
DIGITAL SIGNAGE

INFORMATION DISPLAY AND SOLUTIONS

2017 Spring Edition

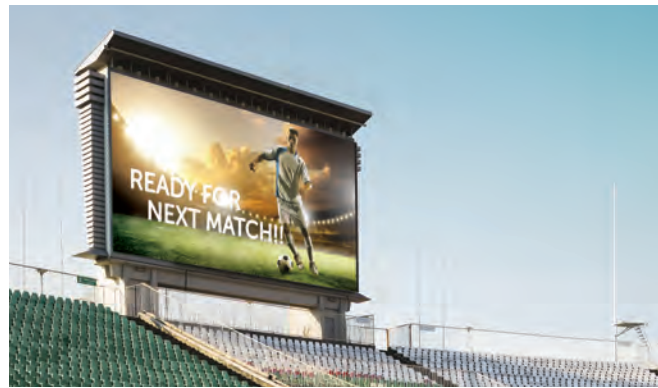




Contents



1. HIGHLIGHT	04
2. LG SIGNAGE INTRODUCTIONS	
• OLED	08
• ULTRA STRETCH	12
• ULTRA HD	14
• VIDEO-WALL	16
• STANDARD SIGNAGE	18
• TRANSPARENT	21
• HIGH BRIGHTNESS	22
• INTERACTIVE	24
• SUPERSIGN TV	26
• CONTENT PLAYER	28
3. SPECIFICATIONS	30



HIGHLIGHTS

LEADING TECHNOLOGY

Take an exciting leap into the latest technologies and change the way that you reach and inform your customers.

TRULY STATE OF THE ART, LG OLED SIGNAGE LG OLED

LG OLED is a new display technology that overcomes the limits of current displays in terms of picture quality and design.



Perfect Black
Pure black with self-lighting pixels.



Perfect Color
Accurate, stable color reproduction.

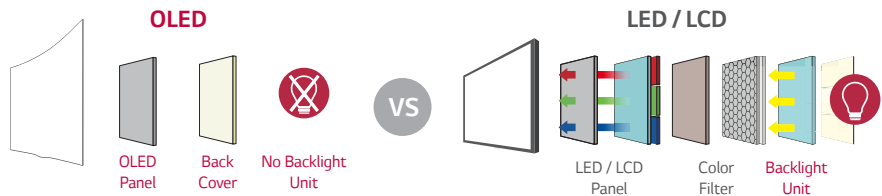


Perfect Viewing Angle
No color distortion from any viewing angle.



Perfect Design
Future displays with free form factors.

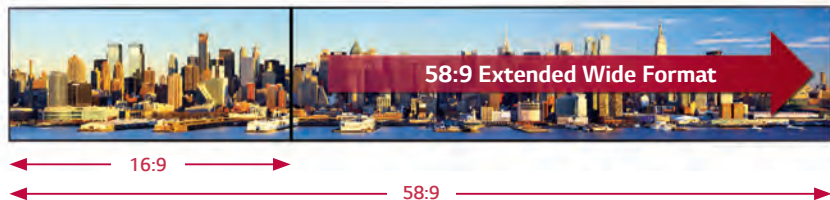
Key LG OLED technologies



86" 58:9 ULTRA STRETCH



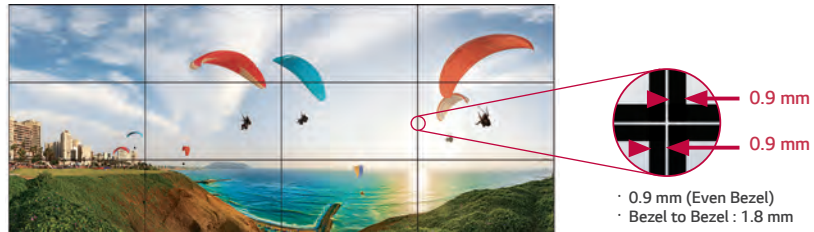
New experience with Ultra HD based on its unique 58:9 ratio.



THE WORLD BEST CLASS VIDEO-WALL



World's narrowest bezel* display delivers stunning high picture quality in a virtually seamless video wall.



*Nemko (Nogerois Elektriske Materiellkontroll) was established in 1933 as an institution for mandatory safety testing and national approval of electrical equipment to be marketed and sold in Norway. Since becoming an independent, self-owned foundation in 1991, it has provided worldwide testing and certification.



EXTRAORDINARY EXPERIENCE

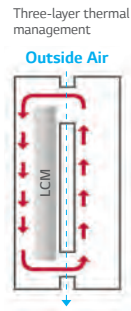
Fresh, innovative ways to engage, inform and thrill your customers like never before.

HIGH BRIGHTNESS ENCLOSURE WITH ADVANCED RELIABILITY

Enclosure signage boasts outstanding visibility and excellent reliability with clear picture quality and accurate information delivery even under extreme environmental changes.

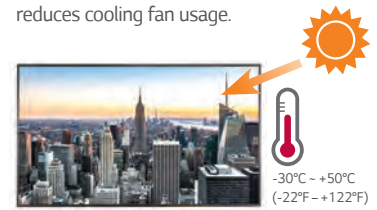
Enhanced Thermal Management

Environmentally sealed structure for waterproofing and protection against brake dust and fumes. Three-layer thermal management prevents heating from the LCD, Circuit / Power board and Solar loading. Totally self-contained and suitable for outdoor use without an air filter.



High Operating Temperature

The panel offers superb reliability under high operating temperatures and reduces cooling fan usage.



HIGHLIGHTS

ADVANCED SOFTWARE SOLUTION

Meet our total solution designed for various customers' needs.

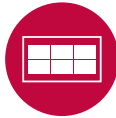
LG webOS SMART SIGNAGE PLATFORM

Using advanced technology and an evolving platform, the system offers partners and customers a range of distinctive features.



Unmatched Interactive User Experience

A webOS smart signage platform supports dynamic interactive environments with multi-touch functions, BEACON mobile communication and sensor integration for user-oriented content.



