LG DIGITAL SIGNAGE

2021 INFORMATION DISPLAY AND SOLUTIONS
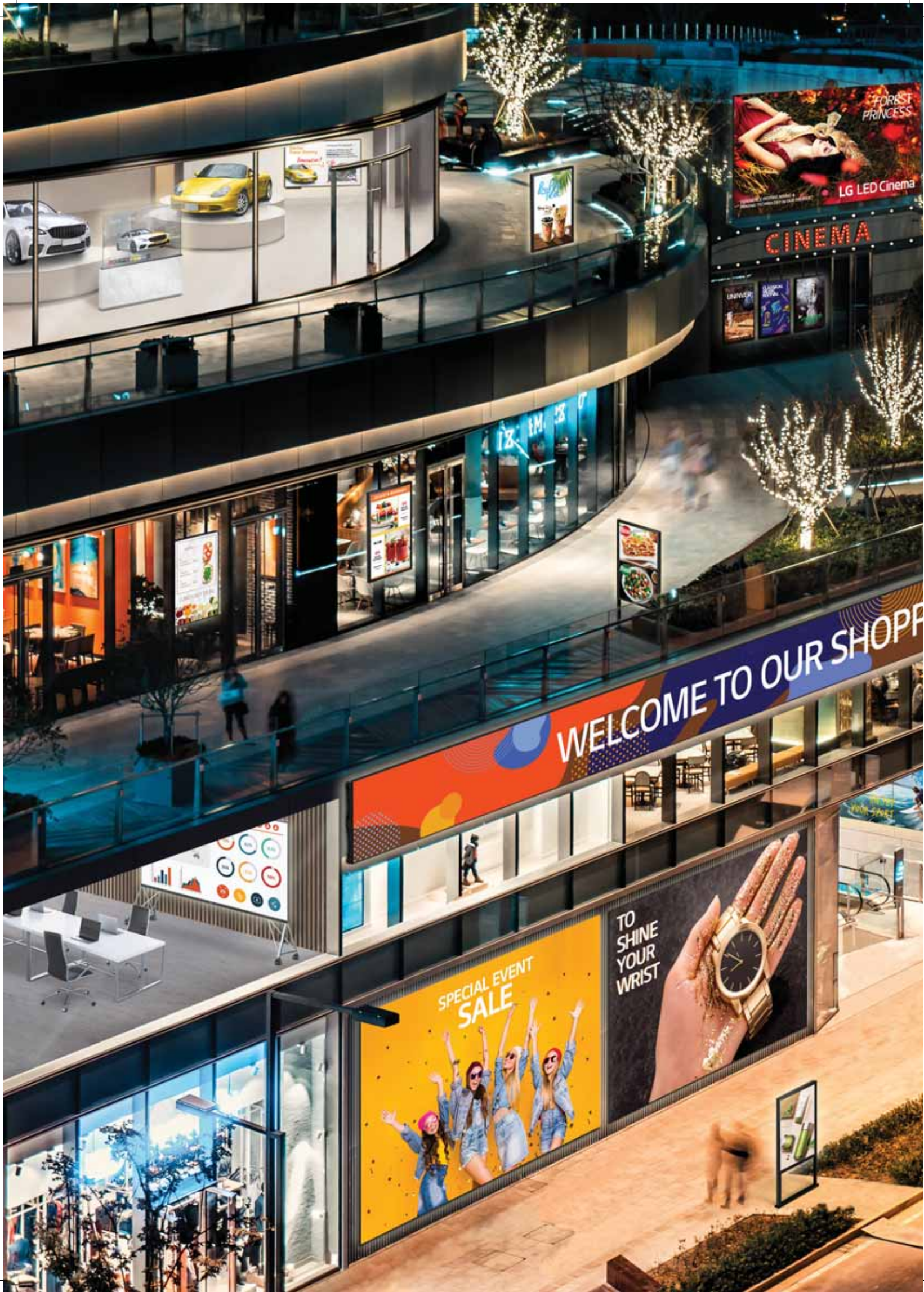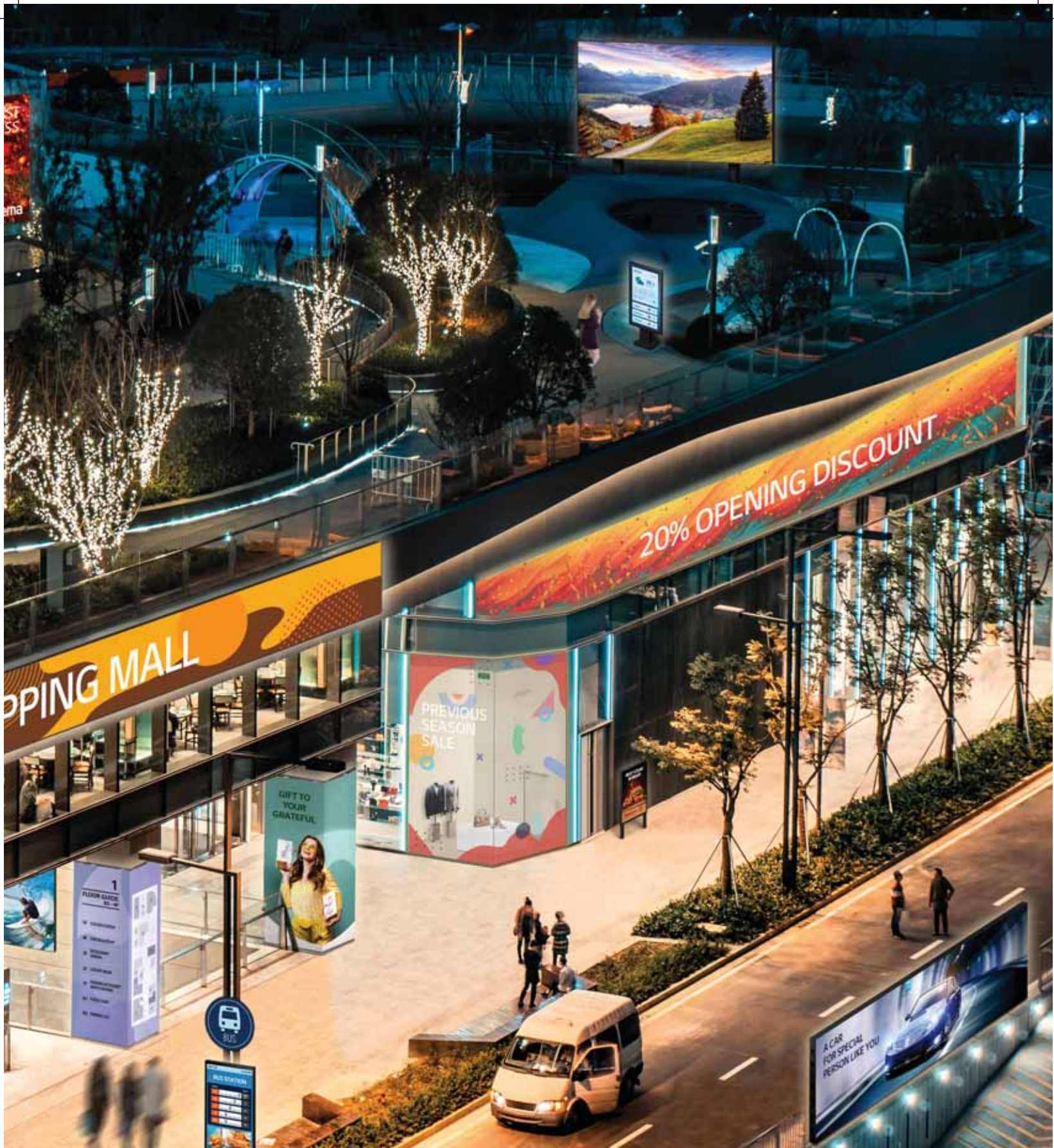
Shape Immersive Moments.
Share Innovative Experience.

Believe your business should be more impactful and iconic, LG Business Solutions is here to realize the true potential of your business. Display all your boundless ideas on digital signage and watch the technology of LG Business Solutions shape them into immersive moments. Make your ideas more outstanding through reality and vividness beyond your imagination and interactivity that allows people to engage. All immersive moments combine to create innovative experience for your business.

CONTENTS

LG Digital Signage Introductions

OLED

Artistic Space Beyond Display

Beyond its informative features, LG OLED Signage delivers unsurpassed advertising effectiveness, redesigning space as a prestige-enhancing landmark with perfect colors and innovative forms.
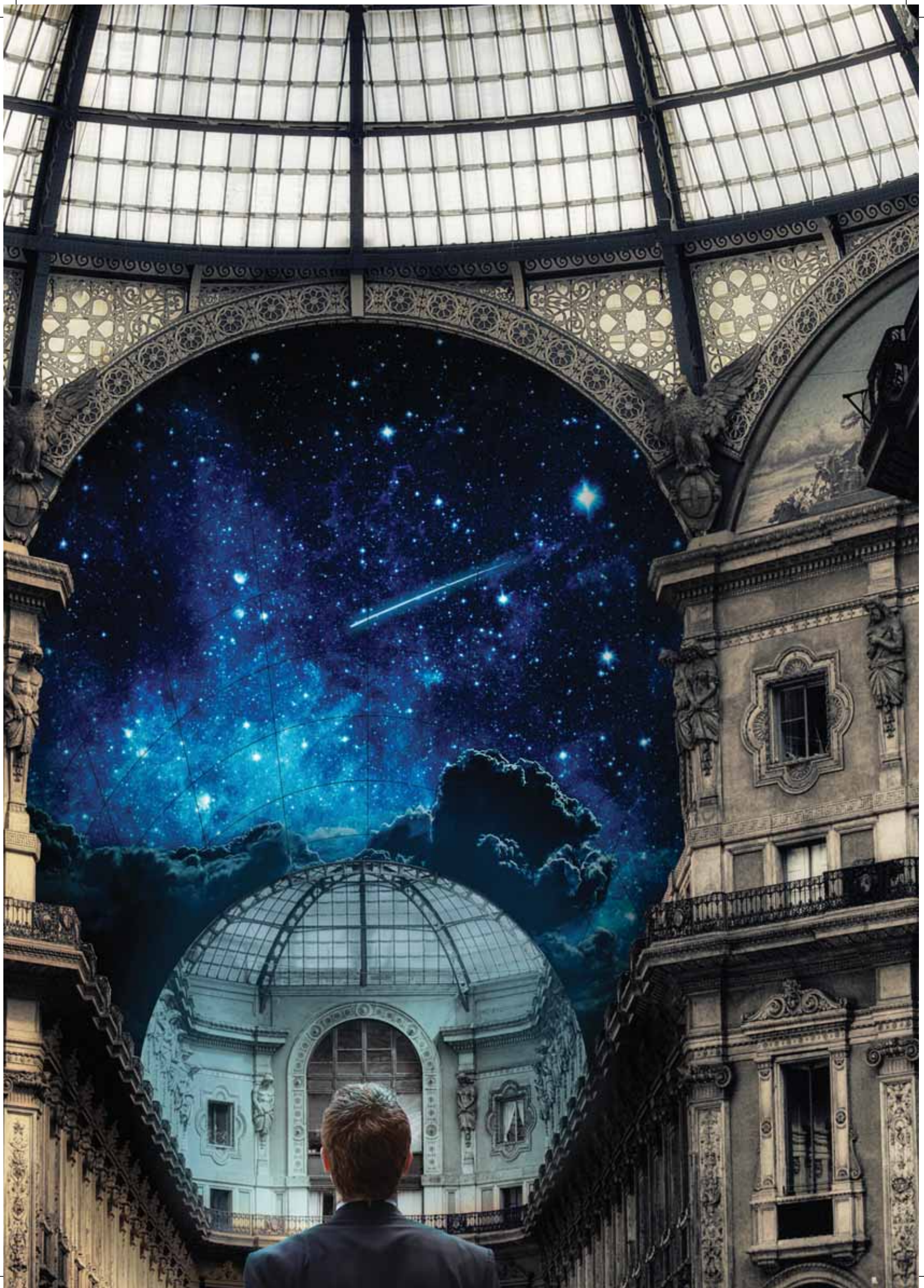
OLED KEY FEATURES

Unrivalled Picture Quality

LCD   LG OLED Signage

True Black

Equipped with over 8 million self-lighting pixels operating individually, LG OLED Signage reproduces absolute blacks with no light spread and offers infinite contrast.
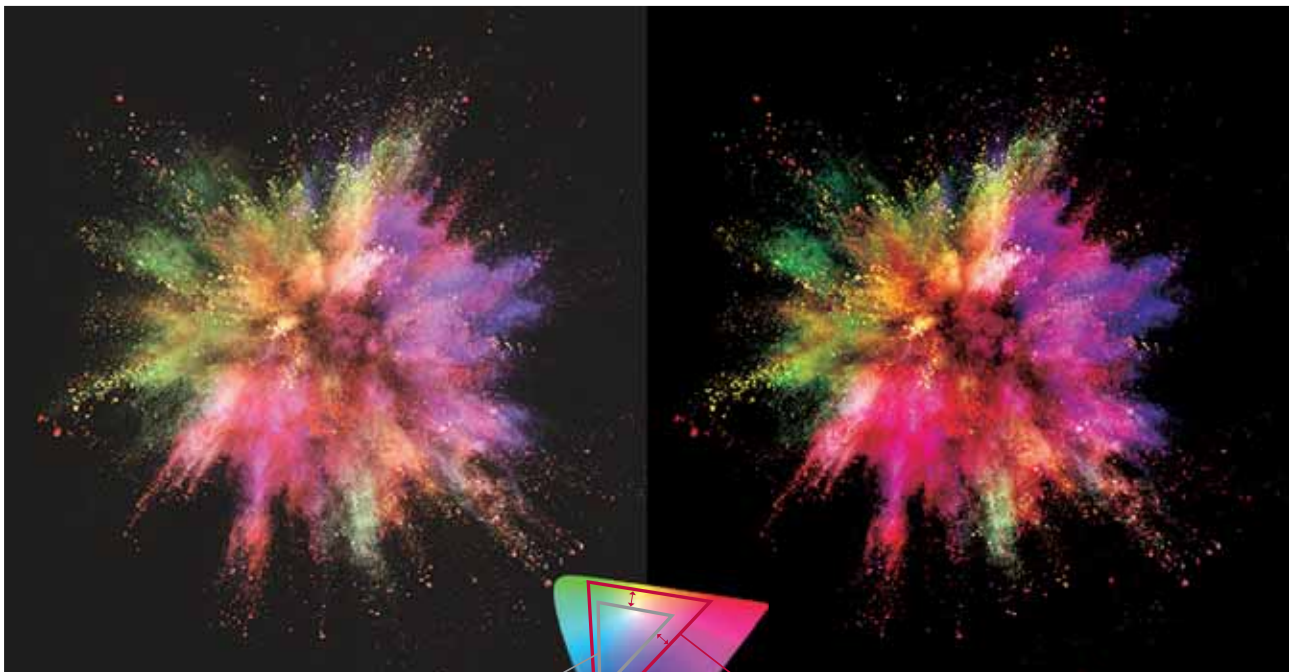
LCD   LG OLED Signage

Lifelike Color

LG OLED Signage provides richness in all colors, bringing colors to life with superb accuracy and vividness.

Wide Viewing Screen

LG OLED Signage delivers its awe-inspiring picture quality and brightness even from wide viewing angles.

Slim & Lightweight

Flexible

in Glass

Transparent

Flexible Design

LG OLED technology doesn't require a backlight unit nor a liquid crystal layer so it offers a flexible design with unbelievably lightweight and slim features.

