



Samsung Video Wall Displays

VHR-R, VMB-R, VHB-E, VMB-E, VMB-U series

Always-on, space-saving solution delivering a seamless visual experience

SAMSUNG

An immersive viewing experience for any business

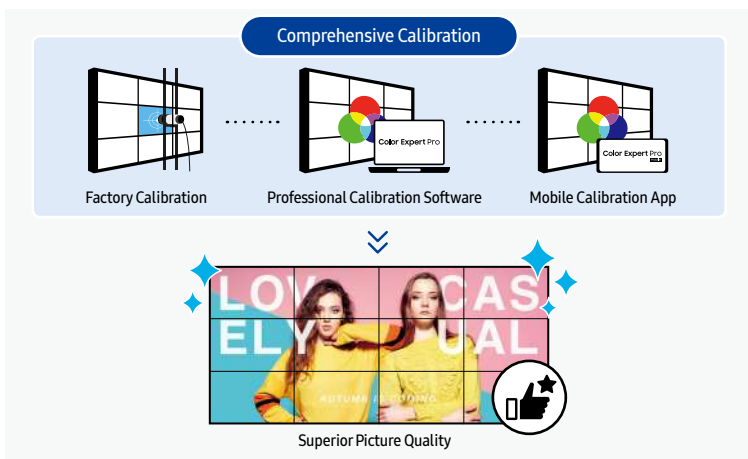
Samsung's VHR-R, VMB-R, VHB-E, VMB-E, VMB-U series video wall displays provide a captivating viewing experience for a wide variety of business settings. The displays' exceptionally slim depth, continuous operation capability and IP5X certification provide endless possibilities for retail stores, office spaces, public spaces and more. Built to operate all day, Samsung's video walls ensure businesses have an effective communication channel, even after traditional business hours. With wide viewing angles and special anti-glare panels Samsung's video wall display demands attention, even with bright ambient light, ensuring every word and image is as legible as it is impressive.

Why use Samsung's video wall displays for your business?



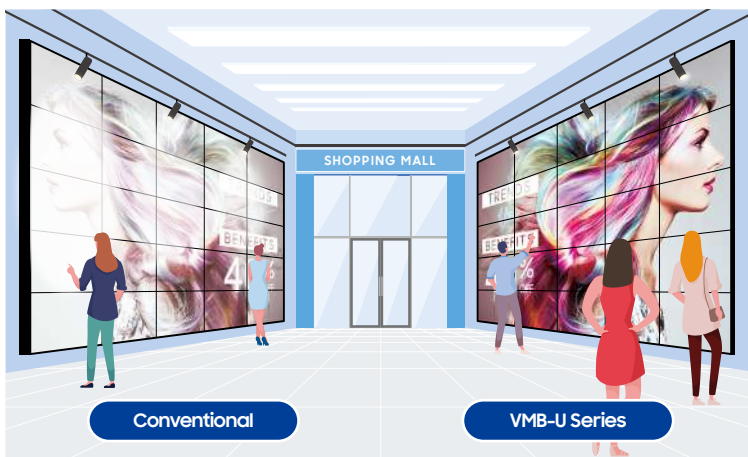
Fit for any environment

The displays' slim depth gives businesses ultimate flexibility in creating a video wall that is perfectly suited to their needs and can be implemented in any location. IP5X certification ensures the display is completely dust resistant and can deliver a dependable viewing experience in a wide range of conditions. It also allows for video wall installation in public spaces without the need for additional dust-resistant molding.



Flawless uniformity

To ensure outstanding picture quality, all Samsung video wall displays are fine-tuned with a strict multi-step calibration process. Users may also adjust detailed settings to suit their individual needs using Samsung's free powerful software, Color Expert Pro. For businesses needing a simpler solution, Color Expert Pro Mobile makes for quick and easy calibration using a mobile device camera.



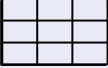





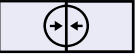


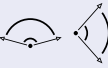


Vivid viewing in any location

Samsung video walls feature wide viewing angles allowing viewers to see vivid content from any position. It eliminates potential distortion, ensuring colors, logos, fonts and messages are aligned with business' brand guidelines. Additionally, special anti-glare panels maintain vibrant and accurate visuals, preventing any disruption from bright lights, sunlight or glare any time of the day or night.