Customizable Screen Layout and Media Formats

The webOS smart signage platform, perfectly geared to your intended use, enables users to display content on any sized screen layout, any multi media format and type.



Feeling Right at Home: Developer-friendly

The webOS smart signage is tailored to a range of commercial requirements and makes it easy to use the most common web-based programming languages while testing and debugging applications.



Lower Ownership Costs

An integrated webOS smart signage platform helps users save by reducing overall TCO. This eliminates the need to purchase an external media player and removes the cost of onsite servicing and maintenance visits.

SUPERSIGN OPTIMIZES CONTENT CREATION AND MANAGEMENT



Supersign™ is an easy to use and manage content management software that allows businesses to create and manage customized on-screen media content, and has specifically been designed for commercial environments.



SUPERIOR PICTURE QUALITY

Attract customers with our exceptionally high picture quality.

REVOLUTIONARY IPS* TECHNOLOGY



IPS is free from blackening defects and offers lifelike color and wide viewing angles.

Consistent response times for reduced eye strain and exact color matching with original images

The IPS* panel has an extremely low response time standard deviation. This allows for smooth action scenes, greater clarity sports and vivid quality. Enjoy the same colors as the actual product. The IPS panel displays the color tone of the original image and a consistent color temperature.



*In-Plane Switching

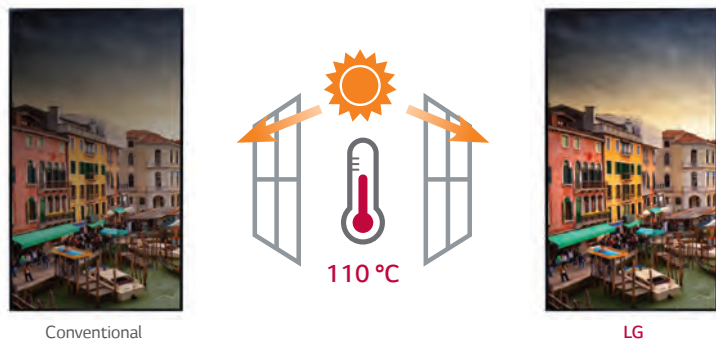
Enjoy the Same Colors as the Actual Product in the Display.

IPS Technology has better liquid crystal control, allowing viewing of the screen from virtually any angle within 178 degrees from the top, bottom, right and left.



High Brightness Reliability

Brightness can decrease over time. LG's high brightness displays sustain brightness levels for long periods. Even under direct sunlight, the IPS panel resists blackening effects and provides superior quality for outdoor usage. This helps power savings and eliminates the need for IR blockers and/or extra cooling systems. It also helps save space, as no additional glass covers are needed for the displays.



OLED

Artistic Space Beyond Display

With cutting-edge OLED technology, LG has created a truly innovative technology with perfect picture quality and a revolutionary pencil-thin design, adding artistic value to display functionality.



DUAL-VIEW FLAT



WALL-PAPER



OPEN-FRAME



OPEN-FRAME



WHY OLED TECHNOLOGY

Perfect Black

Limitless contrast and the deepest blacks
Self-lighting pixels switch off completely to reproduce absolute blacks with no light bleed, offering infinite contrast.

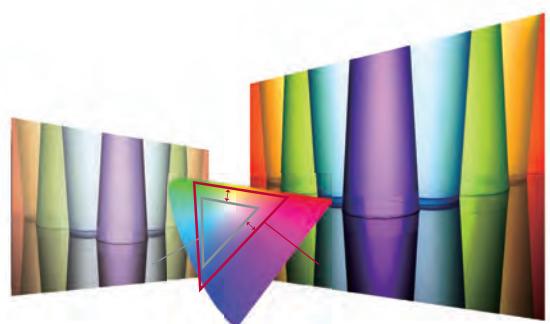


LCD

LG OLED Signage

Perfect Color

Accurate & stable color reproduction
Self-lighting pixels bring colors to life with superb accuracy.



LCD

LG OLED Signage

Perfect Viewing Screen

Wide viewing angle
LG OLED Signage delivers awe-inspiring picture quality across the entire screen, even from wide viewing angles.



LCD

LG OLED Signage

Perfect Design

Slim and light
With just two layers, the LG OLED Signage Display is unbelievably lightweight and thin.



Artistic Space Beyond Display

With cutting-edge OLED technology, LG Electronics introduces an innovative OLED Signage with perfect picture quality and a revolutionary pencil-thin design, adding artistic value to display functionality.

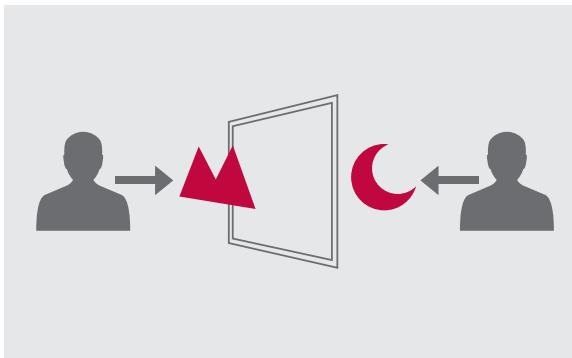
55" DUAL-VIEW FLAT OLED SIGNAGE EH5C

- Full HD: 1,920 x 1,080
 - Brightness: 400 cd/m² (APL* 25%)
 - Bezel: 2 mm (Off-bezel)
 - Dedicated Accessories for three Types of Installation
- ** Accessory kits purchased separately.



Two Multi-Use Displays

Two-way media experience and space saving thanks to the innovative slim design.



Three Types of Installation

Dedicated accessories available for ceiling, stand and wall mount.