OLED LINE UP

Transparent OLED Touch
EW5TF | 55

Resolution		1,920 × 1,080
Brightness		150 / 400 nit (APL* 100% / 25%, Without Glass)
Transparency		33% (Set)
Orientation		Portrait / Landscape
Operation Hours		18 / 7 (Moving Content Only)
Depth / Weight		7.0 mm / 14.6 kg (Head)
Connectivity	Input	HDMI, DP, USB 2.0 Type A, USB 2.0 Type A (Touch Control Board Only)
	Output	DP,, Audio, Touch USB (USB 2.0 Type B)
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In (External IR Receiver)
Key Feature		P-Cap Touch, Tempered Front Glass

* APL : Average Picture Level

Transparent OLED
EW5F EW5G | 55

Resolution		1,920 × 1,080
Brightness		150 / 400 nit (APL 100% / 25%, Without Glass)
Transparency		38% (Set)
Orientation		Portrait / Landscape
Operation Hours		18 / 7 (Moving Content Only)
Depth / Weight		6.6 mm / 13.9 kg (EW5F) 4.9 mm / 14.6 Kg (EW5G)
Connectivity	Input	HDMI, DP, USB 2.0 Type A (2)
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In (External IR Receiver)
Key Feature		IEC 61373 Verified Design, Tempered Front Glass

FINALIST 2019 · iF DESIGN AWARD 2019 · PIN UP DESIGN AWARDS 2018

Wallpaper OLED
EJ5E | 65

Resolution		3,840 × 2,160
Brightness		150 / 400 nit (APL 100% / 25%)
Orientation		Portrait / Landscape
Operation Hours		12 / 7 (Moving Video Only)
Depth / Weight		6.0 mm / 9.9 kg (Head)
Connectivity	Input	HDMI, DP, USB 2.0 Type A (2)
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In (External IR Receiver)
Key Feature		Dedicated Wall Fixers for Seamless Installation

Flexible Open Frame OLED

EF5F EF5G | 55

Resolution	1,920 × 1,080		
Brightness	150 / 400 nit (APL 100% / 25%)		
Orientation	Portrait / Landscape		
Operation Hours	18 / 7 (Moving Content Only)		
Depth / Weight	12.4 mm (Head Only) / 7.8 kg (Portrait, Head), 6.6 kg (Landscape, Head)		
Connectivity	Input	HDMI, DP, USB 2.0 Type A (2)	
	Output	DP, Audio	
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In (External IR Receiver)	
Key Feature	On-site Customization with Curvature Calibrator (Optional)		

* Based on EF5F specification

Video Wall OLED

EV5E | 65

Resolution	3,840 × 2,160		
Brightness	150 / 400 nit (APL 100% / 25%)		
Bezel Width (T/B/L/R)	1.2 / 1.2 / 1.2 / 1.2 mm (Off-bezel) 9.1 / 9.1 / 8.7 / 11.6 mm (On-bezel)		
Depth	7.9 mm (Head)		
Orientation	Portrait		
Operation Hours	12 / 7 (Moving Video Only)		
Connectivity	Input	HDMI, DP, USB 2.0 Type A (2)	
	Output	DP, Audio	
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In (External IR Receiver)	
Key Feature	Uniform Brightness with VLC* Technology		

* VLC: Video Wall Luminance Compensation

Wallpaper OLED

EJ5G | 55

Resolution	1,920 x 1,080 (FHD)		
Brightness (cd/m^2)	150/400nit (APL 100% / 25%)		
Bezel Width (T/B/L/R)	Even Bezel : 0.9mm (Off Bezel) T/R/L/B : 5.3/11.0/5.3/5.3mm (On Bezel)		
Orientation	Portrait & Landscape		
Connectivity	Input	HDMI, DP, USB 2.0 (2)	
	Output	DP, Audio	
	External Control	RS232C In/out, RJ45 (LAN) In/out, IR In	
Key Feature	Temperature Sensor, webOS 4.0, Embedded CMS		

HIGH BRIGHTNESS

Outstanding Visibility with Reliable Performance

With superior picture quality and excellent durability, the display's eye-catching content will captivate customers even under direct sunlight or extreme environmental fluctuations.

The Most Beautiful Place to Travel **ITALY**

Train number	Class	Destination	Arrivals	Track	Numvering of wagons
709	High-speed	N.Novgorod-Moscow	14:58	1	rear
717	High-speed	Ivanovo-Moscow	10:50		head
084	Express	Adler-Moscow	11:25		rear
835	High-speed	Kovrov-Moscow	12:20		rear
142	Express	Lgov-Moscow	12:31		head
072	Friskae	Belgorod-Moscow	12:56		rear
058	High-speed	Stary Oskol-Moscow	13:10		rear
020	Express	Kharkiv-Moscow	15:52		head
7050	sub	Tula-Moscow	15:57		
737	High-speed	Ivanovo-Moscow	16:05		head
7081	sub	Vladimir-Moscow	16:09	8T	
701	High-speed	N.Novgorod-Moscow	16:20	1	rear

HIGH BRIGHTNESS KEY FEATURES

Captivating High Brightness

LG high brightness displays provide a variety of options from window-facing to IP-rated outdoor displays, based on customers' requirement. Even on the outside with direct sunlight, it offers crisp & clear picture and maximizes advertising impact by catching the attention of passersby.

Long Lasting Brightness

By adding more LED units, the LG outdoor displays* operate brighter at a low temperature, thereby maintains its brightness longer.

* Only available in some models.

Visible with Polarized Sunglasses

QWP(Quarter Wave Plate) enables clear visibility even when the viewer is wearing polarized sunglasses.

Wide Operating Temperature Range

The panel offers superb reliability under a wide range of operating temperatures*, so LG high brightness displays requires fewer constraints for installation, reducing additional costs for air conditioning system.

* The operating temperatures vary by model series.

Conformal Coating

The product can be often unavoidably exposed to dust and water during maintenance. Conformal coating on every major circuit board eliminates such troubles by protecting it against dust, iron powder, humidity, etc.

IP-Rated Design

Sealed with IP56* design for reliable operation, it is not only waterproof but also weatherproof against the damaging effects of the sun, rain, snow, dust and wind, an essential feature for outdoor application.

* Only available in some models.

HIGH BRIGHTNESS LINE UP

Window Facing
XS4G | 75

Resolution		1,920 × 1,080
Brightness		4,000 nit (Typ.), 3,200 nit (Min.)
Orientation		Portrait / Landscape
Operation Hours		24 / 7
Connectivity	Input	HDMI (2), DP, Audio, USB 2.0 Type A
	Output	DP, External Speaker (L/R)
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Operation Temperature		0°C to 40°C

Open Frame
XF3C | 75

Resolution		3,840 × 2,160
Brightness		3,000 nit (Typ.), 2,400 nit (Min.)
Orientation		Portrait (Clockwise) / Landscape
Operation Hours		24 / 7
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB 3.0, SD Card
	Output	DP, External Speaker (L/R)
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In, Pixel Sensor In
Operation Temperature		0°C to 50°C
Operation Humidity		10% to 85% (w/o Direct Sunlight, Direct Sunlight in Cooling System)

IP Rated Outdoor
XE4F | 55 49

Resolution	1,920 × 1,080		
Brightness	4,000 nit (Typ.), 3,200 nit (Min.)		
Orientation	Portrait / Landscape		
Operation Hours	24 / 7		
Connectivity	Input	HDMI (2), DP, USB 2.0 Type A (2)	
	Output	External Speaker (L/R)	
	External Control	RS232C In / Out, RJ45 (LAN) In (2, LAN, HDBaseT) / Out	
Operation Temperature / Humidity	-30°C to 50°C / 5% to 100%		
Key Feature	IP56 Design, IK10 Certified Front Glass		

Open Frame
XF3E | 55 49

Resolution	1,920 × 1,080 (FHD)		
Brightness	Min: 2400cd/m^2, Typ: 3000cd/m^2		
Orientation	Portrait / Landscape		
Operation Hours	24 / 7		
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB	
	Output	DP, External Speaker Out (L/R)	
	External Control	RS232C In/Out, RJ45 In, IR Receiver In, Pixel Sensor In	
Operation Temperature	0°C to 50°C (w/o Direct Sunlight, Direct Sunlight in Cooling System) 0°C to 40°C (Direct Sunlight)		

TOUCH

Smart Collaboration Beyond Touch Experience

The LG Interactive Digital Board (IDB) boosts meeting
productivity by encouraging participants to freely
share their ideas on the screen using intuitive touch
and embedded collaboration solutions.

TOUCH KEY FEATURES

Outstanding Touch Performance

LG touch displays are equipped with various cutting-edge touch technologies which deliver a high-quality user experience (UX) and boost your business efficiency with outstanding and reliable touch performance.

Multi Touch Experience

Capable of recognizing multi point-touches* at once, the screen enables various touch applications to be applied as well as provides users more realistic and interesting touch experiences.

* Touch points can vary depending on the models and connection environment.

Palm Erasing

LG touch display allows you to easily erase texts, pictures, etc. written on the screen by using your own hands.* This is not only easier than erasing with the stylus, but also makes you feel more natural, like you're erasing a real whiteboard.

* Only available in some models.

All-in-one Touch and Writing Solution

The embedded IDB (Interactive Digital Board) app* and webOS Smart Signage platform have been integrated into a high performance SoC (System-on-chip), so no separate PC or software is necessary for touch, writing and collaboration solutions.

* Only available in some models.

Screen Sharing

The LG IDB model series allows you to share screens with laptops or other mobile devices for more engaging and smarter meetings and classes.

Intuitive UX

New Interactive Display Application supports intuitive UX* that includes a simple launcher menu, easy control center, and seamless tool bar.

* Only available in some models.

TOUCH LINE UP

Interactive Digital Board (In-Cell Touch)
TN3F | 86

Resolution	3,840 × 2,160
Brightness	350 nit (w/ Glass, Typ.), 280 nit (w/ Glass, Min.)
Orientation	Landscape
Operation Hours	16 / 7
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB (USB2.0 Type A (2), USB2.0 Type C)
	Output	Touch USB (2)
	External Control	RS232C In / Out, RJ45 (LAN) In
Touch Type	In-Cell
Multi Touch Point	Finger: Max 20 Point (Windows) Finger: Max 10 Point (webOS) Active Pen: Max 2 Point

iF DESIGN AWARD 2020

Interactive Digital Board (IR Touch)
TR3BF | 86 75 65   **TR3BG** | 65 55

Resolution	3,840 × 2,160
Brightness	86": 360 nit (w/o Glass, Typ.), 330 nit (w/ Glass, Typ.) 75": 360 nit (w/o Glass, Typ.), 330 nit (w/ Glass, Typ.) 65": 380 nit (w/o Glass, Typ.), 350 nit (w/ Glass, Typ.)
Orientation	Landscape
Operation Hours	16 / 7
Connectivity	Input	HDMI (3), RGB, Audio, USB (USB3.0 Type A (3), USB2.0 Type A (3))
	Output	HDMI, Audio (1, Optical), Touch USB (2)
	External Control	RS232C In, RJ45 (LAN) In
Touch Type	IR
Multi Touch Point	Max 20 Points

* Based on TR3BF specification

P-Cap Touch

TC3D | 75 55

Resolution	75": 3,840 × 2,160, 55": 1,920 × 1,080	
Brightness	75": 500 nit (w/o Glass), 410 nit (w/ Glass) 55": 450 nit (w/o Glass), 370 nit (w/ Glass)	
Orientation	Portrait / Landscape	
Operation Hours	24 / 7	
Connectivity	Input	HDMI (3), DP, DVI-D, RGB, Audio, USB (USB3.0 Type, USB2.0 Type (2)), Touch Out (USB2.0, B Type (2))
	External Control	RS232C In / Out, RJ45 (LAN) In
Touch Type	P-Cap (Ag Metal Mesh)	
Multi Touch Point	Max 40 Points (Windows) Max 10 Points (webOS)	

IR Touch

TA3E | 55 49 43 32

Resolution	1,920 × 1,080	
Brightness	450 nit (w/ Glass 325 nit)	
Orientation	Portrait / Landscape	
Operation Hours	24 / 7	
Connectivity	Input	HDMI (2), DP, DVI-D, RGB, Audio, Pixel Sensor, USB 3.0
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Touch Type	IR (Scattering)	
Multi Touch Point	Max 10 Point	

VIDEO WALL

Artistic Immersion, Overwhelming Captivation

Seamlessly assembled on a large video wall screen,
the impressive immersion generated by LG's extremely
narrow bezel provides an extraordinary viewing
experience.
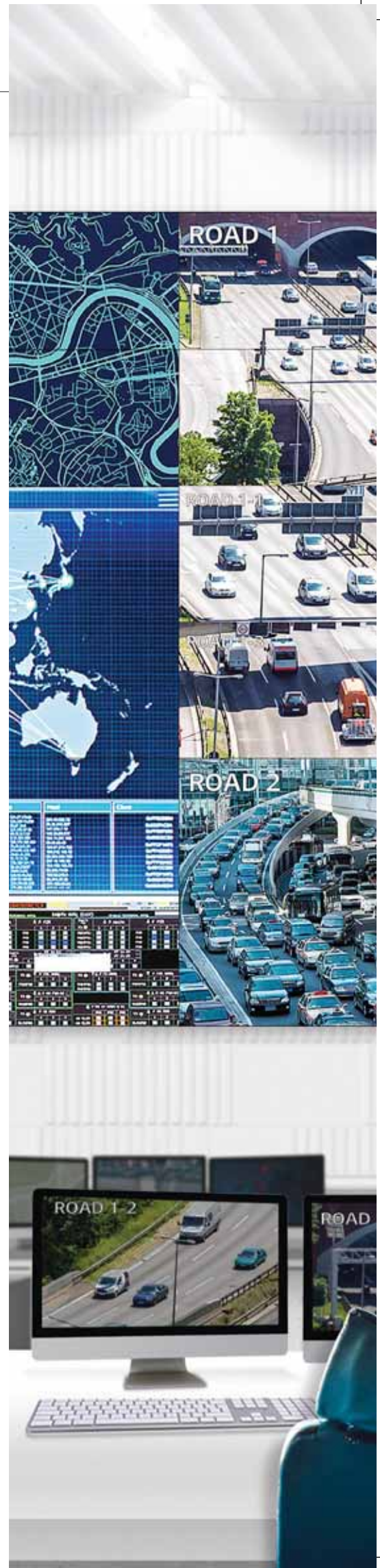
VIDEO WALL KEY FEATURES

Even Bezel
≥0.44mm

A World-Class Bezel
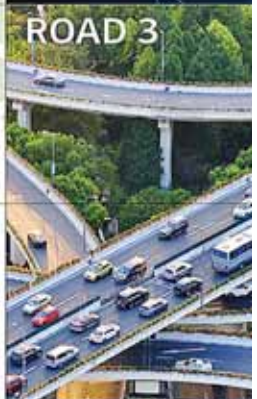
The ultra-narrow bezel creates a visually stunning digital wall to effectively deliver dynamic content and immerse the viewers. The large screen it generates is enough to captivate the attention of passersby.

Low Uniformity (≤80%)   LG Video Wall (≥90%)

Conventional
(Built-in Power)

LG Video Wall
(External Power Supply)

ERROR

Power Cable**

External Power Box** (LPLG001-FV)

Power Redundancy Operate
(in the event of Power Failure)
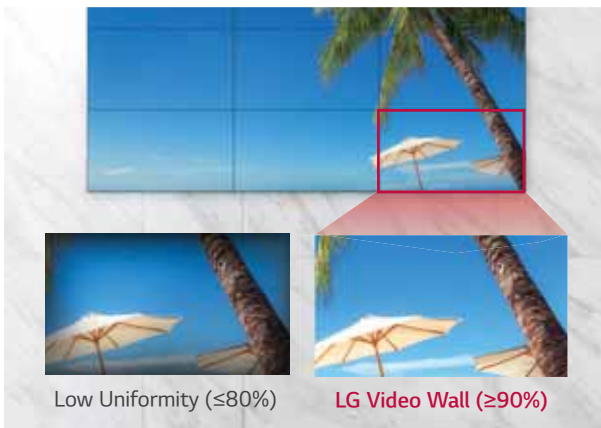
Uniform Color Expression

The LG Video Wall series has enhanced uniformity, including the four corners of the display, to deliver vivid and consistent color throughout the screen.

Power Redundancy

LG offers a Video Wall which is designed to ensure uninterrupted power supply with an optional external power box, providing users with efficient operation.

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.

* Only available in some models.

High 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 LG Video Wall series is high enough to display vivid colors throughout the screen with no distortion.

