a few hours. Additionally, the control box is fully integrated into the display, eliminating the time-consuming configuration between control box and cabinet. Discover The Wall M, now all-in-one, designed to revolutionize the way you do business.

\* Install time estimate based on internal testing.

## Key features

**True Black Presentation**
A pristine black canvas brings a new dimension of immersion, creating flawless black levels with enhanced details.

**HDR Technology**
With HDR10/10+ picture refinement technology, The Wall M All-in-One optimizes the brightness and contrast ratios for enhanced visuals.

**Quick Build**
Samsung's exclusive technology enables a drastically simplified installation taking only a few hours to complete a giant 136-inch screen.

**Built-in Control Box**
The built-in control box eliminates a cumbersome configuration process to get the display up and running faster.

**All-inclusive Components**
From the control box and wall brackets to speakers and deco bezels, every extra peripheral needed to begin operation is included.

**Multi-Screen Connection**
Samsung's The Wall M All-in-One allows users to combine multiple displays side by side for simultaneous use, expanding business possibilities for large meeting spaces.