55" WALLPAPER OLED SIGNAGE EJ5C

- Full HD: 1,920 x 1,080
- Brightness: 400 cd/m² (APL* 25%)
- Bezel: 1.2 mm (Off-bezel)

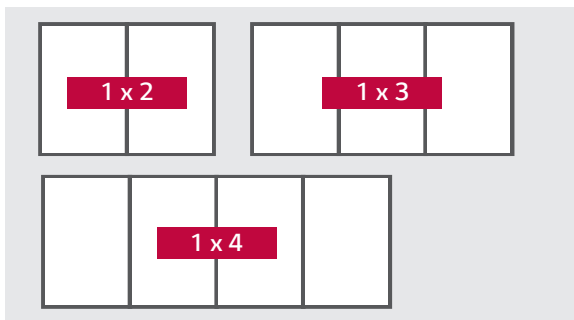
65"
DUAL-VIEW CURVED TILING OLED SIGNAGE
EE5PC

- Available in 1x2, 1x3, 1x4 model
- Ultra HD: 3,840 x 2,160
- Brightness: 450 cd/m² (APL* 25%)
- Bezel to Bezel: 9.8 mm

* Each model has 3 order codes.
 Please Contact your sales representative for more information

Modular Design

Modular design allows different layouts between 1 x 2 and 1 x 4 with the same design identity.

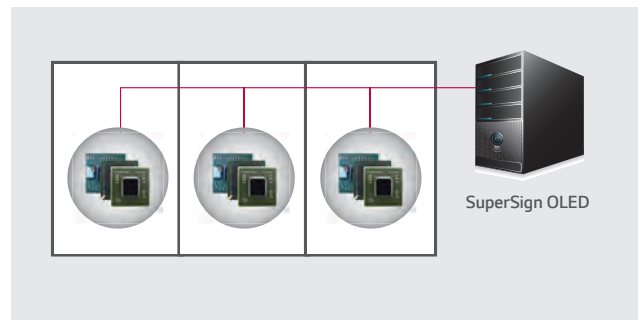


* Accessories include stand cover, top/side/bottom deco., cables, IR receiver, etc.



PC-less Playback

High performance SoC & high internal memory capacity (128 GB) enable perfect UHD-synced playback without the need for media players.



55"
FIXED CURVE OPEN FRAME

EF5C

- Minimum Curvature : Landscape ~2,000R,
 Portrait ~1,500R (In-curve & Out-curve)
- Full HD: 1,920 x 1,080
- Brightness: 400 cd/m² (APL* 25%)
- Bezel: 7.2 mm (Off-bezel)

* One product is composed of various order codes.
 Please contact your sales representative for more information.
 * Contact your sales representative for available curvature models.

Ultra Stretch for Dynamic Digital Content

A new experience with a 58:9 widescreen that can display dynamic content based on the user's installation environment.



High Resolution with extraordinary format (3,840 x 600)

Ultra HD large screen delivers an immersive viewing experience.



Conventional

Ultra Stretched Signage

58:9 Extended Wide Format

Dynamic content is delivered on one screen thanks to a new 58:9 bar-type widescreen format.

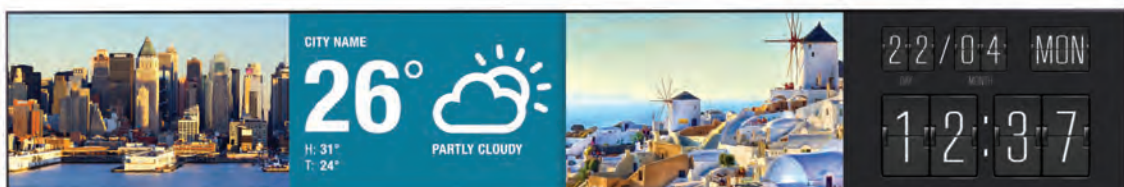


Conventional
(16:9)

Ultra Stretched Signage
(58:9)

4 Divided PBP in Landscape or Portrait

The Picture-by-Picture (PBP) feature allows you to divide a screen into four parts in landscape or portrait installations.



86"
ULTRA STRETCH SIGNAGE
BH5C

- Resolution: 3,840 x 600
- Brightness: 500 cd/m² (86BH5C)
- Multiple screen with PBP¹



Single Digital Pillar



Quad Digital Pillar

ULTRA STRETCH PILLAR
**PL-S860/
PL-D860/
PL-F860**

- Single Digital Pillar (W x H x A x B): 710 x 2,329 x 357 x 151 mm
- Quad Digital Pillar (W x H x A): 800 x 2,291 x 507 mm

Immersive Ultra HD Screens Designed for Business



Large Screen Content Delivery

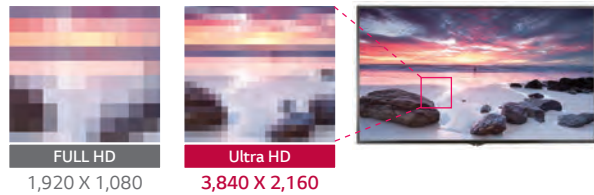
Providing immersive, high-quality widescreen viewing on a wide variety of screen sizes.



Ultra HD Resolution

3,840 x 2,160

Ultra HD resolution offers a whole new level of picture quality, boasting picture definition four times higher than full HD.



Multiple Screen with PBP or PIP

The PBP (Picture-By-Picture) and PIP (Picture-In-Picture) features offer four divided split screens in landscape and portrait formats.



PIP



PBP - Landscape



PBP - Portrait



98"
ULTRA HD PREMIUM LARGE DISPLAY

LS95D

- Ultra HD: 3,840 x 2,160
- Brightness: 500 cd/m²
- 24/7 operation

86" / 75" / 65" / 55" / 49"
MULTIPLE SCREEN SPLIT ULTRA HD DISPLAY

UH5C

- Ultra HD: 3,840 x 2,160
- Brightness: 500 cd/m² (UH5C)
- Multiple screen with PBP¹⁾ / PIP²⁾
- 24/7 operation
- Beacon-ready, Soft AP, Mirroring



1) PBP: Picture-By-Picture, 2) PIP: Picture-In-Picture

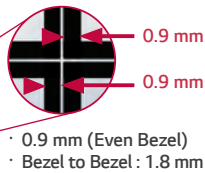
World Class Video Walls-55VH7B, 55VM5B, 49VM5C

LG's nearly seamless video wall solutions make various video wall arrangements possible. These video walls can also be easily expanded to maximize attention



Narrow Bezels

Narrow bezels enable the entire video wall to more closely resemble a single screen.



