

New Collection

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SAMSUNG



The Wall – MMF

MMF 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 now offers a more business-focused solution while maintaining its signature picture quality. True black presentation brings a new dimension of immersion with enhanced details while the powerful AI processor instantly analyzes and optimizes every second of content for perfect picture quality. Moreover, when the connected S-Box or input signal is turned off, the display automatically enters standby mode to reduce power consumption to less than 0.5W, enhancing both operational efficiency and sustainability. Introducing The Wall M series—designed to revolutionize the way you do business.

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 series optimizes the brightness and contrast ratios for enhanced visuals.



Linear grayscale

A precise linear grayscale reveals refined intricacies in every scene, delivering realistic textures, depth, and seamless shadow details.



NQM AI processor

The powerful AI processor delivers superior visuals at any size up to 4K* resolution, enhancing contrast and removing noise.

* The upscaling resolution may vary based on the resolution support of the individual screen.



TUV Eye Comfort

The Wall M series is TUV Rheinland Eye Comfort certified, minimizing blue light and flicker to ensure a more comfortable viewing experience.



Stand-by-mode

The Wall M series features an automatic standby mode that reduces power consumption to less than 0.5W.

Specifications

Model		MMF	
		MM012F	MM015F
Physical Parameter	Pixel Pitch	1.25 mm	1.56 mm
	Pixel Configuration	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
	Configuration (L x H, per cabinet)	480 x 270 pixels	384 x 216 pixels
	Diode Type	Flip-chip RGB LED	Flip-chip RGB LED
	Dimensions (mm, L x H x D, per cabinet)	600 x 337.5 x 49.8 mm / 23.6 x 13.3 x 1.9 in.	600 x 337.5 x 49.8 mm / 23.6 x 13.3 x 1.9 in.
	Dimensions (inch, Diagonal x D, per cabinet)	27.1 x 1.9 in.	27.1 x 1.9 in.
	No. of Modules (W x H, per cabinet)	4 x 2	4 x 2
	Weight	5.1 (kg/Cabinet) / 25.2 (kg/m²) 11.2 (lbs./Cabinet)/ 55.5 (lbs./m²)	5.1 (kg/Cabinet) / 25.2 (kg/m²) 11.2 (lbs./Cabinet)/ 55.5 (lbs./m²)
Optical Parameter	Brightness (Max)	600 nit	600 nit
	Contrast Ratio	8,000 : 1	10,000 : 1
	HDR Compatibility	HDR10 / HDR10+ support / AI Picture	HDR10 / HDR10+ support / AI Picture
	Viewing Angle - Horizontal	160°	160°
	Viewing Angle - Vertical	160°	160°
	Bit Depth	16 bit (Internal processing 20bit)	16 bit (Internal processing 20bit)
	Color Temperature - Default	6,500K ± 500K	6,500K ± 500K
	Color Temperature - Adjustable	2,800K ~ 10,000K (using S-Box)	2,800K ~ 10,000K (using S-Box)
Electrical Parameter	Video Rate	50/60 Hz	50/60 Hz
	Input Power Range	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz
	Power Consumption - Max	458.1 (W/m²) / 92.8 (W/Cabinet)	467.2 (W/m²) / 94.6 (W/Cabinet)
	Power Consumption - Typ	204.86 (W/m²) / 41.5 (W/Cabinet)	183 (W/m²) / 37 (W/Cabinet)
	Heat Generation - Max	1,562.12 (BTU/m²) / 316.45 (BTU/Cabinet)	1,593.9 (BTU/m²) / 322.8 (BTU/Cabinet)
	Heat Generation - Typ	698.58 (BTU/m²) / 141.52 (BTU/Cabinet)	626 (BTU/m²) / 127 (BTU/Cabinet)
	Refresh Rate	3,840 Hz	3,840 Hz
	Visual Refresh Rate	N/A	N/A
Operational Parameter	Power Redundancy	No	No
	Working Temperature / Humidity	0°C~+40°C / 10%~80%RH	0°C~+40°C / 10%~80%RH
	Storage Temperature / Humidity	-20°C~+45°C / 5%~95%RH	-20°C~+45°C / 5%~95%RH
	IP Rating	IP40 (Front) / IP20 (Rear)	IP40 (Front) / IP20 (Rear)
	LED Lifetime	100,000 hours (TBU)	100,000 hours
Connectivity	Controller	CS4B	CS4B
	Connectivity	Optical	Optical
Certification	Safety	62368-1, 60950-1	62368-1, 60950-1
	EMC	Class A	Class A
	Eye-protection	TUV Eye Comfort	TUV Eye Comfort
Service	Service	Front	Front
Features	MagicINFO	Yes	Yes
	Sensor	Temperature	Temperature
	Other	-	-
Accessories	Accessories	Décor Frame, Frame Kit	Décor Frame, Frame Kit
	Remote Control	-	-
Package	Box Dimension (mm / in., W x H x D)	686 x 150 x 414 mm / 27 x 5.9 x 16.3 in.	686 x 150 x 414 mm / 27 x 5.9 x 16.3 in.
	Package Weight (per cabinet)	6.9 kg / 15.2 lbs.	6.9 kg / 15.2 lbs.
Special Installation	Curve	Concave 11,500R (0° ~ 3°)	Concave 11,500R (0° ~ 3°)
	Inclination	N/A	N/A
	Rotation	N/A	N/A
	Other	N/A	N/A

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