



## 55" VMB Series Digital Signage Ultra Narrow Bezel

VM55B-U

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### **Samsung Video Wall 55IN Ultra-Narrow VM55B-U**

- 3.5mm (B-to-B) ultra-narrow bezel video wall allows seamless display.
- Wide viewing angles to get clear details and vivid colors regardless of where the screen is located.
- Non-glare panels evenly distribute light across the screen to maintain vibrant and accurate content.
- Picture enhancement technology delivers optimized visuals.

#### Features

#### **Always-on, a space-saving solution with extreme-narrow bezels**

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

#### **Transform any space with high-impact visuals**

The slender design and 69.9mm cabinet depth provide flexibility for installation and an ultra-narrow 3.5mm bezel-to-bezel width creates a seamless picture opening endless possibilities for designing a captivating visual experience.

#### **View content from any angle**

Wide viewing angles mean the 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.

#### **Advanced presentation, simplified operation**

Utilizing daisy chain design through DisplayPort 1.2 or HDMI ports enables the display to present UHD content on multiple screens without an external graphic card. Samsung's UHD Signage Player Box streamlines functionality by combining the media player and content management software.

#### **Durable and user-friendly design**

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 easier and more flexible user control to the display.

### Rigorous testing, robust protection

VMB-U series is delivered in specialized packaging which has passed a rigorous 4-step test to meet ISTA standards, ensuring the display is protected from any potential damage during transit. This provides peace of mind for businesses that the display is ready to function immediately after delivery.

Specifications: Panel Diagonal Size 55" Type IPS Resolution 1920\*1080 (Full HD) Pixel Pitch (mm) 0.63x0.63 mm Active Display Area (mm) 1209.6(H) x 680.4(V) Brightness (Typ.) 500 nit Contrast Ratio 1200:1 Viewing Angle (H/V) 178/178 Color Gamut 72% Operation Hour 24/7 Haze 25% Connectivity Input Video HDMI 2.0 (2) / DVI-D, Display Port 1.2 Audio Stereo mini Jack USB USB 2.0 x 1 Output Video DP 1.2 (Loop-out) Audio Stereo mini Jack External Control RS232C (in/out), RJ45 in Power Power Supply AC 100 - 240 V, 50/60 Hz Power Consumption Max [W/h] 220 Typical [W/h] 165 Sleep mode less than 0.5 W Mechanical Specification Dimension (mm) Set 1213.5 x 684.3 x 73.13 mm Package 1398 x 844 x 257 mm Weight (kg) Set 19.4 kg Package 27.6 kg VESA Mount (mm) 600 x 400 Bezel Width (mm) 2.25mm (U/L), 1.25mm (R/B) Operation Operating Temperature 0 °C ~ 40 °C Humidity 10 % ~ 80 % Feature Key Features Ultra Narrow Bezel Orientation Landscape / Portrait Remote Control N/A Special Features H/W : Temperature Sensor, Video Wall Daisy Chain (10x10), DP 1.2 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 Internal Player Processor N/A On-Chip Cache Memory N/A Clock Speed N/A Main Memory Interface N/A Graphics N/A Storage (FDM) N/A Multimedia N/A I/O Ports N/A Operating System N/A Certification Safety 60950-1 EMC Class A IP Rating IP5x Accessory Included Quick Setup Guide, Warranty Card, Power Cord, RS232C (IN) Gender (Stereo to DB-9), Remote Controller + Batteries, DP cable Optional Stand N/A Mount WMN-55VDS Specialty N/A Media Player Media Player Media Player N/A