Uniform Brightness

LG's LED backlight technology guarantees high brightness uniformity to ensure a clear picture. On some other screens, certain spots may appear darker than others, but the VH/VM series generates high visibility and a consistent brightness across the whole screen.



General (80%)

LG (90%)

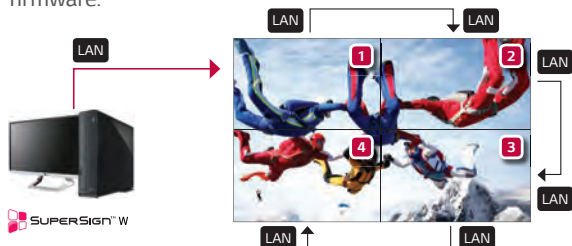
Image Gap Reduction

The VH/VM series includes an image improvement algorithm that can adjust to objects located within the bezel boundary for a seamless viewing experience.



LAN Daisy Chain Performance

A LAN daisy chain allows you to execute commands to control and monitor the screens and even update their firmware.



55" / 49"

WORLD CLASS VIDEO WALLS

55VH7B/VM5B, 49VM5C

- Full HD: 1,920 x 1,080
- Brightness: 700 cd/m² (VH7B/C), 500 cd/m² (VM5B/C)
- Panel bezel: 0.9 mm (L/R/T/B even bezel)
- 0.9mm (Even Bezel)
- Bezel to Bezel: 1.8mm
- 24/7 operation, LAN daisy chain
- Image gap reduction



55" / 47" (47" LV35A only)

SUPER NARROW 3.5 mm BEZEL VIDEO WALL

LV77/75/35A

- Full HD: 1,920 x 1,080
- Brightness: 700 cd/m² (55LV77A),
500 cd/m² (55LV75/35A),
450 cd/m² (47LV35A)
- Bezel to bezel: 3.5 mm, 4.9 mm (47LV35A)
- 24/7 operation



49"

SUPER NARROW 3.5 mm BEZEL VIDEO WALL

VL5B

- Full HD: 1,920 x 1,080
- Brightness: 450 cd/m²
- Bezel to bezel: 3.5 mm
- 24/7 operation

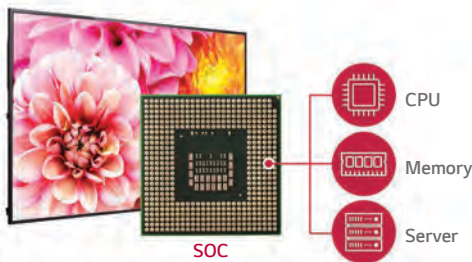
A Wide Range of Standard Signage (22"~65")

More potential buyers and visitors can be reached through LG's versatile displays.



Quad Core SoC*

The High Performance SoC can execute several tasks at once and provides smooth content playback.



*SoC : System-on-Chip

webOS

The webOS platform provides easy and convenient tools to create content. LG's SDK* and technical supports make content development and management easier.



<http://developer.lge.com/webOSSignage>

*Software Development Kit

Group Manager

Content can be created, distributed and controlled by signage without a dedicated PC or server.



PBP (Picture-By-Picture) / PIP (Picture-In-Picture)

PBP (Picture-By-Picture) and PIP (Picture-In-Picture) features enable you to compose various layouts for several digital devices.



55" / 49" / 42"
STANDARD PREMIUM DISPLAY

LS75C

- Full HD: 1,920 x 1,080
- Brightness: 700 cd/m² (LS75C), 500 cd/m² (LS73C)
- 24/7 operation
- webOS 3.0
- Multiple screen with PBP¹⁾ / PIP²⁾



webOS



webOS

65" / 55" / 49" / 43" / 32"
STANDARD PERFORMANCE DISPLAY

SM5C/SM5KC*

- Full HD: 1,920 x 1,080
- Brightness: 450 cd/m², 400 cd/m² (32")
- 24/7 operation
- webOS 3.0
- Multiple screen with PBP¹⁾ / PIP²⁾

* SM5KC: Built-in speaker model

55" / 49" / 43" / 22" (22": 22SM3B ONLY)
STANDARD ESSENTIAL DISPLAY

SM3C/22SM3B

webOS

- Full HD: 1,920 x 1,080
- Brightness: 350 cd/m² (SM3C), 250 cd/m² (22SM3B)
- webOS
- 18/7 operation, BEACON, SoftAP, Mirroring, Quad Core SoC



webOS

A Wide Range of Standard Signage (32"-65")

Potential buyers and visitors can be easily reached through LG's versatile displays.



55" / 49" / 42"
STANDARD PREMIUM DISPLAY

SH7DB

- Full HD: 1,920 x 1,080
- Brightness: 700 cd/m²
- 24/7 operation
- 7.4 mm even bezel



55" / 49" / 43" / 32"
STANDARD PERFORMANCE DISPLAY

SL5B

- Full HD: 1,920 x 1,080
- Brightness: 450 cd/m²
- 18/7 operation, 24/7 operation (32")
- OPS-ready (32")



65" / 55" / 49" / 43" / 32"
STANDARD ESSENTIAL DISPLAY

SE3B/SE3KB*

- Full HD: 1,920 x 1,080
- Brightness: 400 cd/m² (65"), 350 cd/m² (55", 49", 43", 32")
- 18/7 operation

* SE3KB: Built-in speaker model

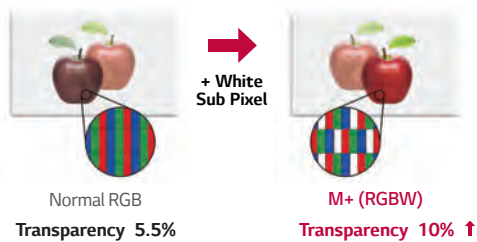
Clear Transparency & True Color Expression

An IPS transparent panel display provides superb wide viewing angles and accurate colors, while creating enhanced clarity for effective advertising showcases.