* This may differ by models (from 45° to 60°).
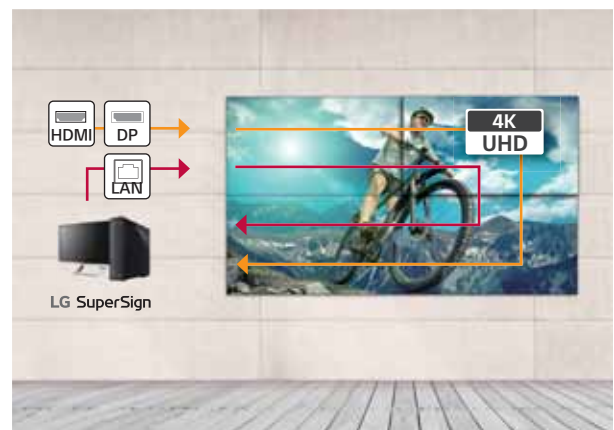
Daisy Chain Capability

A LAN daisy chain* allows you to control and monitor Video Walls and even update their firmware 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.

* Only available in some models.

27

VIDEO WALL LINE UP

0.44mm Even Bezel
SVH7F | 55

Resolution	1,920 × 1,080
Brightness	700 nit (Typ.)
Bezel Width	0.44 mm (Even)
Surface Treatment (Haze)	3%
Orientation	Portrait / Landscape
Operation Hours	24 / 7
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB2.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In
Key Feature	Smart Calibration

0.44mm Even Bezel
SVM5F-H | 55

Resolution	1,920 × 1,080
Brightness	500 nit (Typ.)
Bezel Width	0.44 mm (Even)
Surface Treatment (Haze)	28%
Orientation	Portrait / Landscape
Operation Hours	24 / 7
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB2.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In
Key Feature	Smart Calibration

1.8mm Bezel to Bezel

VH7E | 55 49   **VH7E-H** | 55

Resolution	1,920 × 1,080		
Brightness	700 nit (Typ.)		
Bezel Width	0.9 mm (Even), B to B 1.8 mm		
Surface Treatment (Haze)	VH7E-H: 44%, VH7E: 3%		
Orientation	Portrait / Landscape		
Operation Hours	24 / 7		
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB2.0 Type A	
	Output	DP, Audio	
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In	

1.8mm Bezel to Bezel

VM5E | 55

Resolution	1,920 × 1,080		
Brightness	500 nit (Typ.)		
Bezel Width	0.9 mm (Even), B to B 1.8 mm		
Surface Treatment (Haze)	3%		
Orientation	Portrait / Landscape		
Operation Hours	24 / 7		
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB2.0 Type A	
	Output	DP, Audio	
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In	

VIDEO WALL LINE UP

3.5mm Bezel to Bezel
VL5PF | 49

Resolution	1,920 × 1,080
Brightness	450 nit (Typ.)
Bezel Width (T,L / B,R)	2.25 mm / 1.25 mm
Surface Treatment (Haze)	3%
Orientation	Portrait / Landscape
Operation Hours	24 / 7

Connectivity	Input	HDMI, DP, DVI-D, RGB, Audio, USB3.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In

3.5mm Bezel to Bezel
VL7F | 55

Resolution	1,920 × 1,080
Brightness	700 nit (Typ.)
Bezel Width (T,L / B,R)	2.25 mm / 1.25 mm
Surface Treatment (Haze)	3%
Orientation	Portrait / Landscape
Operation Hours	24 / 7

Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB2.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In

3.5mm Bezel to Bezel

VL5F | 55 49

Resolution	1,920 × 1,080
Brightness	55": 500 nit (Typ.) 49": 450 nit (Typ.)
Bezel Width (T,L / B,R)	2.25 mm / 1.25 mm
Surface Treatment (Haze)	3%
Orientation	Portrait / Landscape
Operation Hours	24 / 7

Connectivity	Input	HDMI (2), (49": HDMI 1), DP, DVI-D, RGB (49" Only), Audio, USB2.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In

STRETCH

Space Fitting Design for Effective Advertising

The unique bar-type displays are ideal for showing
vertical or horizontal objects without truncation
or compound content composed of video and text.
Placed on pillars or any long structures, they provide
an extraordinary viewing experience.
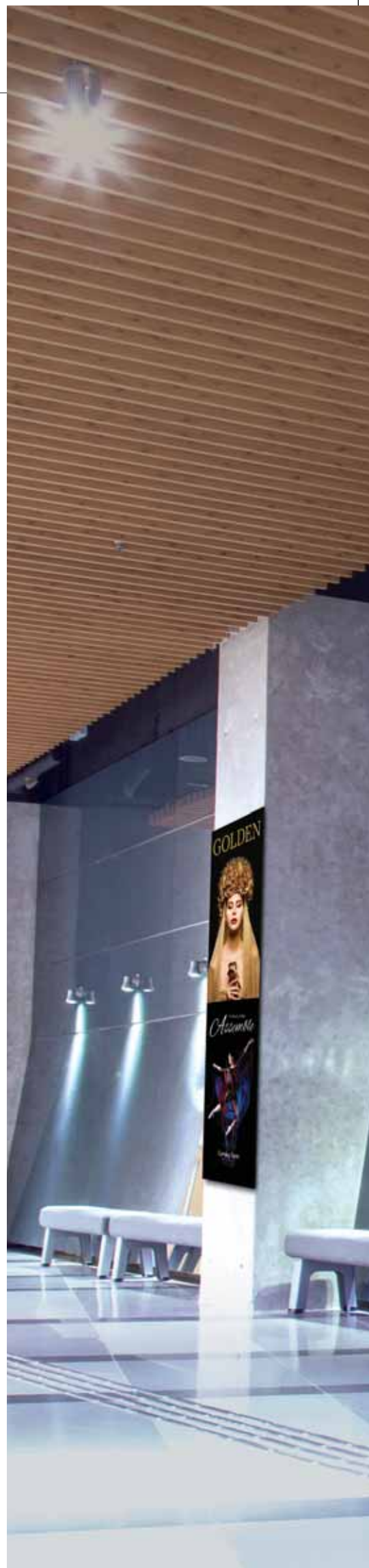
GOLDEN

The beauty of Ballet

Assemble

Coming Soon

STRETCH KEY FEATURES

2,158 mm

98" UHD

2,158 mm

88" (32:9)
611 mm

86" (58:9)
349 mm

x2

Extended Wide Format with High Picture Quality

This bar-type screen is the most promising display for advertisement and information delivery with clear and vivid colors, placed in anywhere.

Flexibility for Content Management

The product is able to organize multi content with video and text according to user's desired ratio. Also, it is optimized to show a vertical or horizontal object without truncation, providing lifelike viewing experiences to the customers.

Tiled Scene with Immersive View

The product can show a tiled scene by up to 15 × 15 configuration. This will be the best choice if you want to use a large screen, or provide visual impact to your customers in a different way.

32:9 Ultra Stretch
BH7F | 88

Resolution	3,840 × 1,080
Brightness	700 nit (Typ.)
Surface Treatment (Haze)	3%
Orientation	Portrait / Landscape
Operation Hours	24 / 7
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB2.0 Type A (2)
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In
Monitor Dimension (W × H × D)	2,158.3 × 611.2 × 84.8 mm

58:9 Ultra Stretch
BH5F | 86

Resolution	3,840 × 600
Brightness	500 nit (Typ.)
Surface Treatment (Haze)	10%
Orientation	Portrait / Landscape
Operation Hours	24 / 7
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB2.0 Type A (2)
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In
Monitor Dimension (W × H × D)	2,158.3 × 348.5 × 81.7 mm
IP Rating	IP5X

UHD

Absolute Color Vividness on Ultra HD Display

Vibrant colors and powerful performance bring
content to life, effectively capturing the attention of
passersby, driving traffic to the display's location.

01:40 PM
May 20

22°

Cloudy

Precipitation : 40%
Wind : 4 mph

EMPLOYEE
OF THE
MONTH

James
Noah
Jane
Luke

James Byron

UHD KEY FEATURES

FULL HD   ULTRA HD

4PBP   PIP

Ultra HD Resolution

With the resolution that is 4 times higher than FHD, it makes the color and details of the contents more vivid and realistic. In addition, the wide viewing angle applied with LG IPS Panel, provides clear contents with no distortion.

Multi Screen with PBP/PIP

PBP (Picture-By-Picture)* features multi screen in a single display with up to 4 input sources while PIP (Picture-In-Picture)* supports playing both main screen and sub screen at the same time with various layouts. This gives great flexibility to allocate space for each content source.

* Only available in some models.

High Compatibility

For a smarter hassle-free meeting, LG UHD displays have been certified* Crestron Connected® as well as compatibility with Cisco System. This will ensure automated and integrated control, boosting business management efficiency.

* Only available in some models.

Sleek & Practical Design

LG UHD signage has a slim depth which allows easy installation by using less space. Also, the detachable logos* give users flexibility to arrange the display, while sound effects are provided from built-in speakers* removing the need for purchasing external speakers.

* Only applies to some models and the product design may differ by models.

IP5x Certified Design

The IP5x Dust-Proof Certification* ensures that the product is completely protected from dust, eliminating the risk of performance degradation.

* Only available in some models.

Tilting Installation Support

When a display is installed at high places, it is usually tilted for the user's comfort viewing. In consideration of this, the display supports the installation with up to 30 degrees of tilt*.

* Only available in some models.

UHD LINE UP

UHD Signage
UH7F-H | 65 55 49

Resolution		3,840 × 2,160
Brightness		700 nit (Typ.)
Surface Treatment (Haze)		28%
Orientation		Portrait / Landscape
Operation Hours		24 / 7
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB2.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Tilt (Facedown)		Max. 30° (30°C Temperature, Humidity 50%)
IP Rating		IP5X
Speaker		10W × 2ea

UHD Signage
UH5F-H | 98 86 75 65 55 49 43   MADE IN INDIA

Resolution		3,840 × 2,160
Brightness		500 nit (Typ.)
Surface Treatment (Haze)		28%
Orientation		Portrait / Landscape
Operation Hours		24 / 7
Connectivity	Input	98" to 75" USB2.0 Type A(2), 65" to 43" USB2.0 Type A(1)
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Tilt (Facedown)		Max. 30° (30°C Temperature, Humidity 50%) * 65", 55", 49", 43" Only
IP Rating		IP5X * 65", 55", 49", 43" Only
Speaker		10W × 2ea

*75, 86 & 98 are not Made in India.

UHD Signage
UH5E | 98 86 75 65 55 49

Resolution		3,840 × 2,160
Brightness		500 nit (Typ.)
Surface Treatment (Haze)		1% (98"), 3% (86", 75"), 28% (65", 55", 49")
Orientation		Portrait / Landscape
Operation Hours		24 / 7
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB2.0 Type A (2)
	Output	DP, Audio, External Speaker (65", 55", 49", 98" Only)
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Speaker		10W × 2ea (86", 75" Only)

UHD Signage

UM3E | 86 75 **UM3F** | 98

Resolution	3,840 × 2,160
Brightness	350 cd/m^2
Surface Treatment (Haze)	1% (98"), 3% (86"/75")
Orientation	86" Landscape only, 98" & 75" Portrait & Landscape
Connectivity — Input	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)
Connectivity — Output	DP, Audio (Off/Fixed/Variable)
Connectivity — External Control	RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In
Bezel	14.3 mm (Even) (86"), 14.9 mm (Even) (75", 98")
Operation Hours	24 Hrs (98", 75"), 18 Hrs (86")

webOS

UHD Signage

UM3DG | 65 55 49 43

MADE IN INDIA

Resolution	3,840 × 2,160
Brightness	350 nit (Typ.)
Surface Treatment (Haze)	1% (65" & 43"), 3% (55" & 49")
Orientation	Portrait / Landscape
Operation Hours	18 / 7
Connectivity — Input	HDMI (3), USB2.0 Type A
Connectivity — Output	Audio
Connectivity — External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Tilt (Facedown)	Max. 15° (30°C Temperature, Humidity 50%)
IP Rating	IP5X
Speaker	10W × 2ea

FHD

A Broad Range of Offers for Diverse Customer Values

Easily installed in any venues, LG digital signage plays an integral role in customer engagement and spatial enhancement.

FHD KEY FEATURES

IPS Wide Viewing Angle

LG IPS panel technology provides better control of the liquid crystals, which in turn allows the screen to be viewed at virtually any angle. So it delivers stable and accurate colors no matter where viewers are.

Detachable Logo & Built-in Speaker

The detachable logo* makes it easy for the user to arrange the signage. Also, sounds can be played from built-in speakers*, offering viewers various multi-media experiences.

* Only available in some models.

HDMI   LAN   USB

RGB   Audio

DVI-D   RS232C
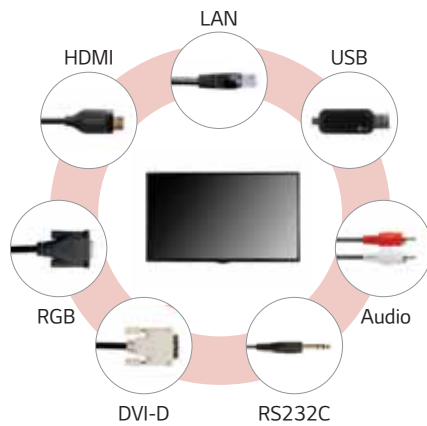
Plug & Play

A Wide Range of Interfaces

Thanks to its high compatibility with diverse interfaces*, users can select among various input/ output sources for optimal content playback and control.

* Input / output configuration differs by models.

USB Plug & Play

It supports USB Plug & Play feature, so users can easily set content playback by using a USB.

Various Applications

Easily installed in any venues, LG digital signage plays an integral role in customer engagement and spatial enhancement.

FHD LINE UP

FHD Signage
SM5KE | 49 43 32

Resolution	1,920 × 1,080
Brightness	450 nit (32": 400 nit)
Surface Treatment (Haze)	1%
Orientation	Portrait / Landscape
Operation Hours	24 / 7
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Speaker	10W × 2ea

FHD Signage
SM3G | 22

Resolution	1,920 × 1,080
Brightness	250 nit (Typ.)
Surface Treatment (Haze)	25%
Orientation	Portrait / Landscape
Operation Hours	16 / 7
Connectivity	Input	HDMI (2), Audio, USB 2.0 Type A
	External Control	RS232C In, RJ45 (LAN) In, IR In
Speaker	1W × 2ea

FHD Signage
SE3KE | 55 49 43 32

| Resolution		1,920 × 1,080
Brightness		350 nit
Surface Treatment (Haze)		1%
Orientation		Portrait / Landscape
Operation Hours		18 / 7
Connectivity	Input	HDMI (2), DVI-D, RGB, Audio, USB
	Output	Audio
	External Control	RS232C In / Out, RJ45 (LAN) In, IR In
Speaker		10W × 2ea

LG webOS
Smart Signage Platform

webOS is a web-based multipurpose platform in which a variety of web applications are deployed and implemented. It helps digital signage maximize interaction with customers by going beyond its conventional function of advertisement and information delivery, which ultimately serves as a partner to make your business thrive.

Built-in Player

Powered by high-performance SoCs, it plays content with superb video graphic performance, without the need for a PC. Eliminating the need to purchase peripherals and extra cost for maintenance makes installation simpler and reduces the TCO.
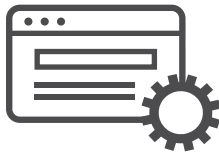
Web-Centric

Using the most common web programming languages, including HTML, JavaScript, and CSS offers familiarity when creating and adapting your applications for the webOS platform.
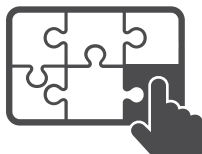
Simple Customization

Free from any constraints, you can simply add interactive applications or external sensors to webOS signage for a higher level of customer engagement.

Secured Communication

webOS ensures reliable communication between displays and web/data servers by supporting HTTPS and proxy servers.
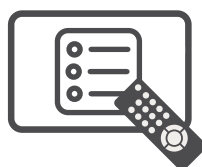
Content Management

webOS offers an embedded content management system equipped with an intuitive GUI, meaning that first-time users won't have to go through a complicated learning process to manage their displays.