Samsung's lineup of video wall displays

Every business has different needs, which is why Samsung provides a range of video wall options with various levels of brightness, bezel widths and cabinet depths. Every one of our video wall models are guaranteed to deliver the vivid picture quality and reliable performance Samsung is known for. Additionally, all of our displays are easy to install, further reducing complexity for business owners.



	Razor narrow bezel		Extreme narrow bezel		Ultra narrow bezel
 Series	 VHR-R Series	 VMB-R Series	 VHB-E Series	 VMB-E Series	 VMB-U Series
 B-to-B Width	0.88mm	0.88mm	1.74mm	1.74mm	3.5mm
 Brightness	700 nit	500 nit	700 nit	500 nit	500 nit
 Depth	69.9mm	69.9mm	70.4mm	70.4mm	69.9mm (46") / 73.1mm (55")
 Viewing Angle (Vertical / Horizontal)	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
 Calibration	PC & Mobile supported	PC & Mobile supported	PC & Mobile supported	PC & Mobile supported	PC & Mobile supported
 Other Keywords	IP5X ISTA-6A -	IP5X ISTA-6A -	IP5X— ISTA-3A -	IP5X ISTA-3A -	IP5X ISTA-6A Center IR

* B-to-B means "Panel Bezel to Panel Bezel".
 * "Active area to Active area" may vary depending on the model and actual installation environment.

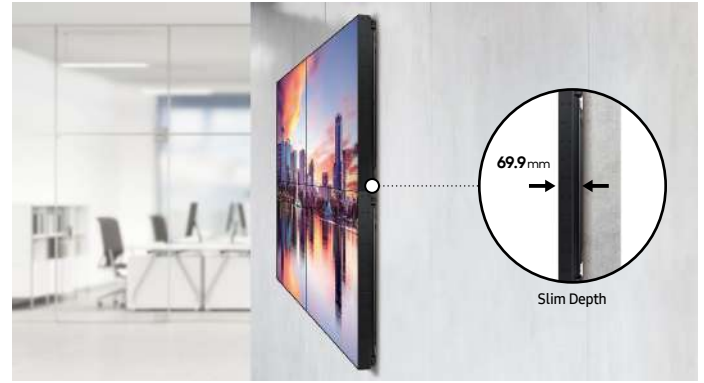
Key features



Captivate audiences through a narrow Bezel

A razor-narrow 0.88mm* bezel-to-bezel design creates an uninterrupted visual experience across multiple screens. Minimizing the visual distraction of the screens themselves, the displays present a single, uniform picture that captures attention and keeps viewers focused on featured messages.

* Bezel width varies by video wall model.



Adaptable slender design

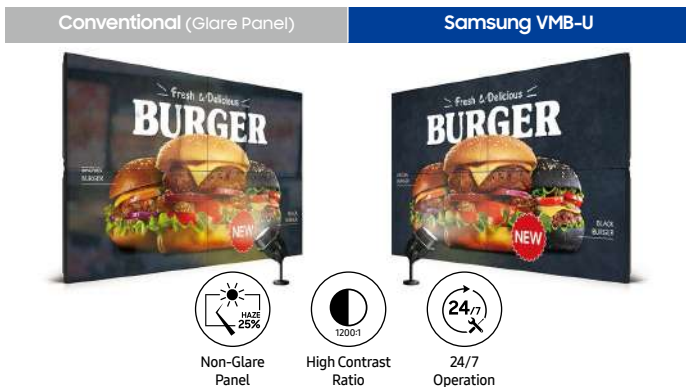
The exceptionally thin 69.9mm* cabinet depth provides businesses with more flexibility to create the exact video wall they need and install it in the most impactful location. The thoughtful design blends in seamlessly and transforms any location with powerful visuals.

* Exact cabinet depth varies by video wall model.



View content from any angle

Wide viewing angles mean content is easily visible even if viewers aren't standing directly in front of the display. Audiences can get clear details and vivid colors regardless of where the screen is located.