Higher Transparency

The M+ (RGBW) panel enables greater transparency than conventional RGB panels to increase image visibility.



Open Frame & Landscape/Portrait Mode

Adapts to virtually any customer's needs and the open frame provides a clean design at an affordable price. Suitable for use in landscape or portrait mode



49" TRANSPARENT DISPLAY

WFB

- Full HD: 1,920 x 1,080
- Transparency rate: 10% (55"), 9.5% (49")



Outstanding Visibility with Advanced Reliability- XE3C Series

With excellent readability and clear color expression, the XE3C series high brightness displays are perfect for outdoor advertising and signage use cases.



Increased Brightness

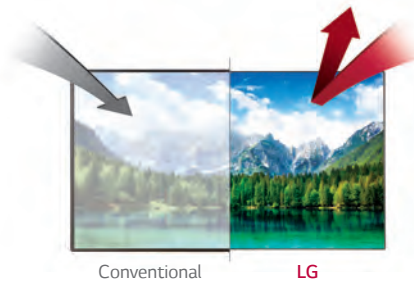
Brightness has been increased to 3,000 cd/m² making the XF3C and XE3C series the ultimate screens for outdoor visibility.



*XE3C specification

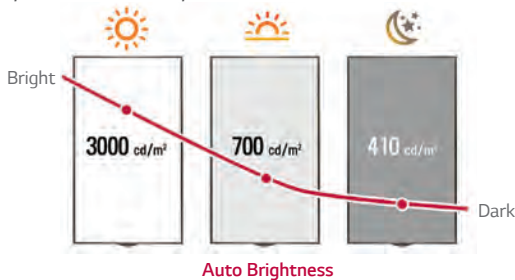
Anti-reflection

Less interference between reflected external light & back light thanks to anti-reflection coating.



Smart Brightness Control

The auto-brightness sensor and preset time scheduler save power whenever possible.



*XE3C specification

Dust & Humidity Protection

The conformal coating enhances circuit board reliability by protecting it from dust, iron shavings, humidity and other harsh conditions.



75" / 55"
ENHANCED BRIGHTNESS ENCLOSURE DISPLAY
XE3C

- Enclosure
- Full HD: 1,920 x 1,080
- Brightness: 3,000 cd/m²
- Operating Temperature: -30°C to 50°C
- Dust & Humidity Protection Designed with IP56 Rating



webOS



webOS

75" / 55" / 49"
FAN-LESS WINDOW-FACING DISPLAY
 webOS
XS2C/XS2B/49XS1C

- Window-facing
- Ultra HD: 3,840 x 2,160 (75XS2C)
 Full HD: 1,920 x 1,080 (55XS2C, XS2B, 49XS1C)
- Brightness: 2,500 cd/m², 1,500 cd/m² (49XS1C)
- Depth: 116 mm (75XS2C), 89 mm (55XS2C, 55XS2B),
 83.5 mm (49XS2B), 32 mm (49XS1C)
- Fan-less design for noise reduction

75" / 55" / 49"
ENHANCED BRIGHTNESS OPEN-FRAME DISPLAY

XF3C

webOS

- Open-frame
- Ultra HD: 3,840 x 2,160 (75")
 Full HD: 1,920 x 1,080 (55", 49")
- Brightness: 3,000 cd/m²
- Operating Temperature: 0°C to 50°C
- High resistance to blackening defect (Tni: 110°C)



webOS

Overlay Touch & Multi-Touch Experience

LG's touch technology provides smooth, accurate 10-point multi-touch for your interactive needs.



10-Point Multi-Touch Experience

Offers a more realistic touch experience, recognizing up to 10 simultaneous touches without needing a separate pen.



2 ~ 6 Point Competitor



10 Point LG

Ghost Free Multi-Touch Experience

Touch the screen for 'No Ghosting' writing and drawing, enabling clean, seamless navigation.



Ghosting



LG Ghost-free

84"
ULTRA HD LARGE MULTI-TOUCH DISPLAY
TR3B

- Ultra HD: 3,840 x 2,160
- Brightness: 350 cd/m² (typ)
- Bezel: 34 mm
- Built-in 10-point multi-touch
- Ghost-free touch (IR Spread)



75" / 65" / 55" / 49" / 43" / 32"
PERFECT FIT OVERLAY TOUCH
KT-T Series

- 10-point multi-touch
- Compatible products
 - KT-T751 (75"): UH5C, UM3C
 - KT-T651 (65"): SE3(K)B, SM5(K)B/C
 - KT-T550 (55"): SE3(K)B/C, SM3B/C, SL5B/C, SM5(K)B/C
 - KT-T490 (49"): SE3(K)B/C, SM3B/C, SL5B/C, SM5(K)B/C
 - KT-T430 (43"): SE3(K)B/C, SM3B/C, SL5B/C, SM5(K)B/C
 - KT-T320 (32"): SE3(K)B/C, SM5(K)B/C

*32SL5B is not compatible with touch overlay

10"
SMALL TOUCH DISPLAY
SM3TB

- HD: 1,280 x 800
- Brightness: 400 cd/m²
- Bezel: 14 mm (Even bezel)
- Built-in touch
- 16/7 operation
- PoE (Power over Ethernet)



Live TV and Advertisements on One Screen

SuperSign TV includes a built-in TV tuner to broadcast TV programs and deliver advertisements simultaneously.