Monitoring and Control

Users can control and monitor the status of multiple displays in different locations in real-time, which is also available on internet-connected mobile devices, allowing you to rapidly respond to emergent situations.

webOS Player

Even if you don't have an LG webOS-based signage or an old version of webOS signage, you can make full use of the benefit of webOS platforms by purchasing only a webOS player. The LG webOS player, WP400, upgrades your signage to webOS 4.0, allowing your old digital signage to perform its best.

webOS 4.0

WP400   WP400   WP400

webOS (old version)   Non-webOS

WP400

webOS Ver.	webOS 4.0
Player Dimension (W × H × D)	258 × 36.5 × 186 mm
Connectivity — Input	HDMI (2), DP, USB 2.0 (2)
Connectivity — Output	HDMI, DP (Daisy Chain Only)
Connectivity — External Control	RS232C In / Out, RJ45 In, IR In
Key Feature	UHD Playback, Embedded CMS, SuperSign Compatibility

To Become a Partner

http://webossignage.developer.lge.com/discover/webos-signage/how-join-webos-signage-developer-site/

LG is always on the success of our partners' business and keeps our minds open to achieve that success. The webOS Signage De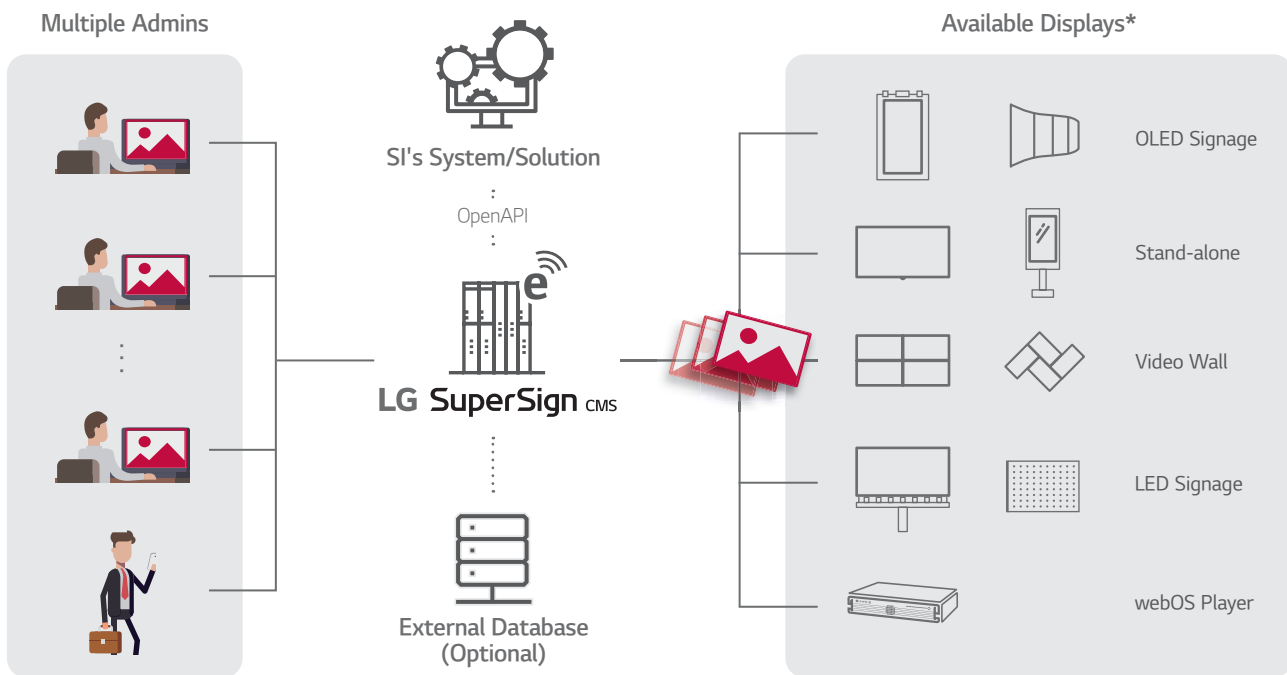veloper Site is a significant part of this. Once you become authorized as a webOS partner, you can not only download the essential sources such as SDK, SCAP libraries, or sample applications, but also get answers and technical support from LG.

LG SuperSign
Software Solution

SuperSign CMS

Versatile content management with enhanced usability

A variety of LG digital signages, whether stand-alone, outdoor, video walls, or LED signage, can be simultaneously connected and seamlessly managed by SuperSign CMS, with a single server. Administrators are free from the restraints of managing various display types and installation places, and they can operate an array of displays easily using a PC or mobile phone. Going a step further, SuperSign CMS offers OpenAPI, which allows system integrators to consolidate their solutions with SuperSign features and easily optimize them for LG digital signage, expanding the scope of its possible applications.

Multiple Admins

SI's System/Solution
OpenAPI
LG SuperSign CMS

External Database (Optional)

Available Displays*

OLED Signage
Stand-alone
Video Wall
LED Signage
webOS Player

No. of Displays	~ 50	~ 500	~ 1000
Server Construction	Single Server	Single Server	Single Server
Recommended OS	Windows 7, Windows 8.1, Windows 10	Windows 7, Windows 8.1 Windows 10, Windows Server 2012 R2, Windows Server 2016	Windows 7, Windows 8.1 Windows 10, Windows Server 2012 R2, Windows Server 2016
CPU	Intel Core 2 Duo (2.5 GHz) or higher	Intel i7 or higher	Intel XEON E5-2676 v3 8 Core or higher
Memory	4 GB or more	4 GB or more	4 GB or more
HDD	40 GB or more of free space	40 GB or more of free space	40 GB or more of free space
Network Bandwidth	100 Mbps or higher	100 Mbps or higher	100 Mbps or higher
Browser	Internet Explorer 10 or later Chrome 50 or later	Internet Explorer 10 or later Chrome 50 or later	Internet Explorer 10 or later Chrome 50 or later

* Support may differ by model series.

SuperSign Control+

Integrated Monitoring and Real-time Control

SuperSign Control+ is a remote control and monitoring software solution optimized for LG digital signage. It focuses on large scale deployment, supporting more than thousands of displays. Multiple accounts can access the SuperSign Control+ server via network to monitor the status of connected displays in real-time, control them, and adjust their setting values. As an ever-ready solution, it continuously monitors the status of displays and instantly sends out e-mail alerts to administrators when problems occur. Alerts and warnings can be customized according to various parameters such as power, fan and temperature as managers see fit.
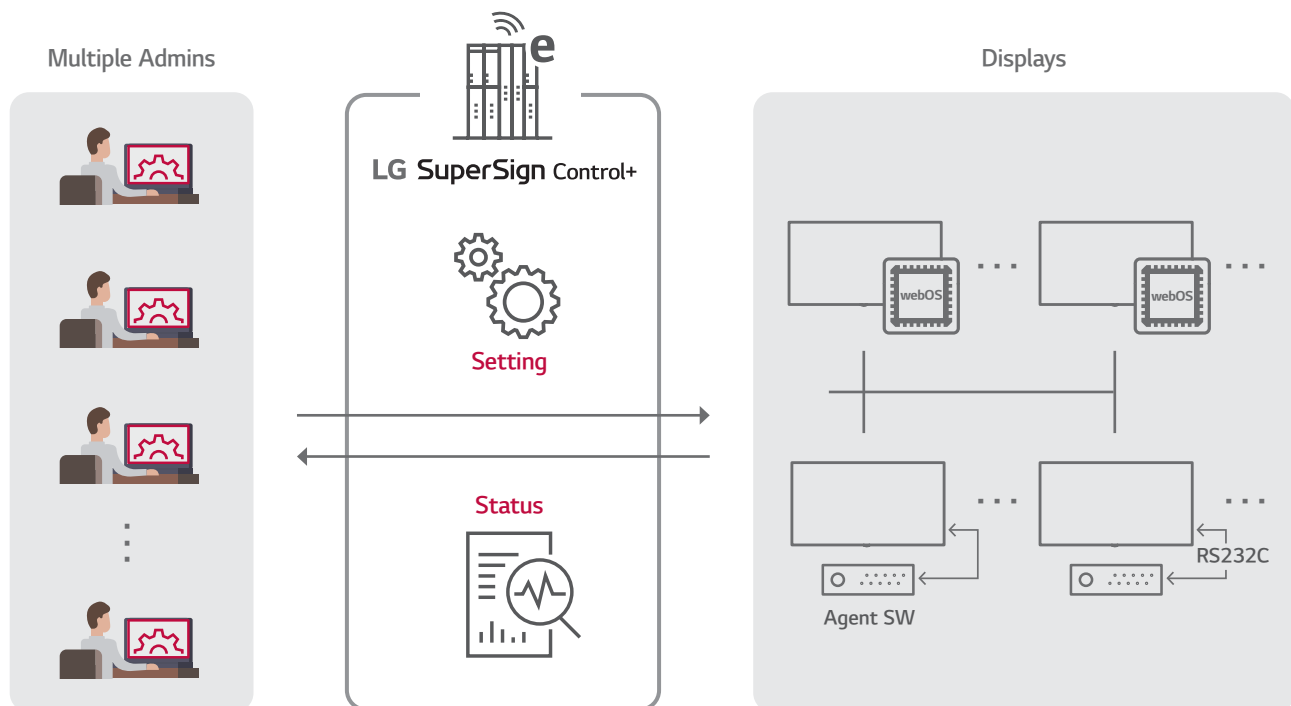
	SuperSign Control+ Manager	SuperSign Control+ Agent
Recommended OS	Windows 7 64bit Platform Windows 10 64bit Platform Windows Server 2012 R2 64bit Platform	Windows 7 Windows 10 Windows Server 2012 R2
CPU	Intel XEON E5-2676 v3 8 Core or higher	Intel Core 2 Duo (2.5 GHz) or higher
Memory	8 GB or more	4 GB or more
HDD	40 GB or more of free space	40 GB or more of free space
Network Bandwidth	100 Mbps or higher	100 Mbps or higher
Browser	Chrome 50 or later	N/A

LG SuperSign
Software Solution

SuperSign WB

Achieve Superb Color Consistency

Delivering stable and accurate color among connected displays is a key factor in determining the picture quality of a video wall. SuperSign WB adjusts the white balance to achieve this purpose by supporting camera and sensor calibration. Camera calibration lets users save time and manpower due to a simpler process than traditional sensor calibration, but it can recognize up to 3 × 3 layouts. So sensor calibration is recommended when a video wall layout has an irregular shape or is beyond 3 × 3 tiling.

Before Calibration

Camera Calibration   Sensor Calibration

LG SuperSign WB   LG SuperSign WB
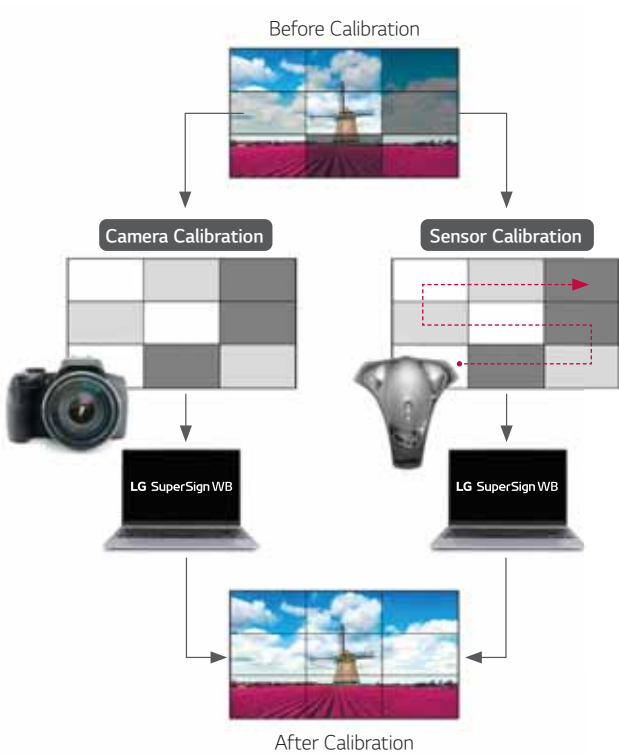
After Calibration

Camera Calibration

Camera	DSLR Camera, Nikon D5300, D5500, D5600
Lens	AF-S DX NIKKOR 18-55 mm F3.5-5.6G VR II
Tripod	Doesn't matter
USB	One available Camera to PC (USB) connect cable Recommended : USB extender cable 10M (32 feet)
RS232	One available RS232 to PC (USB) connect cable Recommended : RS232 Serial extender cable 10M (32 feet)

Sensor Calibration

Supported Models	Spyder 3/4/5, i1 Display Pro, ACB8300, CA210/310

• Camera calibration is restricted to video wall models in configurations of up to 3 × 3.

• For optimal calibration results, your camera and video wall must each be facing the front center of the other.

• Install your camera in a horizontal orientation. Positioning your camera vertically may cause monitor detection to fail, which will lead to improper calibration.

• Only video walls configured in a square formation can be calibrated. Irregularly installed video walls are not supported.

LG ConnectedCare™
Service

LG ConnectedCare

Real-time Monitoring and Fault Detection

Signage365Care is a cloud service solution for remotely managing the operating status of signage displays installed in client workplaces. Through this service, causes of the fault can be easily identified prior to onsite visit, which leads to less time and cost for troubleshooting, ensuring the stable operation of a client's business.

Monitoring

Client

Signage 365care

Status, Usage data (connection via internet)

Monitoring / Fault Detection

Operator (LG CS or SI)

Remote Diagnosis & Repair

webOS | webOS | webOS

Video wall | webOS Signage*

webOS | webOS | webOS

webOS Signage* | Media Player

Media Player

Branch A | **Branch B** | **Branch C**
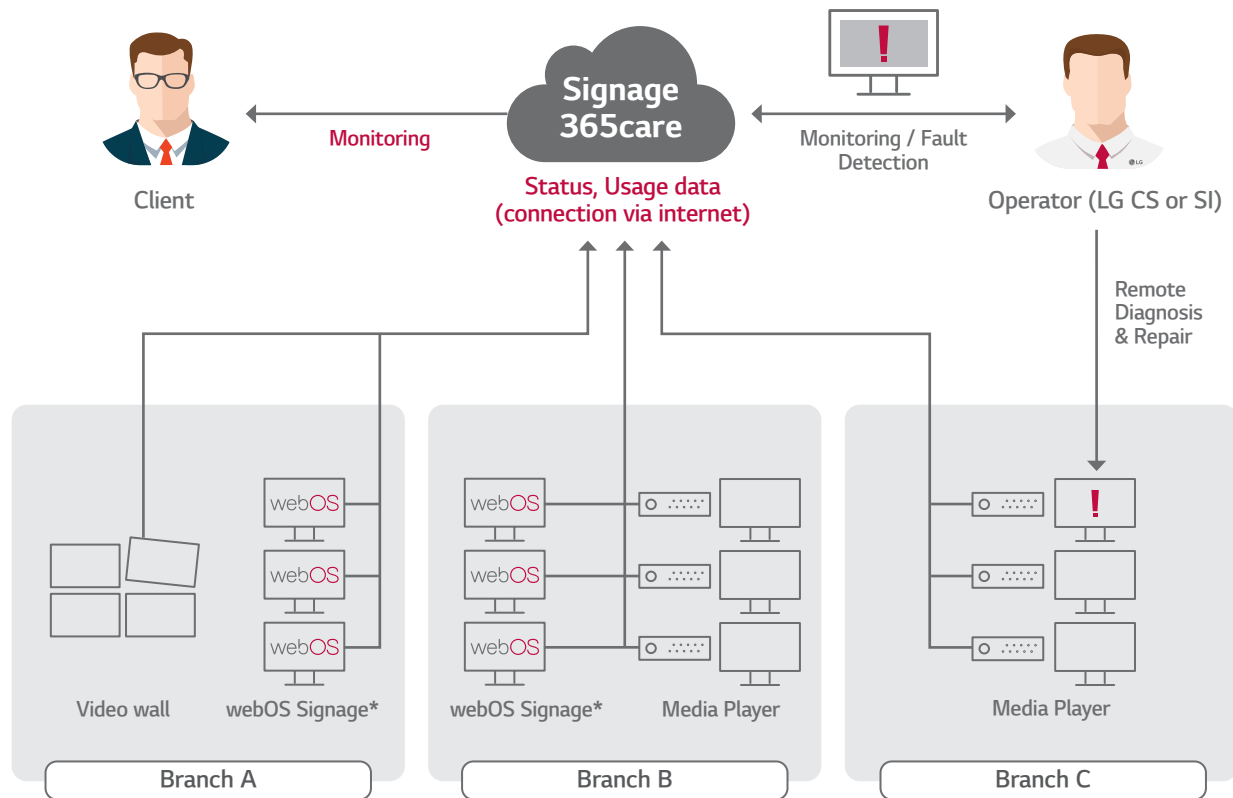
* The versions of webOS and displays supported are currently being expanded. For further details, please contact LG sales in your region.

