

LG- Signage Videowall 55VSH7J-H



DESCRIPTION

Groundbreaking 0.44mm Even Bezel

The unprecedented razor-thin bezel 0.44 mm EVEN BEZEL and 0.88 mm BEZEL TO BEZEL which has been verified by Nemko, makes content look like the actual original image by depicting a subject perfectly true to form, without any distortions. Seamlessly assembled on a large video wall screen, the VSH7J series will provide an even more immersive experience to viewers.

Higher Viewing Angle

Large screens are usually positioned higher than human-eye level, making uniform picture quality essential for video walls. The viewing angle of the VSH7J series is high enough to display vivid colors throughout the screen with no distortion.

Wide Viewing Angle

It is well known that LG IPS panel technology enables better control of liquid crystals, which in turn allows the screen to be viewed from virtually any angle. Because of this, the VSH7J series captures the attention of and captivates more viewers with lifelike colors, regardless of their viewing position.

Uniform Color Expression

Poor uniformity around bezel boundaries can give the corners a darker appearance, which doesn't look good on a large screen. However, the VSH7J series has enhanced uniformity, even within the four corners of the display, to deliver vivid and consistent color throughout the screen.

Smart Calibration

Smart Calibration is a solution that enables error-free calibration while dramatically reducing time and costs compared to existing sensor calibration methods. It analyzes not only the color property differences within each individual display but also the property differences between the connected displays, eliminating the need for any additional manual color adjustments. Because it can be done in a matter of minutes with just the click of a remote control, this process is so simple. In addition, calibration can be set to automatically occur at regular intervals and brightness can be adjusted based on the surrounding environment, allowing you to always deliver optimum image quality.

Clear View with Non-glare Panel

Viewers can be annoyed by unnecessary light reflection when watching a screen under bright conditions. The VSH7J series has resolved such inconveniences by increasing the level of haze to 28%, which enhanced visibility and text readability.

High Performance and Great Scalability

Thanks to its built-in SoC and webOS smart signage platform, the VSH7J series can execute several tasks at once while providing smooth content playback without the need for a media player. As webOS supports HTML5 as a web-based platform and offers SDK (Software Development Kit), it is even easier for SIs to build and optimize their web apps.

Intuitive Menu Structure

The menu structure has been optimized for commercial use. It simplifies approach flows and groups similar functions together, adopting a more intuitive GUI for ease of use. This way, users can avoid having to do trial-and-error when exploring desired functions and managing displays.

Dedicated GUI for Portrait Orientation

The conventional GUI (Graphic User Interface) was designed based on landscape-oriented consumer TV usage, so OSD (On Screen Display) wasn't well-suited for screens in portrait mode. The OSD of the VSH7J series, however, consists of a long range menu with bigger font sizes and a 9:16 ratio, creating a comfortable and efficient business environment.

Daisy Chain Capability

A LAN daisy chain allows you to control and monitor video walls and even update their firmwares at once. Also, through UHD daisy chain using HDMI and DisplayPort, you can easily set up a UHD video wall without the need of DisplayPort MST or Matrox graphics card.

Real-Time LG ConnectedCare

Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, enabling the stable operation of clients' businesses.

TECHNICAL CHARACTERISTICS

Brand : LG

Part number : 55VSH7J-H

Connectivité :

RS-232C : Y

HDCP : Y

AC input frequency : 50/60 Hz

AC input voltage : 120-240 V

Aspect ratio : 16:9

Bezel width (side) : 0.44 mm

Cables included : AC, DisplayPort, LAN (RJ-45)

Colour depth : 10 bit

Colour gamut : 72%

Contrast ratio (typical) : 1100:1

Depth : 86.5 mm

Display brightness : 700 cd/m²

Display diagonal : 139.7 cm (55»)

Display number of colours : 1.07 billion colours

Display resolution : 1920 x 1080 pixels

DisplayPorts in : 1

DisplayPorts out : 1

DVI port : Y

DVI-D ports quantity : 1

Ethernet LAN : Y

Ethernet LAN (RJ-45) ports : 2

Harmonized System (HS) code : 85285210

Haze rate : 28%

HD type : Full HD
HDCP version : 1.4/2.2
HDMI input ports quantity : 2
HDMI ports quantity : 2
Height : 681.2 mm
Mounting kit : Y
Native refresh rate : 50 Hz
Operating hours (hours/days) : 24/7
Operating relative humidity (H-H) : 10 - 80%
Operating temperature (T-T) : 0 - 40 °C
Orientation : Landscape/Portrait
Package depth : 263 mm
Package height : 855 mm
Package weight : 23.6 kg
Package width : 1353 mm
Panel life : 60000 h
Panel mounting interface : 600 x 400 mm
Panel type : IPS
Placement supported : Indoor
Power consumption (max) : 260 W
Power consumption (typical) : 220 W
Product colour : Black
Remote control included : Y
Response time : 8 s
USB port : Y
USB ports quantity : 1
USB version : 2.0
VESA mounting : Y
Wall mountable : Y
Weight : 16.8 kg
Width : 1210.5 mm