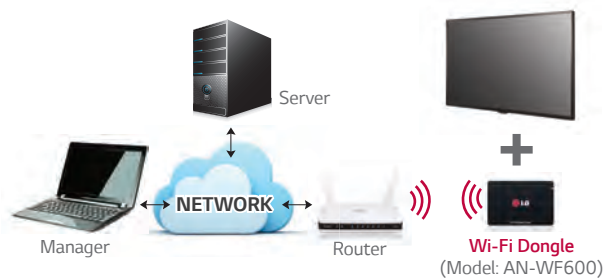
Fail over

Enables content to be displayed without dead spots when none of the external inputs are working. The monitor switches the signal automatically.



Wi-Fi Dongle Ready

SuperSign TV supports Wi-Fi USB dongle connection for convenient content distribution.



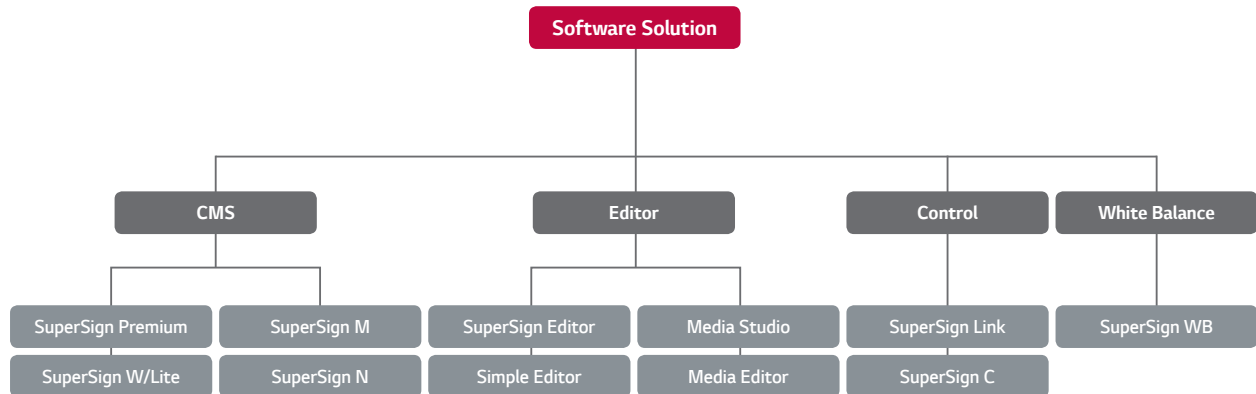
55" / 49" / 43" SUPERSIGN TV LW540S

- Full HD: 1,920 x 1,080
- Brightness: 300 cd/m²
- Bezel: 43" - 9.8 mm (L/R/U), 12.8 mm (B)
55" - 10.4 mm (L/R/U), 13.4 mm (B)
- Built-in Speaker and TV tuner

- USB plug and play
- RTC, NTP, Fail-over (Internet memory only)
- Wi-Fi dongle ready
- SuperSign W/Lite/C/Simple Editor

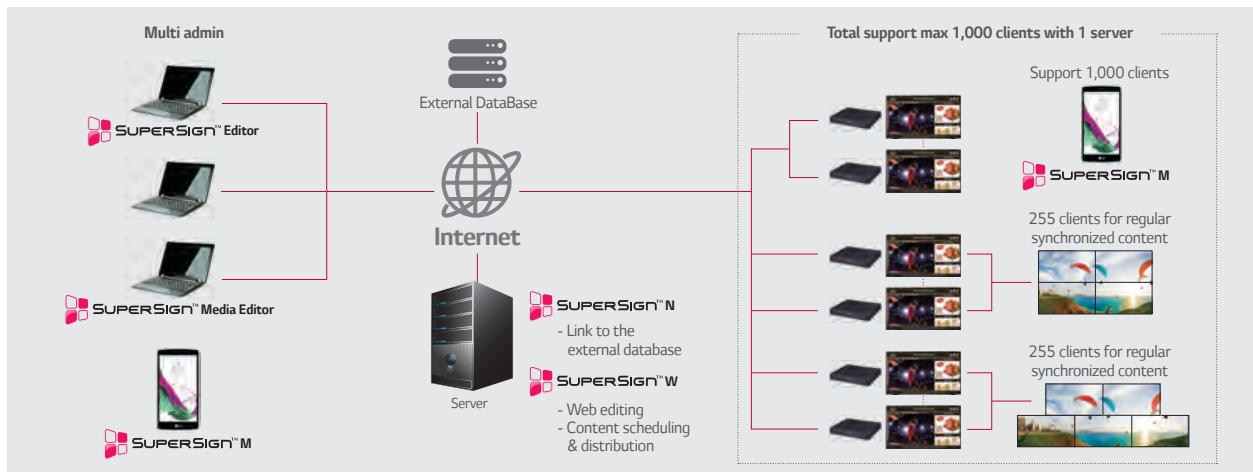


SuperSign Overview



CMS

Signage Content Management Software. Signage Content Editing Software. You can easily create, schedule and distribute the content you want with various templates provided by SuperSign CMS.



Editor

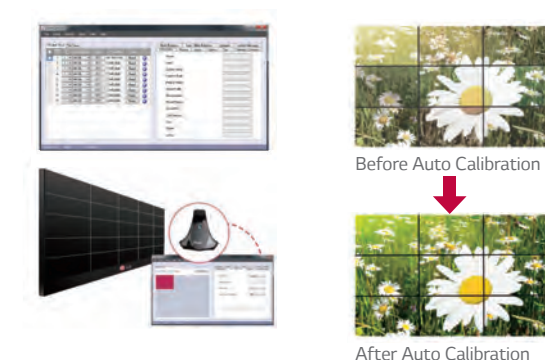
Signage Content Editing Software.

- Create content and playlists, distribute through network or USB
- Convert various codecs and containers for the LG Signage
- Configure the desired layout with template



Control & White Balance

Signage Management Software & White Balance Calibration software. SuperSign C enables remote control of multiple SuperSign monitors via networks and RS232 serial. The Auto White Balance feature adjusts the video wall easily and intelligently for the optimum video wall solution.