LG ExtendedCare
Service

LG ExtendedCare

LG's true value begins after purchase. LG ExtendedCare plans offer you different levels of protection so that you can choose the perfect way to manage your digital signage.

Longer Warranty Brings You Relief

As digital displays become more advanced prices also increase. LG's extended warranty helps maintain your important asset in its best condition.

Problems Solved as Quickly as Possible

Our LG service team will reach you within Next Business Day depending on the coverage you select, thereby minimizing downtime and quickly getting things up and running again.

Leave It Up to Our Experts

Authorized and experienced LG service technicians will provide repair and reinstallation services so that you don't have to lift a finger.

* The information above is based on general standards. Please note that terms & conditions may vary from country to country.

LG ExtendedCare

White Glove Service with Quick Swap

Next Business Day Exchange

Authorized LG technicians will personally come to your location to exchange or deliver the product, providing an end-to-end service including deinstallation or reinstallation.

Quick Swap Service

Next Business Day Exchange

LG will ship replacement products for replacement directly to your location so that you can get your device up and running as soon as possible.
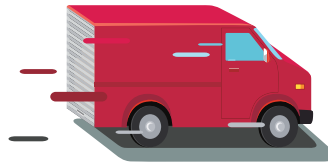
Extended Warranty Service

Up to 5 years

You can decide to add additional years to your existing warranty, to enjoy the fundamental care program provided by LG.

Term Option

Standard Monitor Signage

Date of Purchase	1 Year	2 Years	3 Years Standard Warranty	4 Years	5 Years

Extended **1 year**

Extended **2 years**
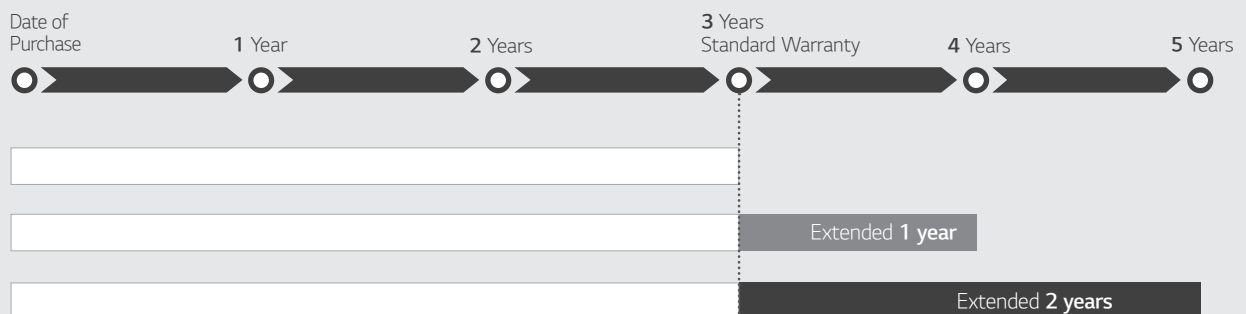
• With commercial TV 3 years can be added to the standard 2-year warranty to cover a maximum of up to 5 years.

* Replacement products may be new, reconditioned, refurbished or otherwise factory remanufactured
* The information above is based on general standards. Please note that terms & eligible products may vary from country to country.

Specifications

	Model	EW5TF	EW5F / EW5G	EJ5G
Panel	Screen Size	55	55	55
	Panel Technology	OLED	OLED	OLED
	Aspect Ratio	16 : 9		16:09
	Native Resolution	1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)
	Brightness (cd/m²)	150/400nit (APL 100%/25%, Without Glass)	150/400nit (APL 100%/25%, Without Glass)	150/400nit (APL 100%/25%) * Average Picture Level
	Contrast Ratio	150000 : 1	150000 : 1	150000 : 1
	Viewing Angle (H x V)	178 X 178	178 X 178	178 X 178
	Response Time	1ms (G to G)	1ms (G to G)	1ms(G to G)
	Life Time (Typ.)	30,000 Hrs (Typ.)	30,000 Hrs (Typ.)	30,000 Hrs
	Operation Hours	18/7 (Moving Content Only)	18/7 (Moving Content Only)	18Hrs/7days (Moving Video Only)
	Orientation	Portrait / Landscape	Portrait / Landscape	Portrait & Landscape
	Transparency	Yes		No
Connectivity	Input	HDMI (HDCP 1.4), DP (HDCP 1.3), USB 2.0 Type A, USB 2.0 Type A (Touch Control Board Only)	HDMI (HDCP 1.4) : EW5G, DP (HDCP 1.3), USB 2.0 Type A, (2)	HDMI, DP, USB 2.0 (2)
	Output	DP, Audio, USB 2.0 Type B (Touch USB)	DP, Audio, USB 2.0 Type B (Touch USB)	DP, Audio
	External Control	RS232C In/Out, RJ45 (LAN) In/Out, IR In (External IR Receiver)		RS232C In/out, RJ45 (LAN) In/out, IR In
Mechanical Specification	Bezel Color	Matt Silver	Mirror	Black
	Bezel Width	7.9 / 7.9 / 7.9 / 144.5 mm (T / R / L / B)	T/R/L/B : 7.9/7.9/7.9/121.7mm	Even Bezel : 0.9mm (Off Bezel) T/R/L/B : 5.3/11.0/5.3/5.3mm (On Bezel)
	Monitor Dimension (W x H x D)	1225.5 x 832.9 x 7.0mm (Head)	EW5F (1225.5 x 810.1 x 6.6mm (Head) 782.8 x 238.4 x 34.7mm (Signage Box)), EW5G (1225.5 x 810.1 x 4.9mm (Head))	LandScape: 1220.3 x 696.8 x 4.9mm (Head) * Signage Box : 782.8x 238.4 x 34.7mm
	Weight (Head)	14.6Kg	EW5F 13.9Kg (Head), 3.4Kg (Signage Box), EW5G 11.6Kg (Head), 3.4Kg (Signage Box)	6.6Kg (Head) 3.4Kg (Signage Box)
	Carton Dimensions (W x H x D)	1345 x 945 x 207mm	EW5F (1329 x 898 x 191mm), EW5G (1345 x 920 x 207mm)	1329 x 782 x 191mm
Key Features		Internal Memory (16GB), Temperature Sensor, FAN, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Video Tag (4), Rotation (Screen Rotation), Gapless Playback, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected (Network based control), PM Mode, Wake on LAN, HDMI-CEC(Compatibility may differ by equipment.), SI Server Setting, Pro:Idiom	Internal Memory (16 GB), Temperature Sensor, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (4), Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected (Network based control), PM Mode, Wake on LAN, HDMI-CEC(Compatibility may differ by equipment.), SI Server Setting, Pro:Idiom	Internal Memory (16 GB), Temperature Sensor, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (4), Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected (Network based control), Power (PM Mode, Wake on LAN), HDMI-CEC (Compatibility may differ by equipment), SI Server Setting, Pro:Idiom
Environmental Conditions	Operation Temperature	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C
	Operation Humidity	10 % to 80 %	10 % to 80 %	10 % to 80 %
Power	Power Supply	AC 100-240V~, 50/60Hz	AC 100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
	Consumption Typ. / Max.	250W/280W	250W/280W	309W / 318W
Software Compatibility	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control / Control+	SuperSign Control / Control+	SuperSign Control+ / Control
Certification	Safety	CB / NRTL	CB / NRTL	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	O (EU Only) / X	O (EU Only) / X	O / X
Touch	Available object size for touch	Ø12 mm ↑	N/A	N/A
	Reponse Time	120ms ↓	N/A	N/A
	Accuracy	3.5mm	N/A	N/A
	Interface	USB2.0	N/A	N/A
	Active Pen Interface	N/A	N/A	N/A
	Protection Glass Thickness	3.0T (Anti-Glare / Anti-Finger print)	N/A	N/A
	Protection Glass Transmission	84% (Typ.)	N/A	N/A
	Operating System Support	Windows 7 Professional, Windows 8.1, Windows 10	N/A	N/A
	Multi touch point	Max 10 Points	N/A	N/A
Protection Glass	Depth	3.0mm	3.0mm	3.0mm
	Tempered / Chemical strengthening	Yes	Yes	Yes
	Anti-Reflective	Yes	Yes	Yes
	Shatter-Proof	Yes	Yes	Yes

Model		EJ5E	EF5F / EF5G	EV5E
Panel	Screen Size	65	55	65
	Panel Technology	OLED		
	Aspect Ratio	16 : 9		
	Native Resolution	3,840 x 2,160 (UHD)	1,920 x 1,080 (FHD)	3,840 x 2,160 (UHD)
	Brightness (cd/m²)	150/400nit (APL 100%/25%) * Average Picture Level	150 / 400 nit (APL 100% / 25%)	150 / 400 nit (APL 100% / 25%)
	Contrast Ratio	150000 : 1	150,000 : 1	150000 : 1
	Viewing Angle (H x V)	178 X 178	178 x 178	178 x 178
	Response Time	1 ms (G to G)	1 ms (G to G)	1 ms (G to G)
	Life Time (Typ.)	30,000 Hrs	No	
	Operation Hours	12Hrs/7days (Moving Video Only)	18 / 7 (Moving Content Only)	12Hrs/7days (Moving Video Only)
	Orientation	Portrait & Landscape	Landscape & Portrait	Portrait
Connectivity	Input	HDMI, DP, USB 2.0 (2)	HDMI (HDCP 2.2), DP (HDCP 1.3), USB 2.0 Type A (2)	HDMI, DP, USB 2.0 (2)
	Output	DP, Audio	DP, Audio	DP, Audio
	External Control	RS232C In/out, RJ45 (LAN) In/out, IR In	RS232C In / Out, RJ45 In / Out, IR In (External IR Receiver)	RS232C In/out, RJ45 (LAN) In/out, IR In
Mechanical Specification	Bezel Color	Black	Black	Black
	Bezel Width	LandScape: 0.9 / 0.9 / 0.9 / 0.9mm (Off Bezel) LandScape: 8.1 / 8.3 / 8.3 / 10.7mm (On Bezel)	0.6 / 6.7 / 6.7 / 0.6 mm (Off Bezel) 5.0 / 7.6 / 7.6 / 10.6mm (Off Bezel)	(Off-bezel) 1.2 / 1.2 / 1.2 / 1.2mm (U/B/L/R) (On-bezel) 9.1 / 9.1 / 8.7 / 11.6mm (U/B/L/R) (Seam) 6.7mm
	Monitor Dimension (W x H x D)	LandScape: 1445.1 x 822.6 x 6.0mm (Head) * Signage Box : 782.8 x 35.5 x 239.0mm	1,224.9 x 696.2 x 38.0 mm (Head, w/ Pemnut) 1,224.9 x 696.2 x 12.4 mm (Head, w/o Pemnut) (Signage Box) 413 x 353 x 57.3mm	1,634.6 x 1,446.7 x 7.9mm (Head,1x2) 2,445.4 x 1,446.7 x 7.9mm (Head,1x3)
	Weight (Head)	13.5kg (SET) * Signage Box : (3.6kg)	6.6 kg (Signage Box) 3.5 kg	29.4kg (SET 1x2, w/ Signage Box) 44.5kg (SET 1x3, w/ Signage Box)
	Carton Dimensions (W x H x D)	1590 x 965 x 205mm	1940 x 1120 x 536mm (1x2)	1940 x 1120 x 536mm (1x2), 1940 x 1120 x 646mm (1x3)
	Packed Weight	23.4kg	69.6Kg (1x2, w/Pallet)	69.6Kg (1x2,w/Pallet) 96.0Kg (1x3, w/Pallet)
Key Features		Internal Memory (64GB), Temperature Sensor, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Fail Over, Content Sync (RS232C, Local Network), OSD Rotation, Tile Mode Setting, Setting Data Cloning, Firmware Update by Network, SNMP, ISM Mode, Control Manager, Crestron Connected®1), DPM, PM Mode, Wake on LAN, Power on Delay, HDMI-CEC2), SI Server Setting, webRTC	Internal Memory (64GB), Temperature Sensor, FAN, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (4), Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected (Network based control), PM Mode, Wake on LAN, HDMI-CEC (Compatibility may differ by equipment.), SI Server Setting, webRTC, Pro:Idiom	Internal Memory (64GB), Temperature Sensor, FAN, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (4), Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected (Network based control), PM Mode, Wake on LAN, SI Server Setting
Environmental Conditions	Operation Temperature	0 °C to 40 °C	0°C to 40°C	0°C to 40°C
	Operation Humidity	10 % to 80 %	10 % to 80 %	10% ~ 80%
Power	Power Supply	100-240V~, 50/60Hz	AC 100 - 240 V ~, 50 / 60 Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
	Consumption Typ. / Max.	440W (8 color bar) / 478W (8 color bar)	309 W / 318 W (Based on 8 color bar)	440 W *8 Color Bar Based/478 W *8 Color Bar Based
Software Compatibility	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control+ / Control	SuperSign Control+ / Control	SuperSign Control+ / Control
Certification	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	CB / NRTL	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	O / X	Yes (EU Only)	Yes (EU Only)

Specifications

	Model	XS4G	XF3C
Panel	Screen Size	75	75
	Panel Technology	IPS	IPS, M+ (WRGB)
	Aspect Ratio	16 : 9	
	Native Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Backlight Unit Type	Direct	
	Brightness (cd/m^2)	4,000nit (Typ), 3,200nit(Min)	Typ: 3000cd/m2, Min: 2400cd/m2
	Contrast Ratio	1200:1 (Typ)	1200:1 (Typ)
	Viewing Angle (H x V)	178 x 178	178 x 178
	Response Time	8ms (G to G)	8ms (G to G BW) typ.
	Surface Treatment (Haze)	3%	AGLR(Haze 3%), QWP
	Life Time (Typ.)	50,000 Hrs (Typ)	50,000 Hrs
	Orientation	Portrait / Landscape	Portrait & Landscape
Connectivity	Input	HDMI(2), DP, Audio, USB	HDMI (2), DP, DVI-D, Audio, USB, SD Card
	Output	DP, External Speaker (L/R)	DP, External Speaker
	External Control	RS232C In/Out, RJ45 In/Out, IR In	RS232C In/out, RJ45 In, IR
Mechanical Specification	Bezel Color	Black	Black
	Bezel Width	Even bezel : 13.8mm	Even bezel : 11.8mm
	Monitor Dimension (W x H x D)	1,679.2 x 957.6 x 104mm	1,675.2 x 953.6 x 123.9mm
	Weight (Head)	39.6 kg	36.7Kg
	Carton Dimensions (W x H x D)	1,816 x 1,106 x 285mm	1,816mm x1,106mm x 285mm
	Packed Weight	39.6 kg	46.3Kg
	Handle	Yes	Yes
	VESA	600 x 400	NA
Key Features		Internal Memory (16 GB), Built In Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB Plug & Play, Embedded CMS (Local Contents Scheduling), Sync Mode (RS-232C Sync, Local Network Sync), Rotation (Screen Rotation, External Input Rotation), Tile Mode Setting (Max. 15 × 15),SNMP, ISM Method, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC)	Temperature Sensor, Cooling Fan, Auto Brightness Sensor, Energy Saving, Smart Energy Saving, Tile Mode (up to 15 x 15), Natural Mode@Tile Mode, Source Selection, Brightness/Contrast/Backlight, DPM Select, File Play with USB, Internal Memory (8GB, System 4GB + Available 4GB), Wi-Fi Dongle Ready
Environmental Conditions	Operation Temperature	0 °C to 40°C (w/o Direct Sunlight, Direct Sunlight in Cooling System)	0℃ to 50℃
		0 °C to 30°C (Direct Sunlight)	
	Operation Humidity	10 % to 80 %	10% to 85%
Power	Power Supply	AC 100-240V~, 50/60Hz	100-240 V~, 50/60 Hz
	Power Type	Built-in Power	Built-In Power
	Consumption Typ. / Max.	750 W / 790 W	660 W / 695 W
Media Player Compatibility	OPS Type Compatible	No	No
	External Media Player Attachable	No	No
Software Compatibility	Content Management Software	SuperSign CMS	
	Control and Monitoring Software	SuperSign Control+	SuperSign Control+ / Control
Certification	Safety	CB / NRTL	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC / VCCI	FCC Class "A" / CE / KC / VCCI

