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46" VMB-U Ultra Narrow Bezel Video Wall

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Features   Spec   Support   Compare

46" VMB-U Ultra Narrow Bezel Video Wall

LH46VMBUBGBXXY

- Transform any space with high impact visuals
- View content from any angle
- Vibrant images in any light

Choose size

| 46" | 55" |

46" VMB-U Ultra Narrow Bezel Video Wall
46"

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Always-on, space-saving solution with ultra-narrow bezels

Experience an immersive and dependable viewing experience, 24/7 with Samsung's VMB-U series. The display's slim depth and 500 nit brightness helps to ensure visible images and legible messages in a wide range of locations - from shopping malls to lobbies, meeting rooms, control rooms and more.

Impactful Visuals

Ultra-narrow bezels

With an ultra-narrow bezel measuring just 3.5mm, the UNB Video Wall delivers an impactful visual experience. Combined with a slender design and 69.9mm cabinet depth, you can create an immersive, captivating and dependable viewing experience.

View content from a variety of angels

Wide viewing angles

The display's wide viewing angles mean content is visible to viewers, even when not standing directly in front of the display. This helps to deliver clear information to audiences, in a range of layouts and locations.

Vibrant images

Non-glare panels

Non-glare panels are designed to improve visibility by minimising glare - helping to deliver clear messaging. Combined with a high contrast ratio and 24/7 operation, the display's non-glare panels help to provide good visibility in a variety of light conditions.

Image enhancement

Picture enhancer mode

Samsung's powerful picture enhancement technology is designed to deliver vibrant and clear content. Picture Enhancer mode improves colour saturation and contrast by adjusting the gamma curve. Using Black Equaliser mode, dark images are lightened, illuminating details – helping to make information easier to see.

Convenient mobile calibration

Colour Expert Pro Mobile solution

Multi-step factory tuning provides uniform brightness and colour. Users can also fine-tune advanced settings with free powerful Colour Expert Pro software. For quick and simple calibration, Colour Expert Pro Mobile enables white balance adjustments for displays up to 5x5 using a mobile camera.

Mobile is required. Compatible with Samsung Galaxy S8, Samsung Galaxy Note 8, Samsung Galaxy S9 and later models.

Display UHD content

Daisy Chain and Optional Signage Player Box

Samsung video walls provide an impressive 4K UHD viewing experience with minimal effort. With daisy chain design utilising DisplayPort 1.2 and HDMI ports, when four compatible units are combined, the display can project UHD content across multiple screens. Display up to 5 x 5 — without requiring an external graphic card or UHD splitters. Samsung's UHD Signage Player Box streamlines functionality by combining the media player and content management software.

Four compatible screens (sold individually) are required to be connected to create UHD display.
The Signage Player Box is sold separately.

Durable and user-friendly design

IP5X Verified

IP5x certified, the VMB-U series is dust-resistant and able to withstand a range of environmental conditions without needing to prepare additional enclosure in dusty places. An embedded, centrally located infrared receiver (IR) allows for flexible user control to the display.

Specifications

Display

Diagonal Size 46"	**Panel Type** IPS
Resolution 1,920 x 1,080	**Pixel Pitch (HxV)** 0.53x0.53
Brightness (Typ) MAX 500 nit	**Contrast Ratio[5]** 1,200:1
Viewing Angle (H/V) 178/178	**Response Time** 8ms
Color Gamut 72 %	**Glass Haze** 25 %
H-Scanning Frequency 62.7~72.3kHz	**Maximum Pixel Frequency** 82MHz
V-Scanning Frequency 57~63Hz	**Contrast Ratio (Dynamic)** 45,000:1
Operation Time Support 24/7	

Connectivity

HDMI In 2	**DP In** 1
DVI In Yes	**Version of HDMI** 2
Version of DP 1.2	**Version of HDCP** 2.2
USB 1	**IR In** Yes
Audio In Yes	**Audio Out** Stereo Mini Jack
Video Out Yes	**Power Out** No
RS232 In Yes	**RS232 Out** Stereo Mini Jack
RJ45 In Yes	

Power

Power Supply AC100-240V 50/60Hz	**Power Consumption (On Mode)** 160 W
Power Consumption (Sleep Mode) 0.5 W	