PREMIUM DOCKING-TYPE PLAYER

MP700

- Intel® Core i5-3610ME 2.7 GHz (Dual Core)
Intel® Core i7-3610QE 2.3 GHz (Quad Core)
- Mobile Intel® QM77
- Windows Embedded Standard 7 Professional (64bit)
- Full HD x 4 or Ultra HD x 1
- Maximum Resolution 3,840 x 2,160 @ 30 Hz (DP)
Maximum Resolution 1,920 x 1,080 @ 75 Hz (RGB)



PREMIUM DOCKING-TYPE PLAYER

MP500-B

- Intel® Core i5-520M Processor 2.40 GHz (Dual Core)
- Windows Embedded Standard, Windows7 Embedded
- Full HD x 2
- Maximum Resolution 2,560 x 1,600 @ 60 Hz (DP)
Maximum Resolution 1,920 x 1,200 @ 60 Hz (HDMI)



SPECIFICATIONS

OLED

		55EH5C	65EE5PC, 65MODLC, 65CVR4C	55EJ5C	55EF5C
Panel	Screen Size	55"	65"	55"	55"
	Panel Technology	OLED	OLED	OLED	OLED
	Aspect Ratio	16:9	16:9	16:9	16:9
	Native Resolution	1,920 x 1,080 (FHD)	3,840 x 2,160	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness	100/400 cd/m ² (APL* 100% / 25%)	140/450 cd/m ² (APL* 100% / 25%)	100/400 cd/m ² (APL* 100% / 25%)	100/400 cd/m ² (APL* 100% / 25%)
	Contrast Ratio	100,000:1	100,000:1	100,000:1	100,000:1
	Viewing Angle (H x V)	178 x 178	120 x 120	178 x 178	178 x 178
	Guaranteed Operating Hour	18 hrs / 7 days (moving video only)	12 hrs / 7 days (moving video only)	18 hrs / 7 days (moving video only)	18 hrs / 7 days (moving video only)
Connectivity	Input	HDMI (1+1), DP (1+1), DVI-D (1+1)	HDMI	HDMI, DP	HDMI, DP
	Output	Audio (1+1)	NA	DP, Audio	DP, Audio
	External Control	RS232C In/Out (1+1), RJ45 In (1+1), IR Receiver (Internal), USB 2.0 (1+1), USB 3.0 (1+1)	RS232C, RJ45, IR Receiver	RS232C In/Out, RJ45 In/Out, IR In/Out (W/ RS232C Out Port)	RS232C In/Out, RJ45 In/Out, IR In/Out (W/ RS232C Out Port)
Physical Specification	Bezel Width	2, 2, 2, 2 mm (T,B,L,R) *Off-bezel	15.0, 26.0, 13.2, 13.2 mm (T,B,L,R) *Off Bezel (Set Deco Bezel)	7.2, 10.3, 6.6, 6.6 mm (T,B,L,R, Panel Only) 1.2, 1.2, 1.2, 1.2 mm (Off Set Bezel) 9.3, 12.4, 8.7, 8.7 mm (On Set Bezel)	Off-bezel, T,B,L,R: 7.2 / 7.2 / 7.2 / 7.2 mm On-bezel, T,B,L,R: - 2000R Concave : 9.9 / 13 / 8.5 / 8.5 mm - 2000R Convex : 9.9 / 13 / 10.7 / 10.7 mm - 1500R Concave : 8.75 / 11.8 / 9.3 / 9.3 mm - 1500R Convex : 11 / 14.1 / 9.3 / 9.3 mm
	Monitor Dimension (W x H x D)	Head: 1,227.6 x 702.7 x 7.94 mm (Edge depth: 8.94 mm) Signage Box: 470.1 x 402.8 x 75 mm	(1x4 Model) Display: 3,123 x 2,120 x 8.54 mm (Module) *The depth of stand neck: 99.0 mm	Head: 1,227 x 702.1 x 3.65 mm, Signage Box: 420 x 230 x 75 mm	Head: 1. Landscape (W x H) - 2,000R, Concave: 1213.7 x 704.1 mm - 2,000R, Convex: 1214.2 x 704.1 mm 2. Portrait (W x H) - 1,500R, Concave: 1229 x 700.7 mm - 1,500R, Convex: 1229 x 701.2 mm 3. Landscape/Portrait (D) - not affected by orientation/ curvature Signage Box: - Module Only: 21.4 mm (incl. case top) - Module + Center Bar: 30 mm - Module + Center Bar + T-Con Box: 41.2 mm - Module + Center Bar + T-Con Box + Signage Box: 91.2 mm T-Con Box: 312.2 x 213.4 x 16 mm Signage Box: 412.6 x 222.4 x 64.3 mm
	Weight (head)	Head: 21 kg Signage Box: 8 kg	(1 x 4 Model) 380 kg	Head: 5.5 kg, Signage Box: 5.3 kg, Wall Bracket: 1.8 kg	Head: 11 kg T-CON Box: 1.6 kg Signage Box: 4.3 kg
	Carton Dimensions (W x H x D)	1,344 x 987 x 269 mm (Inner)	1,040 x 860 x 1,313 mm (65EE5PC, based on 1 x 4, incl. pallet height) 2,264 x 1,282 x 1,053 mm (65CVR4C, incl. pallet height) 1,960 x 1,140 x 1,086 mm (65MODLC, based on 1 x 4, incl. pallet height)	1,383 x 834 x 252 mm	1,370 x 940 x 355 mm
	Packed Weight	32.6 kg	1 x 4 Model + Packing: 528 kg - 65EE5PC: 190 kg (1 x 4) - 65CVR4C: 198 kg (1 x 4) - 65MODLC: 140 kg (1 x 4)	22.5 kg	74 kg (Panel 3ea, T-CON Box 3 ea, Signage Box 3 ea)
	VESA™ Standard Mount Interface	NA	NA	NA	NA
	Environment	Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity Range	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Typical Consumption	375 W	230 W	190 W	190 W
Standard (Certification)	Safety	UL / cUL / CB / TUV / KC	NA	UL/cUL/CB/TUV/KC	UL/cUL/CB/TUV/KC
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A"/CE/KCC	FCC Class "A"/CE/KCC
	ErP / Energy Star	Yes / NA	Yes / NA	Yes / NA	Yes / NA
Media Player Compatibility	OPS Type Compatible	Yes	NA	Yes	Yes
	External Media Player Attachable	Yes	NA	Yes	Yes
Software Compatibility	SuperSign OLED	Yes	Yes	Yes	Yes
	SuperSign W / C	Yes / Yes	NA / Yes	NA / Yes	NA / Yes
Accessories	Basic	Remote Controller (include battery 2 ea), Power Cord, QSG, Mini HDMI Cable (3 M x 2 ea, for connection between head and signage box), Power Harness Cable (3 M x 2 ea, for connection between head and signage box), Regulation Book, Phone to RS232C Gender, Jack Cover, Signage Box Mounting Bracket	Remote Controller (include battery 2 ea), Power Cord, HDMI Cable, DP Cable 7ea, RS232C Cable 8ea, LAN Cable 9ea, QSG, Regulation Book	Remote Controller (includes 2 ea batteries), Cable (Connection between screen and signage box), Power Cord, DP Cable, RS-232C Cable, RS-232C Gender, LAN Cable, IR Receiver, Manual (ESG, EIG), Wall-mount Plate (includes screws), Harness Locking Cover, Set Install Guide, Signage Box Bracket (J-Leg), FPC Cable Cover	Remote Controller (includes 2 ea Batteries), Power Cord, QSG, Mini HDMI Cable (3 M x 2 ea, for connection between head and signage box), Power Harness Cable (3 M x 2 ea, for connection between head and signage box), Regulation Book, Phone to RS232C Gender, Jack Cover, Signage Box Mounting Bracket
	Optional	OPS Kit (KT-OPSA), Fixed Ceiling Mount Kit (ACC-CF-EH5C), Rotational Ceiling Mount Kit (ACC-CR-EH5C), Wall Mount Kit (ACC-W-EH5C), Stand Kit 1 (ACC-S1-EH5C), Stand Kit 2 (ACC-S1-EH5C), Signage Box Cover (ACC-C-EH5C)	NA	NA	Accessory Type1 (CaseTop/ Bar): A1L****EF5C, A1P****EF5C Accessory Type2 (Jig): A2L****EF5C, A2P****EF5C