Model		XE4F		XF3E	
Panel	Screen Size	55	49	55	49
	Panel Technology	IPS, M+ (WRGB)			
	Aspect Ratio	16 : 9			
	Native Resolution	1,920 × 1,080 (FHD)		1,920 × 1,080 (FHD)	
	Backlight Unit Type	Direct			
	Brightness (cd/m²)	4,000nit (Typ), 3,200nit(Min)		Min: 2400cd/m2, Typ: 3000cd/m²	
	Contrast Ratio	1,000:1	1,300:1	1,000:1	1,300:1(typ.)
	Viewing Angle (H x V)	178 x 178		178 x 178	
	Response Time	9ms (G to G BW) Typ.	8ms (G to G BW) Typ.	9ms (G to G BW) Typ.	8ms (G to G BW) Typ.
	Surface Treatment (Haze)	3%		AGLR(Haze 3%), QWP	
	Life Time (Typ.)	50,000 Hrs (Typ)		50,000 Hrs	
	Orientation	Portrait / Landscape		Portrait & Landscape	
Connectivity	Input	HDMI (2, HDCP 2.2), DP (HDCP 2.2), USB 2.0 Type A (2)		HDMI(2), DP, DVI-D, Audio, USB	
	Output	External Speaker Out (L/R, 10W + 10W)		DP, External Speaker Out (L/R)	
	External Control	RS232C In (4 Pin Phone Jack) / Out , RJ45 (LAN) In (2 - Lan, HDbaseT) / Out		RS232C In/Out, RJ45 In, IR Receiver In, Pixel Sensor In	
Mechanical Specification	Bezel Width	38.4/26/26/38.4mm		9.9mm(L/R),12mm(T/B)	6.5mm(L/R), 9mm(T/B)
	Monitor Dimension (W x H x D)	1292.5 x 737.4 x 88.0mm	1153 x 656.2 x 88.0mm	1235.5mm x 709.4mm x 106.8mm	1092.7mm x 626.4mm x 105mm
	Weight (Head)	40Kg	32Kg	26.5kg	21.5kg
	Carton Dimensions (W x H x D)	1446 x 890 x 207mm	1287 x 797 x 207mm	1344mm x 236mm x 820mm	1195mm x 196mm x 760mm
	Packed Weight	46Kg	37Kg	32.25kg	26.2kg
	Handle	NA		Yes	
	VESA	NA		600 x 400	
Key Features		Internal Memory (16 GB), Temperature Sensor, Auto Brightness Sensor, Pixel Sensor, BLU Sensor, Humidity Sensor, Acceleration (Gyro) Sensor, Power Indicator, FAN, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync, Backlight Sync), Multi-screen (PIP, PBP (2)), Video Tag (4), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN (LAN In / HDbaseT Port), HDMI-CEC2), SI Server Setting, webRTC, Pro:Idiom		Temperature Sensor, Cooling Fan, Auto Brightness Sensor, Energy Saving, Smart Energy Saving, Tile Mode (up to 15 x 15), Natural Mode@Tile Mode, Source Selection, Brightness/Contrast/Backlight, DPM Select, File Play with USB, Internal Memory (8GB, System 4GB + Available 4GB), Wi-Fi Dongle Ready	
Environmental Conditions	Operation Temperature	-30°C to 50 °C		0 °C to 50 °C (w/o Direct Sunlight, Direct Sunlight in Cooling System) 0 °C to 40 °C (Direct Sunlight)	
	Operation Humidity	5 % to 100 %		10 % to 80 %	
Power	Power Supply	AC 100-240V~, 50/60Hz		100-240V~, 50/60Hz	
	Power Type	Built-In Power		Built-In Power	
	Consumption Typ. / Max.	330 W / 400 W	300 W / 350 W	250 W / 300 W	250 W / 2900 W
Software Compatibility	Content Management Software	SuperSign CMS			
	Control and Monitoring Software	SuperSign Control / Control+, Signage365Care3)		SuperSign Control+ / Control	
Certification	Safety	CB / NRTL		IEC 60950-1 / EN 60950-1 / UL 60950-1	
	EMC	FCC Class "A" / CE / KC / VCCI		FCC Class "A" / CE / KC	

Specifications

	Model	TN3F	TR3BF		
Panel	Screen Size	86	86	75	65
	Panel Technology	IPS	IPS		
	Aspect Ratio	16 : 9	16 : 9		
	Native Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)		
	Backlight Unit Type	Edge	Direct		
	Brightness (cd/m²)	360nit (wo Glass typ), 310nit (wo Glass, min), 330nit (w Glass typ), 280nit (w Glass min)	360nit (wo Glass typ), 310nit (wo Glass, min) 330nit (w Glass typ), 280nit (w Glass min)		380nit (wo Glass typ), 330nit (wo Glass, min), 350nit (w Glass, typ), 300nit (w Glass min)
	Contrast Ratio	1000:1	1,100:1		1,200:1
	Viewing Angle (H x V)	178 X 178	176 x 176		
	Response Time	8ms (GtoG)	8ms (GtoG)		9ms (GtoG)
	Life Time (Typ.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)		
	Operation Hours	16/7 Hr	16/7 Hr		
	Orientation	Landscape	Landscape		
Connectivity	Input	HDMI (3), DP, DVI-D,	HDMI (3), RGB / Audio In		
	USB	USB 2.0 (2), USB Type C(USB2.0), Touch Out(USB2.0,B Type)(2)	USB 2.0 (3, Front : 2ea, Bottom side: 1ea, Only for software update), USB 3.0 (3), Touch Out(USB2.0, B Type) (2)		
	External Control	RS232C In/Out	RS232C In, RJ45		
Mechanical Specification	Bezel Color	Black	Black		
	Bezel Width	(T/L/R/B) set: 28.8mm	Top/Right/Left:17.7mm, Bottom:45.7mm		
	Monitor Dimension (W x H x D)	1952.6 X 1164.1 X 86.4mm	1,957×1,160×86mm	1709 x 1020 x 86mm	1488 x 897 x 86mm
	Weight (Head)	66.7Kg	67kg	53Kg	40kg
	Carton Dimensions (W x H x D)	2190 X 1470 X 371mm	2,230×1,499×285mm	1950 x 1266 x 285mm	1700 x 1175 x 250mm
	Handle	Yes	Yes	Yes	Yes
	VESA	600 X 400	800 x 600	800 x 400	
Key Features		Internal Memory (16GB), SoC (Hisi 811, Dual core A73+Dual core A53), DDR(3GB), Wi-Fi(Built-in, Slot type), Power Indicator, Local Key Operation(1, Power button), OS -Android 8.0			
Environmental Conditions	Operation Temperature	0 °C to 40 °C	0 °C to 40 °C		
	Operation Humidity	10 % to 80 %	10 % to 80 %		
Power	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz		
	Power Type	Built-In Power	Built-In Power		
	Consumption Typ. / Max.	360W / 420W	365W / 420W	175 W /294 W	145 W/ 275 W
Software Compatibility	Content Management Software	SuperSign CMS	NA		
	Control and Monitoring Software	SuperSign Control / Control+	NA		
Certification	Safety	CB / NRTL	UL / cUL / CB		
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE		
	ErP /	Yes	Yes		
Touch	Available object size for touch	Ø5 mm ↑ (Active Pen: Ø 2mm ↑)	Ø3 mm ↑		
	Reponse Time	70ms ↓	60ms ↓ (Android) 100ms ↓ (Windows)		
	Accuracy	±1.5mm	±1.5mm		
	Interface	USB2.0	USB2.0		
	Active Pen Interface	UPF 2.0(Wacom)	NA		
	Protection Glass Thickness	1.85T (Anti-Glare)	4T (Anti-Glare)		
	Protection Glass Transmission	88%	87%		
	Operating System Support	Win10,Win8., Win7 Professional	Windows 7/8/10/WindowsXP/Linux/Mac/Android (WindowsXP/Linux/Mac Support one point touch)		
	Multi touch point	Finger : Max 20 Point (Windows) Finger: Max 10Point (webOS) Active Pen : Max 2 Point	Max 20 Points		
Protection Glass	Depth	NA	NA		
	Degree of Protection	NA	NA		
	Tempered / Chemical strengthening	NA	NA		
	Anti-Reflective	NA	NA		
	Infrared - Resistance (IR)	NA	NA		
	Shatter-Proof	NA	NA		

Model	TC3D		TA3E			
Panel Screen Size	75	55	55	49	43	32
Panel Technology	IPS					
Aspect Ratio	16 : 9					
Native Resolution	3,840 x 2,160 (UHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)			
Backlight Unit Type	Direct		Edge			
Brightness (cd/m²)	500cd/m²	450cd/m²	450cd/m2 (w/Glass 325cd/m²)			400cd/m²
Contrast Ratio	1,200:1	1,100:1	1,100:1			
Viewing Angle (H x V)	178 x 178		176 X 176			
Response Time	6ms(G to G)	12ms(G to G BW)	12ms(G to G BW), 9.0ms(WOT)			10ms(G to G BW), 7.1ms(WOT)
Life Time (Typ.)	50,000 Hrs (Typ.)					
Operation Hours	24/7 Hr		24/7 Hr			
Orientation	Portrait & Landscape		Portrait & Landscape			
Connectivity Input	HDMI (3), DP, DVI-D, RGB, Audio, USB 3.0, USB 2.0, OPS USB 2.0		HDMI (2), DP, DVI-D, RGB, Audio In, USB 3.0			
USB	Touch USB 2.0 (2)		DP, Audio Out			
External Control	RS232C In/out, RJ45 In		RS232C In/out, RJ45 In, IR Receiver In, Pixer Sensor In			
Mechanical Specification Bezel Color	Black		Black			
Bezel Width	41.6mm	31.6 / 32.3mm / 32.3mm / 37.7mm(T/L/R/B)	32.7mm (Even)			
Monitor Dimension (W x H x D)	1,760.9 x 1011.1 x 69.7 (w/o Handle)	1,276.4 x 751.9 x 63.9	1,278 x 748.8 x 71.4mm	1,142.2 x 672.4 x 71.4 mm	1,009.6 x 597.8 x 71.4 mm	768.4 x 462.9 x 74.5mm
Weight (Head)	74.5Kg	30.1 kg	28.0 kg	22.3 kg	17.1 kg	10.3 kg
Carton Dimensions (W x H x D)	1,870 x 1,264 x 285 (with pallet)	1,369 x 890 x 210	1,410 x 880 x 207mm	1,260 x 785 x 162mm	1,122 x 720 x 162mm	852 x 560 x 152mm
VESA	600 x 400	300 x 300	300 x 300		200 x 200	
Key Features	webOS 3.0+, Embedded IDB App, Crestron Connected (Network Based Control), Mirroring, Soft AP, Beacon, Reader Mode, Auto Brightness Sensor, Internal Memory (64GB, System 8GB),Temperature Sensor, ISM Method, DPM Select, Brightness Control, PM Mode, Wake on LAN, Energy Saving, File Play with USB, 2 PIP/PBP, Built-in Wi-Fi (802.11n Combo), USB Cloning, Failover, No Signal Image		Temperature Sensor, Auto Brightness Sensor, Tile Mode (Up to 15x15), Natural Mode @Tile Mode, ISM Method, DPM Select, Energy Saving, Smart Energy Saving, File Play with USB, PIP/PBP (2), Internal Memory 8GB (System 4GB + Available 4GB), Wi-Fi Built-in (802.11n combo), USB Cloning, Easy Brightness Control, IDB App. (Whiteboard App.), Fail Over, Mirroring, SoftAP, Beacon, Embedded Template, Built-in Speaker (10W+10W), Crestron Connected®**			
Environmental Conditions Operation Temperature	0 °C to 40 °C		0°C to 40°C			
Operation Humidity	10 % to 80 %		10% to 80%			
Power Power Supply	100-240V~, 50/60Hz		Built-In Power			
Power Type	Built-In Power		100-240V~, 50/60Hz			
Consumption Typ. / Max.	170 W / 240 W	70 W /100 W	100 W / 115 W	85 W / 105 W	75 W / 95 W	60 W / 85 W
Software Compatibility Content Management Software	SuperSign CMS		SuperSign CMS			
Control and Monitoring Software	SuperSign Control+ / Control		SuperSign Control+ / Control			
Certification Safety	UL / cUL / CB / TUV / KC		UL / cUL / CB / TUV / KC			
EMC	FCC Class "A" / CE / KC		FCC Class "A" / CE / KCC			
ErP /	No		N/A / Yes (EnergyStar 7.0			
Touch Available object size for touch	Ø6 mm ↑		Ø4 mm ↑			
Reponse Time	10 ms ↓		10 ms ↓			
Accuracy	2mm		2mm ↓			
Interface	USB 2.0		USB 2.0			
Protection Glass Thickness	4T (Anti-Glare)	3.2T (Anti-Glare)	2.8T (Anti-Glare)			
Protection Glass Transmission	83% (Typ)		85% ↑			
Operating System Support	Win 7 Pro, Win 8.x, Win 10		Windows 7, Windows 8/8.1/10 / Mac OS X (10.9 over)			
Multi touch point	Max 40 Points (Need to support by windows applications.)		Max 10 Point			

Specifications

	Model	SVH7F	SVM5F-H	VH7E	VH7E-H	VH7E
Panel	Screen Size	55	55	55	55	49
	Panel Technology	IPS	IPS	IPS		
	Aspect Ratio	16 : 9				
	Native Resolution	1,920 X 1,080 (FHD)	1,920 X 1,080 (FHD)	1,920 X 1,080 (FHD)		
	Backlight Unit Type	Direct	Direct	Direct		
	Brightness (cd/m²)	700nit (Typ.)	500nit	700nit		
	Contrast Ratio	1,200:1	1,100:1	1,400:1	1,200:1	1,300:1
	Viewing Angle (H x V)	178 X 178	176 x 176	176 x 176		
	Response Time	8ms (G to G)	8ms (G to G)	8ms (G to G)		
	Surface Treatment (Haze)	3%	28%	3%	44%	3%
	Life Time (Typ.)	60,000Hrs (Typ.) / 50,000Hrs (Min.)	50,000Hrs (Min)	50,000Hrs (Min)		
	Operation Hours	24/7 Hr	24/7 Hr	24/7 Hr		
	Orientation	Portrait / Landscape	Portrait / Landscape	Portrait / Landscape		
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB	HDMI (2), DP, DVI-D, Audio, USB 2.0	HDMI (2), DP, DVI-D, Audio, USB 2.0		
	Output	DP, Audio	DP, Audio	DP, Audio		
	External Control	RS232C In/out, RJ45 (LAN) In/out, IR In	RS232C In/out, RJ45 (LAN) In/out, IR In	RS232C In/out, RJ45(LAN) In/out, IR In		
Mechanical Specification	Bezel Color	Black	Black	Black		
	Bezel Width	Even bezel : 0.44mm	Even bezel : 0.44mm	Even bezel : 0.9mm		
	Monitor Dimension (W x H x D)	1,210.51 x 681.22 x 86.5mm	1,210.51 x 681.22 x 86.5mm	1211.4 x 682.2 x 86.5mm	1211.4 x 682.2 x 86.5mm	1075.6 x 605.8 x 86.2mm
	Weight (Head)	16.8 kg	16.8 kg	18.6Kg	18.6Kg	17.5Kg
	Carton Dimensions (W x H x D)	1,353 x 855 x 263mm	1,353 x 855 x 263mm	1353 x 855 x 263mm	1353 x 855 x 263mm	1214 x 775 x 263mm
	Packed Weight	23.6 kg	23.6 kg	25.3Kg	25.3Kg	23.2Kg
	Handle	Yes	Yes	Yes		
	VESA	600 x 400	600 x 400	600 x 400		
Key Features		Internal Memory (8 GB), Temperature Sensor, Current Sensor, BLU Sensor, Local Key Operation, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (2), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected®2), Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC3), SI Server Setting, webRTC, Pro:Idiom, W/B Setting by Grey Scale, Scan Inversion		Internal Memory (8 GB), Temperature Sensor, Current Sensor, Local Key Operation webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (2), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected 2), Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC3), SI Server Setting, webRTC, Pro:Idiom, W/B Setting by Grey Scale, Scan Inversion		
Environmental Conditions	Operation Temperature	0 °C to 40 °C	0°C to 40°C	0 °C to 40 °C		
	Operation Humidity	10 % to 80 %	10 % to 80 %	10 % to 80 %		
Power	Power Supply	AC 100 - 240 V ~, 50 / 60 Hz	100-240V~, 50/60Hz	AC 100-240V~, 50/60Hz		
	Power Type	Built-In Power	Built-In Power	Built-In Power		
	Consumption Typ. / Max.	210 W / 250 W	200W / 250W	220W/260W	220W/260W	150W/180W
Media Player Compatibility	OPS Type Compatible	Yes	Yes (Piggyback)	Yes (Piggyback)		
Software Compatibility	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS		
	Control and Monitoring Software	SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Signage365Care4)	SuperSign Control / Control+, Signage 365 care	SuperSign Control / Control+, Signage 365 care		
Certification	Safety	CB / NRTL	CB / NRTL	CB / NRTL		
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC		
	ErP	Yes (EU Only)	O (EU Only) / Energy Star 8.0	O (EU Only) / X	O (EU Only) / X	O (EU Only) / Energy Star 8.0
Special Feature	Tilt (Facedown)	NA	NA	NA		
	IP Rating	NA	NA	NA		