Vibrant images in any light

Non-glare panels evenly distribute light across the screen to maintain vibrant and accurate content. Combined with a high contrast ratio and 24/7 operation, visuals are vivid and eye-catching any time of the day or night — regardless of ambient light.



Image enhancement

Samsung's powerful picture enhancement technology ensures all content is vibrant and clear. With Picture Enhancer mode, color saturation and contrast are improved by adjusting the gamma curve. Using Black Equalizer mode, dark images are lightened, making details easier to see.

Business applications



Showroom



Lobby



Auditorium



Meeting room



Control room



Museum



Transportation



Retail

Specifications

Model			VM46B-U	VM55B-U
Display Panel	Diagonal Size	Class	46"	55"
		Measured	45.9"/116.8cm	54.6"/138.7cm
		Resolution	1920x1080(16:9)	1920x1080(16:9)
		Brightness(Typ.)	500nit	500nit
		Orientation	Landscape / Portrait	Landscape / Portrait
		Haze	25%	25%
		Contrast Ratio (Typ.)	1200:1	1200:1
		Type	IPS	IPS
		Active Display Area	1018.08(H) x 572.6(V)	1209.6(H) x 680.4(V)
		Pixel Pitch (mm)	0.53x0.53	0.63x0.63
		Color Gamut	72	72
	Operation Hour	24/7	24/7	
Connectivity / Sound	INPUT	VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		AUDIO	Stereo mini Jack	Stereo mini Jack
		USB	USB 2.0 x 1	USB 2.0 x 1
		Tuner	N/A	N/A
	OUTPUT	VIDEO	DP,DVI, HDMI1/2	DP,DVI, HDMI1/2
		AUDIO	Stereo mini Jack	Stereo mini Jack
		USB	N/A	N/A
		WiFi / BT	N/A	N/A
		EXTERNAL CONTROL	RS232C(in/out), RJ45 in	RS232C(in/out), RJ45 in
	Speaker	N/A	N/A	
Mechanical Spec	Dimension (mm)	Set	1022 x 577 x 69.9	1213.5 x 684.3 x 73.13
		Package	1193 x 719 x 257	1398 x 844 x 257
	Weight (kg)	Set	15.7	19.4
		Package	22.2	27.6
		VESA Mount	600 x 400	600 x 400
	Bezel Width (mm)	2.25mm(U/L), 1.25mm(R/B)	2.25mm(U/L), 1.25mm(R/B)	
Features	Internal Player	Operating System	N/A	N/A
		Processor	N/A	N/A
		Storage (FDM)	N/A	N/A
	Special	H/W	Temperature Sensor Video Wall Daisy Chain(10x10) DP1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support) Clock Battery(168hrs Clock Keeping)	Temperature Sensor Video Wall Daisy Chain(10x10) DP1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support) Clock Battery(168hrs Clock Keeping)
		S/W	Auto Source Switching & Recovery RS232C/RJ45 MDC Button Lock Smart F/W update	Auto Source Switching & Recovery RS232C/RJ45 MDC Button Lock Smart F/W update
Certification	Safety		60950-1	60950-1
	EMC		Class A	Class A
	Environment		N/A	N/A
	IP Rating		IP5x	IP5x
	Security		N/A	N/A
Power	Power Supply		AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz
	Power Consumption	Max[W/h]	160	220
		Typical[W/h]	128	165
		Sleep mode	less than 0.5W	less than 0.5W
Operating Condition	Temperature		0°C~ 40°C	0°C~ 40°C
	Relative Humidity		10~80%	10~80%
Accessories	Included		Quick Setup Guide Warranty Card Power Cord RS232C(IN) Gender (Stereo to DB-9) Remote Controller + Batteries DP cable	Quick Setup Guide Warranty Card Power Cord RS232C(IN) Gender (Stereo to DB-9) Remote Controller + Batteries DP cable
	Optional	Stand	N/A	N/A
		Mount	WMN-46VD	WMN-55VD
		Specialty	N/A	N/A

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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, cameras, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

Smart Signage

For more information about Samsung Smart Signage VHR-R, VMB-R, VHB-E, VMB-E, VMB-U Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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Samsung Electronics Co., Ltd.
416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea

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