Dimension

Set Dimension (WxHxD) 1022 x 577 x 69.9 mm	**Package Dimension (HxWxD)** 1193 x 719 x 257 mm

Weight	Net Weight	Package Weight
	15.7 kg	22.2 kg

Operation Conditions	Temperature	Humidity
	0℃~ 40℃	10 ~ 90%

Mechanical Specification	VESA Mount	Bezel Width
	600 x 400 mm	2.25mm(U/L), 1.25mm(R/B)
	Frame Material	
	Glossy	

Optional Feature	Mount	Stand
	Yes	No

Certification and Compliance	EMC	Safety
	FCC (USA) Part 15, Subpart B Class ACE (Europe) : EN55032 : 2012 or 2015 EN55024:2010 or EN 55035:2017VCCI (Japan) : VCCI CISPR32:2016 Class BKCC/EK (Korea) : Tuner : KN13 / KN20Tunerless : KN22 / KN24BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS14336-1 (ITE Safety) / CNS15663 (RoHS)C-Tick (Australia) : AS/NZS CISPR32:2015CCC(China) :GB/T9254-2008, GB17625.1-2012GOST(Russia/CIS) : ROCT CISPR 24-2013/ROCT CISPR 22:2005	CB (Europe) : IEC60950-1/EN60950-1CCC (China) : GB4943.1-2011PSB (Singapore) : PSB+IEC60950-1NOM (Mexico) : Tunerless : NOM-019-SCFI-1998IRAM (Argentina) : IRAM+IEC60950-1SASO (Saudi Arabia) : SASO+IEC60950-1BIS(India) : IEC60950-1 / IS13252KC(Korea) : K 60950-1EAC(Russia) : EAC+IEC60950-1INMETRO(Brazil) : INMETRO+IEC60950-1BSMI(Taiwan) : BSMI+IEC60950-1RCM(Australia) : IEC60950-1/AS/NZS 60950-1UL(USA) : cUL60950-1 CSA (Canada) : cULTUV (Germany) : CENEMKO (Norway) : CE

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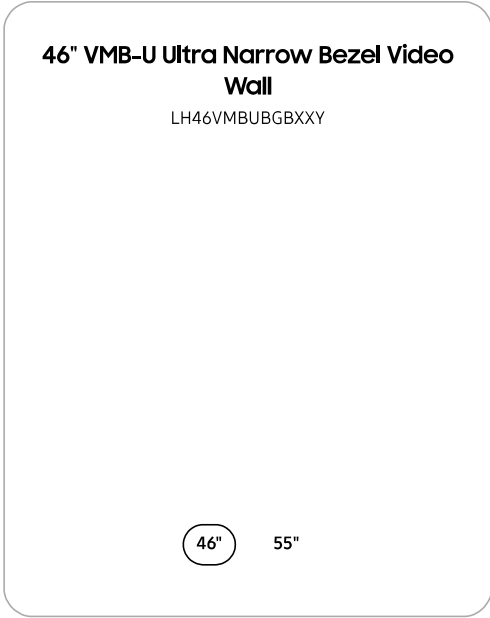Download

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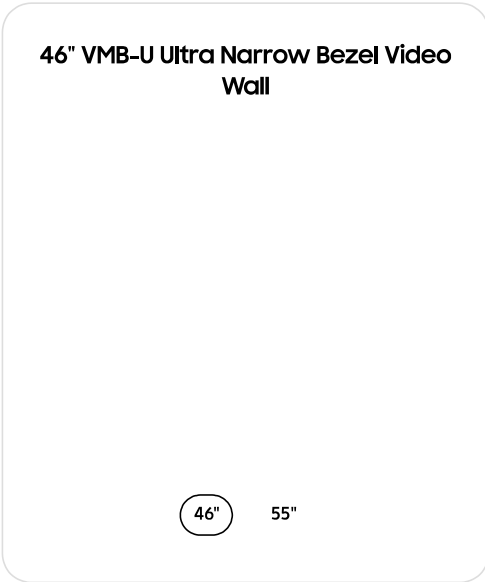
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55" Full HD Videowall Display UD55E-B

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