Model		VM5E	VL5PF
Panel	Screen Size	55	49
	Panel Technology	IPS	IPS
	Aspect Ratio	16 : 9	
	Native Resolution	1,920 X 1,080 (FHD)	1920 x 1080 (FHD)
	Backlight Unit Type	Direct	Direct
	Brightness (cd/m^2)	500nit	450nit
	Contrast Ratio	1,400:1	1,300:1
	Viewing Angle (H x V)	176 x 176	176 x 176
	Response Time	8ms (G to G)	8ms (G to G)
	Surface Treatment (Haze)	3%	0.03
	Life Time (Typ.)	50,000Hrs (Min)	60,000Hrs (Typ.) / 50,000Hrs (Min.)
	Operation Hours	24/7 Hr	24/7 hr
	Orientation	Portrait / Landscape	Portrait / Landscape
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB 2.0	HDMI, DP, DVI-D, RGB, Audio, USB 3.0 Type A
	Output	DP, Audio	DP, Audio
	External Control	RS232C In/out, RJ45 (LAN) In/out, IR In	RS232C In / Out, RJ45 In / Out, IR In
Mechanical Specification	Bezel Color	Black	Black
	Bezel Width	Even bezel : 0.9mm	2.25mm (T/L) / 1.25mm (R/B)
	Monitor Dimension (W x H x D)	1211.4 x 682.2 x 86.5mm	1,077.6 × 607.8 × 89.7mm
	Weight (Head)	18.6Kg	17.8Kg
	Carton Dimensions (W x H x D)	1353 x 855 x 263mm	1214 x 778 x 263mm
	Packed Weight	25.3Kg	22.8Kg
	Handle	Yes	Yes
	VESA	600 x 400	600 x 400
Key Features		Internal Memory (8 GB), Temperature Sensor, Current Sensor, Local Key Operation, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (2), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected 2), Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC3), SI Server Setting, webRTC, Pro:Idiom, W/B Setting by Grey Scale, Scan Inversion	Internal Memory (8 GB), Temperature Sensor, webOS 3.0+, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (2, not support audio mute), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected 2), Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC3), SI Server Setting, webRTC
Environmental Conditions	Operation Temperature	0 °C to 40 °C	0 °C to 40 °C
	Operation Humidity	10 % to 80 %	10 % to 80 %
Power	Power Supply	AC 100-240V~, 50/60Hz	AC 100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power
	Consumption Typ. / Max.	160 W / 180 W	90 W / 110 W
Media Player Compatibility	OPS Type Compatible	Yes (Piggyback)	No
Software Compatibility	Content Management Software	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control / Control+, Signage 365 care	SuperSign Control / Control+, Signage 365 care
Certification	Safety	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	O (EU Only) / Energy Star 8.0	O (EU Only) / Energy Star 8.0
Special Feature	Tilt (Facedown)	NA	NA
	IP Rating	NA	NA

Specifications

Model		VL7F	VL5F	
Panel	Screen Size	55	55	49
	Panel Technology	IPS	IPS	
	Aspect Ratio	16 : 9	16 : 9	
	Native Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)	
	Backlight Unit Type	Direct	Direct	
	Brightness (cd/m²)	700nit	500nit	450nit
	Contrast Ratio	1,200:1	1,200:1	1,300:1
	Viewing Angle (H x V)	176 x 176	176 x 176	
	Response Time	8ms (G to G)	8 ms (G to G)	
	Surface Treatment (Haze)	3%	3%	
	Life Time (Typ.)	60,000Hrs (Typ.) / 50,000Hrs (Min.)	60,000Hrs (Typ.)	
	Operation Hours	24/7 Hr	24/7 Hr	
	Orientation	Portrait / Landscape	Portrait / Landscape	
Connectivity	Input	HDMI(2), DP, DVI-D, Audio, USB	55" (HDMI (2), DP, DVI-D, Audio, USB 2.0 Type A), 49" (HDMI/DP/DVI-D/RGB/USB/ RS232C/ RJ45/ Audio/ IR)	
	Output	DP, Audio	DP, Audio	
	External Control	RS232C In/out, RJ45(LAN) In, IR In	RS232C In / Out, RJ45 (LAN) In, IR In	
Mechanical Specification	Bezel Color	Black	Black	
	Bezel Width	2.25 mm (T/L) / 1.25 mm(B/R)	2.25 mm (T/L) / 1.25 mm (R/B)	
	Monitor Dimension (W x H x D)	1,213.4 x 684.2 x 93.1mm	T/R/L/B : 2.25/1.25/2.25/1.25mm	1,077.6 × 607.8 × 89.7 mm
	Weight (Head)	20.3 kg	20.3Kg	17.8 kg
	Carton Dimensions (W x H x D)	1,353 x 980 x 263mm	1353 x 980 x 263mm	1214 x 778 x 263mm
	Packed Weight	33 kg	33Kg	22.8Kg
	Handle	Yes	Yes	
	VESA	600 x 400	600 x 400	
Key Features		Temperature Sensor, FAN (Only 55"), Embedded CMS (Local Contents Scheduling), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync), Rotation (Screen Rotation), Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Crestron Connected 2), Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC3), SI Server Setting, W/B Setting by Grey Scale, Scan Inversion	Temperature Sensor, Embedded CMS (Local Contents Scheduling), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync), Rotation (Screen Rotation), Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Crestron Connected 2), Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC3), SI Server Setting, W/B Setting by Grey Scale, Scan Inversion	
Environmental Conditions	Operation Temperature	0 °C to 40 °C	0 °C to 40 °C	
	Operation Humidity	10 % to 80 %	10 % to 80 %	
Power	Power Supply	AC 100-240V~, 50/60Hz	AC 100-240V~, 50/60Hz	
	Power Type	Built-In Power	Built-In Power	
	Consumption Typ. / Max.	165 W / 195 W	130 W / 150 W	90 W / 110 W
Media Player Compatibility	OPS Type Compatible	No	No	
	External Media Player Attachable	NA	No	
Software Compatibility	Content Management Software	SuperSign CMS	SuperSign CMS	
	Control and Monitoring Software	SuperSign Control / Control+, Signage 365 care	SuperSign Control / Control+, Signage 365 care	
Certification	Safety	CB / NRTL	CB / NRTL	
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	
	ErP / Energy Star	O (EU Only) / Energy Star 8.0	O (EU Only) / Energy Star 8.0	
Special Feature	Tilt (Facedown)	NA	NA	
	IP Rating	NA	NA	

Model	BH7F	BH5F
Panel Screen Size	88	86
Panel Technology	IPS	IPS
Aspect Ratio	32 : 9	54 : 9
Native Resolution	3840 x 1080	3840 x 600
Backlight Unit Type	Direct	Direct
Brightness (cd/m²)	700nit (Typ.)	500nit
Contrast Ratio	1,100:1	1,100:1
Viewing Angle (H x V)	178 X 178	178 X 178
Response Time	8ms (G to G)	8ms (G to G)
Surface Treatment (Haze)	3%	10%
Life Time (Typ.)	50,000Hrs (Typ.)	50,000Hrs (Typ.)
Operation Hours	24/7	24/7
Orientation	Portrait / Landscape	Portrait / Landscape
Connectivity Input	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)	HDMI (3 HDCP 2.2), DP (HDCP 2.2), DVI-D (HDCP 1.4), Audio, USB 2.0 Type A (2)
Output	DP, Audio	DP, Audio
External Control	RS232C In/Out, RJ45 (LAN) In/Out, IR In	RS232C In / Out, RJ45 (LAN) In / Out, IR In
Mechanical Specification Bezel Color	Black	Black
Bezel Width	4.4 mm (L/R), 5.9 mm (T/B)	4.4 mm (R/L), 5.9 mm (T/B)
Monitor Dimension (W x H x D)	2,158.3 x 611.2 x 84.8 mm	2,158.3 x 348.5 x 81.7 mm
Weight (Head)	33.9 kg	20.5 kg
Carton Dimensions (W x H x D)	2,274 x 717 x 212 mm	2290 x 599 x 228mm
Packed Weight	51.7 kg	38.2Kg
Handle	Yes	Yes
VESA	600 x 400	600 x 200
Key Features	Internal Memory 8GB(System 4GB, Available 4GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, USB Plug & Play, Local Contents Scheduling, Group Manager, Failover, Background Image (Booting Logo, No Signal), Sync Mode (RS-232C/Local Network), PBP(4), Screen Rotation, External Input Rotation, Tile Mode Setting (Max. 15×15), Setting Data Cloning, Crestron Connected 1), Control Manager, Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC2), webRTC, SI Server Setting	Internal Memory (8GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, Local Key Operation, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Multi-Screen (PBP (4)), Rotation (Screen Rotation, External Input Rotation), Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected 2), Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC3), webRTC
Environmental Conditions Operation Temperature	0 °C to 40 °C	0 °C to 40 °C
Operation Humidity	10 % to 80 %	10 % to 80 %
Power Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz
Power Type	Built-In Power	Built-In Power
Consumption Typ. / Max.	450 W / 530 W	220 W / 240 W
Media Player Compatibility OPS Type Compatible	Yes (Piggyback)	Yes (Piggyback)
Software Compatibility Content Management Software	SuperSign CMS	N/A
Control and Monitoring Software	SuperSign Control/ Control+, signage 365 Care	SuperSign Control/ Control+, signage 365 Care
Certification Safety	CB, NRTL	CB, NRTL
EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
ErP / Energy Star	Yes (EU Only) / No	Yes (EU Only) / No
Special Feature Tilt (Facedown)	NA	IP5X
IP Rating	NA	NA

Specifications

	Model	UH7F-H			UH5F-H						
	Screen Size	65	55	49	98	86	75	65	55	49	43
Panel	Panel Technology	IPS			IPS						
	Aspect Ratio	16 : 9			16 : 9						
	Native Resolution	3,840 x 2,160 (UHD)			3,840 x 2,160 (UHD)						
	Backlight Unit Type	Edge			Direct	Edge					
	Brightness (cd/m²)	700nit			500nit						
	Contrast Ratio	1,100:1			1,200:1	1,100:1					
	Viewing Angle (H x V)	178 x 178			178 x 178						
	Response Time	8ms (G to G)			8ms (G to G)		6ms (G to G)	8ms (G to G)			
	Surface Treatment (Haze)	Haze 28%			Haze 28%						
	Life Time (Typ.)	50,000 Hrs			50,000 Hrs						
	Operation Hours	24 Hrs			24 Hrs						
	Orientation	Landscape & Portrait			Landscape & Portrait						
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB 2.0			HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)			HDMI (3), DP, DVI-D, Audio, USB 2.0			
	Output	DP, Audio (Off/Fixed/Variable),			DP, Audio						
	External Control	RS232C In/Out, RJ45 (LAN) In, IR In			RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In						
Mechanical Specification	Bezel Color	Black			Black						
	Bezel Width	9.9mm(T/R/L), 14.4mm(B)			Even bezel: 14.9mm	Even Bezel: 14.3mm	Even Bezel: 14.9mm	T/R/L: 9.9mm, B: 14.4mm	T/R/L: 9.9mm, B: 14.4mm	T/R/L: 9.9mm, B: 14.4mm	T/R/L: 8.4mm, B: 14.4mm
	Monitor Dimension (W x H x D)	1,453.3mm x 844mm x 39.9mm	1,234.4mm x 720.9mm x 39.9mm	1,098.6mm x 644.5mm x 39.9mm	2191.8 x 1246.8 x 83.8mm (without Handle and LG Logo)	1926.2mm x 1097.2mm x 60.6mm (without handle)	1682.4mm x 960.3mm x 57.9mm (Without Handle, without LG logo)	1453.3 x 844.0 x 39.9mm	1234.4 x 720.9 x 39.9mm	1098.6 x 644.5 x 39.9mm	962.5 x 568.0 x 39.9mm
	Weight (Head)	28.2 kg	19.0 kg	15.4 kg	81kg	49kg	41.5kg	28.2Kg	19Kg	15.4Kg	11.2Kg
	Carton Dimensions (W x H x D)	1,600mm x 970mm x175mm	1,360mm x 810mm x 175mm	1,197mm x 740mm x 162mm	2362 x 1386 x 420mm	2073mm x 1260mm x 292mm	1816mm x 1123mm x 228mm	1600.0 x 1095.0 x 175.0mm	1360.0 x 835.0 x 175.0mm	1197mm x 760mm x 166mm	1060.0 x 660.0 x 152.0mm
	Packed Weight	35.0 kg	24.2 kg	18.8 kg	119kg	61.1kg	51.2kg	35Kg	24.2Kg	17.7Kg	13.7Kg
	Handle	NA			Yes	Yes	NA	NA	NA	NA	NA
	VESA	300 x 300			800x400	600 x 400	600 x 400	300 x 300	300 x 300	300 x 300	200 x 200
Key Features		Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Built-in Speaker, Temperature Sensor, Auto Brightness Sensor, Acceleration Sensor, Local Key Operation, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Fail over, Image Customization (Booting Logo, No Signal), Content Sync (RS232C, Local Network), PIP/PBP(4), Screen Share, Video Tag(4), Play via URL, OSD Rotation, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, Firmware Update by Network, SNMP 2.0, ISM Mode, Crestron Connected 1), DPM, Smart Energy Saving, Wake on LAN, Beacon, HDMI-CEC2), SI Server Setting									
Environmental Conditions	Operation Temperature	0°C to 40°C			0°C to 40°C						
	Operation Humidity	10% to 80%			10% to 80%						
Power	Power Supply	100-240V~, 50/60Hz			100-240V~, 50/60Hz						
	Power Type	Built-In Power			Built-In Power						
	Consumption Typ. / Max.	130W / 180W	110W / 160W	100W / 145W	420 W / 560 W	215 W / 280 W	180 W / 260 W	120 W/ 165 W	105 W / 145 W	95 W / 130 W	75W / 110W
Media Player Compatibility	OPS Type Compatible	Yes			NA	Yes	Yes	Yes	Yes	Yes	Yes
	External Media Player Attachable	Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes
Software Compatibility	Content Management Software	SuperSign CMS			SuperSign CMS						
	Control and Monitoring Software	SuperSign Control / Control+			SuperSign Control / Control+						
Certification	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1			CB / NRTL						
	EMC	FCC Class "A" / CE / KC			FCC Class "A" / CE / KC						
	ErP / Energy Star	Yes / Yes (Energy Star 8.0)			Yes / No			O / Energy Star 8.0			
Special Feature	Tilt (Facedown)	Max. 30º			No			Max. 30º			
	IP Rating	IP5x			No			IP5x			

Model	UH5E						UM3F
Panel	Screen Size	98	86	75	65	55	49	98
	Panel Technology	IPS						IPS
	Aspect Ratio	16 : 9						16 : 9
	Native Resolution	3,840 x 2,160 (UHD)						3,840 x 2,160 (UHD)
	Backlight Unit Type	Direct	Edge					Direct
	Brightness (cd/m²)	500nit						350nit
	Contrast Ratio	1,300:1	1,200:1		1,100:1			1,300:1
	Viewing Angle (H x V)	178 x 178						178 x 178
	Response Time	8ms (G to G)						8ms (G to G)
	Surface Treatment (Haze)	Haze 1%	Haze 3%	Haze 3%	Haze 28%	Haze 28%	Haze 28%	Haze 1%
	Life Time (Typ.)	50,000 Hrs						50,000 Hrs
	Operation Hours	24 Hrs						24 Hrs
	Orientation	Landscape & Portrait						Landscape & Portrait
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)						HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)
	Output	DP, Audio (Off/Fixed/Variable)						DP, Audio (Off/Fixed/Variable)
	External Control	RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In						RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In
Mechanical Specification	Bezel Color	Black						Black
	Bezel Width	Even bezel : 14.9mm	On : 15.6mm, Off : 14.3mm	On: 15.9mm, Off: 14.9mm	12.1mm(T), 12.6mm(R/L), 15.7mm(B)	12.1mm(T), 12.6mm(R/L), 15.7mm(B)	11.9mm(T), 12.4mm(R/L), 15.5mm(B)	Even bezel : 14.9mm
	Monitor Dimension (W x H x D)	2191.8mm x 1246.8mm x 69.4mm (without handle, with LG logo)	1926.2mm x 1097.2mm x 60.6mm (without handle)	1682.4mm x960.3mm x 57.9mm (Without Handle, without LG logo)	1458.6mm x 848.9mm x 40.1mm	1239.8mm x 725.2mm x 38.6mm	1103.2mm x 648.0mm x 38.6mm	2191.8 x 1246.8 x 83.8mm (without Handle and LG Logo)
	Weight (Head)	88kg	49kg	41.5kg	26.0Kg	16.6Kg	13.3Kg	81.1Kg
	Carton Dimensions (W x H x D)	2342mm x 1386mm x 402mm	2073mm x 1260mm x 292mm	1816mm x 1123mm x 228mm	1561mm x 971mm x 190mm	1330mm x 807mm x 170mm	1197mm x 760mm x 166mm	2354 x 1386 x 420mm
	Packed Weight	123kg	61.1kg	49.5kg	32.5Kg	21.1Kg	17.7Kg	119Kg
	Handle	Yes	Yes	NA	NA	NA	NA	Yes
	VESA	800x400	600 x 400		300 x 300			800x400
Key Features		Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Image Customization, Failover, Content Sync (RS232C, Local Network), Screen Share, Play via URL, OSD Rotation, Content Rotation, PIP/PBP (4), Tile Mode Setting (Max 15x15), Setting Data Cloning (RS232C, Network, USB), Firmware Update by Network, SNMP 1.4, Control Manager, DPM, Smart Energy Saving, Wake on LAN, Crestron Connected 1), Cisco Compatibility 2) , Beacon, HDMI-CEC3), SI Server Setting, webRTC						
Environmental Conditions	Operation Temperature	0°C to 40°C						0°C to 40°C
	Operation Humidity	10% to 80%						10% to 80%
Power	Power Supply	100-240V~, 50/60Hz						100-240V~, 50/60Hz
	Power Type	Built-In Power						Built-In Power
	Consumption Typ. / Max.	420 W / 560 W	215 W / 280 W	180 W / 260 W	140 W / 200 W	115 W / 165 W	105 W / 150 W	315 W / 415 W
Media Player Compatibility	OPS Type Compatible	No	Yes					No
Software Compatibility	Content Management Software	SuperSign CMS						SuperSign CMS
	Control and Monitoring Software	SuperSign Control / Control+						SuperSign Control / Control+
Certification	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1						CB / NRTL
	EMC	FCC Class "A" / CE / KC						FCC Class "A" / CE / KC
	ErP / Energy Star	NA	NA	Yes (EU Only) / Yes (Energy Star 7.0)	NA	NA	NA	EU Only/NA
Special Feature	Tilt (Facedown)	NA						NA
	IP Rating	NA						NA

Specifications

Model	UM3DG			
Panel	Screen Size	65	55	49	43
	Panel Technology	IPS			
	Aspect Ratio	16 : 9			
	Native Resolution	3,840 x 2,160 (UHD)			
	Backlight Unit Type	Edge			
	Brightness (cd/m²)	350nit			
	Contrast Ratio	1,200:1	1,100:1		1,200:1
	Viewing Angle (H x V)	178 x 178			
	Response Time	8ms (G to G)			
	Surface Treatment (Haze)	Haze 1%	Haze 3%	Haze 3%	Haze 1%
	Life Time (Typ.)	50,000 Hrs			
	Operation Hours	18 Hrs			
	Orientation	Landscape & Portrait			
Connectivity	Input	HDMI (3), USB 2.0			
	Output	Audio			
	External Control	RS232C In/Out, RJ45 (LAN) In, IR In			
Mechanical Specification	Bezel Color	Black			
	Bezel Width	9.9mm(T/R/L), 14.4mm(B)			8.4mm(T/R/L), 14.4mm(B)
	Monitor Dimension (W x H x D)	1453.3 x 832.8 x 39.9mm	1234.4 x 709.7 x 39.9mm	1098.6 x 633.3 x 39.9mm	962.5 x 556.8 x 39.9mm
	Weight (Head)	28.2 kg	19.0 kg	15.4 kg	11.2 kg
	Carton Dimensions (W x H x D)	1,600mm x 970mm x175mm	1,360mm x 810mm x 175mm	1,197mm x 740mm x 162mm	1,052mm x 660mm x 152mm
	Packed Weight	35.0 kg	24.2 kg	18.8 kg	13.7 kg
	Handle	NA			
	VESA	300 x 300			200 x 200
Key Features		Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Built-in Speaker, Temperature Sensor, Auto Brightness Sensor, Acceleration Sensor, Local Key Operation, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Fail over, Image Customization (Booting Logo, No Signal), Content Sync (RS232C, Local Network), PIP/PBP(4), Screen Share, Video Tag(4), Play via URL, OSD Rotation, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, Firmware Update by Network, SNMP 2.0, ISM Mode, Crestron Connected 1), DPM, Smart Energy Saving, Wake on LAN, Beacon, HDMI-CEC2), SI Server Setting			
Environmental Conditions	Operation Temperature	0°C to 40°C			
	Operation Humidity	10% to 80%			
Power	Power Supply	100-240V~, 50/60Hz			
	Power Type	Built-In Power			
	Consumption Typ. / Max.	105W / 160W	95W / 140W	85W / 120W	70W / 105W
Media Player Compatibility	OPS Type Compatible	NA			
	External Media Player Attachable	NA			
Software Compatibility	Content Management Software	SuperSign CMS			
	Control and Monitoring Software	SuperSign Control / Control+			
Certification	Safety	CB / NRTL			
	EMC	FCC Class "A" / CE / KC			
	ErP / Energy Star	Yes / Yes (Energy Star 8.0)			
Special Feature	Tilt (Facedown)	Max. 30º	Max. 30º	Max. 30º	Max. 30º
	IP Rating	IP5x	IP5x	IP5x	IP5x

Model		UM3E	
Panel	Screen Size	86	75
	Panel Technology	IPS	
	Aspect Ratio	16:9	
	Native Resolution	3,840 x 2,160 (UHD)	
	Backlight Unit Type	Edge	
	Brightness (cd/m²)	350nit	
	Contrast Ratio	1,200:1	
	Viewing Angle (H x V)	178 x 178	
	Response Time	8ms (G to G)	6ms (G to G)
	Surface Treatment (Haze)	Haze 3%	Haze 3%
	Life Time (Typ.)	30,000 Hrs	50,000 Hrs
	Operation Hours	16 Hrs	24 Hrs
	Orientation	Landscape	Landscape & Portrait
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)	
	Output	DP, Audio (Off/Fixed/Variable)	
	External Control	RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In	
Mechanical Specification	Bezel Color	Black	
	Bezel Width	On : 15.6mm, Off : 14.3mm	On: 15.9mm, Off: 14.9mm
	Monitor Dimension (W x H x D)	1926.2mm x 1097.2mm x 60.6mm (without handle)	1682.4mm x 960.3mm x 57.9mm (Without Handle, without LG logo)
	Weight (Head)	49kg	41.5kg
	Carton Dimensions (W x H x D)	2073mm x 1260mm x 292mm	1816mm x 1123mm x 228mm
	Packed Weight	61.1kg	49.5kg
	Handle	Yes	NA
	VESA	600 x 400	
Key Feature		Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Image Customization, Failover, Content Sync (RS232C, Local Network), Screen Share, Play via URL, OSD Rotation, Content Rotation, PIP/PBP (4), Tile Mode Setting (Max 15x15), Setting Data Cloning (RS232C, Network, USB), Firmware Update by Network, SNMP 1.4, Control Manager, DPM, Smart Energy Saving, Wake on LAN, Crestron Connected 1), Cisco Compatibility 2) , Beacon, HDMI-CEC3), SI Server Setting, webRTC	
Environmental Conditions	Operation Temperature	0°C to 40°C	
	Operation Humidity	10% to 80%	
Power	Power Supply	100-240V~, 50/60Hz	
	Power Type	Built-In Power	
	Consumption Typ. / Max.	250 W / 345 W	160 W / 185 W
Media player Compatibility	OPS Type Compatible	Yes	
	External Media Player Attachable	Yes	
Software Compatibility	Content Management Software	SuperSign CMS	
	Control and Monitoring Software	SuperSign Control / Control+	
Certification	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	
	EMC	FCC Class "A" / CE / KC	
	ErP / Energy Star	NA	NA/EPA7.0
Special Feature	Tilt (Facedown)	NA	
	IP Rating	NA	

69

Specifications

	Model	SM5KE			SM3G
Panel	Screen Size	49	43	32	21.5
	Panel Technology	IPS			IPS
	Aspect Ratio	16:9			
	Native Resolution	1,920 x 1,080 (FHD)			1920 x 1080 (FHD)
	Backlight Unit Type	Edge	Edge	Direct	Edge
	Brightness (cd/m²)	450nit	450nit	400nit	250nit (Typ.)
	Contrast Ratio	1,100:1			1,000:1
	Viewing Angle (H x V)	178 x 178			178 x 178
	Response Time	12 ms (G to G BW), 10.1 ms (WOT)	12 ms (G to G BW), 9.4 ms (WOT)	10 ms (G to G BW), 7.1 ms (WOT)	14ms (G to G)
	Surface Treatment (Haze)	AGP Haze 1%			25%
	Life Time (Typ.)	50,000 Hrs			30,000Hrs (Min.)
	Operation Hours	24 Hrs			16/7
	Orientation	Landscape & Portrait			Portrait / Landscape
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB 3.0			HDMI (2), USB 2.0, AUDIO, RJ45
	Output	DP (SST), Audio (Off/Fixed/Variable)			NA
	External Control	RS232C In/out, RJ45 In, IR Receiver In			RS232C IN, RJ45(LAN), IR IN
Mechanical Specification	Bezel Color	Black			Black
	Bezel Width	11.9mm (T/R/L), 18mm (B)	11.9mm (T/R/L), 18mm (B)	13mm (T/R/L), 18mm (B)	Even bezel : 16.3mm
	Monitor Dimension (W x H x D)	1,102.2 x 638.5 x 54mm	969.6 x 563.9 x 54mm	729.4 x 428.9 x 55.5mm	510.3 x 302.1 x 53.8mm
	Weight (Head)	14.3 kg	10.0 kg	5.4 kg	3.34Kg
	Carton Dimensions (W x H x D)	1,197 x 760 x 166mm	1,052 x 650 x 123mm	810 x 510 x 132mm	565.0 x 357.0 x 103.0mm
	Packed Weight	17.6 kg	12.5 kg	6.2 kg	4.74Kg
	Handle	NA			NA
	VESA	300 x 300	200 x 200	200 x 200	100 x 100
Key Features		Internal Memory 8GB (System 4GB, Available 3.6GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, webOS 4.0, Embedded CMS, Fail Over, Image Customization, PIP/PBP(2), Screen Share, Video Tag (2), Play via URL, Gapless Playback, Tile Mode Setting (Up to 15x15), Setting Data Cloning, Firmware Update by Network, SNMP (Ver. 1.4), Control Manager, Crestron Connected®*, Extron IP Link, Smart Energy Saving, Beacon, HDMI-CEC (2)**, Built-in Speaker (10W+10W)			Internal Memory 8GB, Built-in Wi-Fi, Temperature Sensor, Local Key Operation, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), PIP, PBP (2), Screen Share, Play via URL, Setting Data Cloning, SNMP, ISM (Image Sticking Minimization) Method, Control Manager, Crestron Connected 1), Smart Energy Saving, PM Mode, Wake on LAN,Beacon, HDMI-CEC2), SI Server Setting, webRTC, Pro:Idiom
Environmental Conditions	Operation Temperature	0°C to 40°C			0 °C to 40 °C
	Operation Humidity	10% to 80%			10 % to 80 %
Power	Power Supply	100-240V~, 50/60Hz			AC 100-240V~, 50/60Hz
	Power Type	Built-In Power			Built-In Power
	Consumption Typ. / Max.	60 W / 95 W	55 W / 90 W	45 W / 80 W	30W /33W
Media Player Compatibility	OPS Type Compatible	Yes			NA
	External Media Player Attachable	Yes (MP500 / MP700)			NA
Software Compatibility	Content Management Software	SuperSign CMS			SuperSign CMS
	Control and Monitoring Software	SuperSign Control / Control+			SuperSign Control / Control+
Certification	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1			CB / NRTL
	EMC	FCC Class "A" / CE / KC			FCC Class "A" / CE
	ErP / Energy Star	Yes3) / Yes (Energy Star 7.0)			Yes/ No
Special Feature	Tilt (Facedown)	0			NA
	IP Rating	0			NA

Model	SE3KE			
Panel Screen Size	55	49	43	32
Panel Technology	IPS			
Aspect Ratio	16 : 9			
Native Resolution	1,920 x 1,080 (FHD)			
Backlight Unit Type	Edge	Edge	Edge	Direct
Brightness (cd/m²)	350nit			
Contrast Ratio	1,100:1			
Viewing Angle (H x V)	178 x 178			
Response Time	12 ms (G to G BW), 9.0 ms (WOT)	12 ms (G to G BW), 10.1 ms (WOT)	12 ms (G to G BW), 9.4 ms (WOT)	10 ms (G to G BW), 7.1 ms (WOT)
Surface Treatment (Haze)	AGP Haze 1%			
Life Time (Typ.)	50,000 Hrs			
Operation Hours	18 Hrs			
Orientation	Landscape & Portrait			
Connectivity Input	HDMI (2), DVI-D, RGB, Audio, USB			
Output	Audio (Off/Fixed/Variable)			
External Control	RS232C In/out, RJ45 In, IR In			
Mechanical Specification Bezel Color	Black			
Bezel Width	11.9mm (T/R/L), 18mm (B)	11.9mm (T/R/L), 18mm (B)	11.9mm (T/R/L), 18mm (B)	13 mm (T/R/L), 18mm (B)
Monitor Dimension (W x H x D)	1,238 x 714.9 x 54mm	1,102.2 x 638.5 x 54mm	969.6 x 563.9 x 54mm	729.4 x 428.9 x 55.5mm
Weight (Head)	17.5 kg	14.3 kg	10.0 kg	5.4 kg
Carton Dimensions (W x H x D)	1,330 x 807 x 170mm	1,197 x 760 x 166mm	1,052 x 650 x 123mm	810 x 510 x 132mm
Packed Weight	20.8 kg	17.6 kg	12.5 kg	6.2 kg
Handle	NA			
VESA	300 x 300	300 x 300	200 x 200	200 x 200
Key Features	Wi-Fi Dongle Ready, Temperature Sensor, Local Key Operation, USB Auto Playback, Local Contents Scheduling, Fail Over, Image Customization (Booting Logo/No Signal), Content Sync. (RS232C/Local Network), SNMP (ver.2), ISM Mode, Crestron Connected®1), DPM, PM Mode, Wake on LAN, Smart Energy Saving, HDMI-CEC2)			
Environmental Conditions Operation Temperature	0°C to 40°C			
Operation Humidity	10% to 80%			
Power Power Supply	100-240V~, 50/60Hz			
Power Type	Built-In Power			
Consumption Typ. / Max.	65 W / 100 W	60 W / 95 W	55 W / 90 W	45 W / 80 W
Media Player Compatibility OPS Type Compatible	Yes			
External Media Player Attachable	Yes (MP500 / MP700)			
Software Compatibility Content Management Software	SuperSign CMS			
Control and Monitoring Software	SuperSign Control / Control+			
Certification Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1			
EMC	FCC Class "A" / CE / KC			
ErP / Energy Star	Yes3) / Yes (Energy Star 7.0)			
Special Feature Tilt (Facedown)	0			
IP Rating	0			

LG | Business Solutions