* Average Picture Level

* 1+1 means 1 input for 1 each screen.

ULTRA STRETCH

ULTRA HD

		86BH7C/BH5C	UH5C/75UM3C	LS95D	WS70MD/BD
Panel	Screen Size	86"	86", 75", 65", 55", 49"	98"	84"
	Panel Technology	IPS	IPS	IPS	IPS
	Aspect Ratio	58:9	16:9	16:9	16:9
	Native Resolution	3,840 x 600 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Brightness	BH7C: 700 cd/m ² (Typ), BH5C: 500 cd/m ² (Typ)	500 cd/m ² (UH5C), 350 cd/m ² (75UM3C)	500 cd/m ²	WS70MD: 500 cd/m ² , WS70BD: 350 cd/m ²
	Contrast Ratio	1,100:1 (Typ)	1,200:1 (86", 75"), 1,000:1 (65"), 1,100 (55", 49")	1,300:1	1,400:1
	Dynamic CR	500,000:1 (Typ)	4,000,000:1 (86", 75" DTV Label only), 2,000,000:1 (75UM3C DTV Label only) 1,000,000:1	500,000:1	500,000:1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178
	Guaranteed Operating Hour	24 hrs / 7 days	24 hrs / 7 days	24 hrs / 7 days	MD: 24 hrs / 7 days, BD: 16 hrs / 7 days
Connectivity	Input	HDMI(3), DP, OPS, DVI-D, USB 2.0, USB 3.0, SD Card	HDMI, DP, DVI-D, Audio, USB 3.0, SD Card	HDMI(3), DP, DVI-D, Audio, USB3.0, USB2.0(2)	HDMI(3), DP, DVI-D, Audio, USB 3.0(1), USB 2.0(1)
	Output	Analog Audio	DP, Audio	DP, Audio, External Speaker	DP, Audio, External Speaker
	External Control	RS232C, RJ45, IR+B Receiver, Pixel Sensor	RS232C, RJ45, IR Receiver, Pixel Sensor	RS232C, RJ45, IR Receiver	RS232C, RJ45, IR Receiver
Physical Specification	Bezel Width	4.4 mm (L/R), 5.9 mm (T/B)	86": 14.3 mm, 75": 14.9 mm, 65": 12.1 mm (T), 12.6 mm (R/L), 15.7 mm (B), 49": 11.9 mm (T), 12.4 mm (R/L), 15.5 mm (B)	14.9 mm (Even bezel)	27.9 mm (Even bezel)
	Monitor Dimension (W x H x D)	2,158.3 x 348.5 x 81.7 mm	86": 1,926.2 x 1,097.2 x 60.6 mm, 75": 1,682.4 x 960.3 x 57.9 mm, 65": 1,458.6 x 848.9 x 40.1 mm, 55": 1,239.8 x 725.2 x 38.6 mm, 49": 1,103.2 x 648 x 38.6 mm	2,191.8 x 1,246.8 x 69.4 mm	1,923 x 1,109 x 51 mm
	Weight (head)	20.5 kg	86": 49 kg, 75": 41.5 kg, 65": 26 kg, 55": 16.6 kg, 49": 13.3 kg	88 kg	72.9 kg
	Carton Dimensions (W x H x D)	2,290 x 599 x 228 mm	86": 2,073 x 1,260 x 292 mm, 75": 1,816 x 1,123 x 228 mm, 65": 1,561 x 971 x 190 mm, 55": 1,330 x 807 x 170 mm, 49": 1,197 x 760 x 166 mm	2,342 x 1,386 x 402 mm	2,034 x 1,213 x 314 mm
	Packed Weight	38.2 kg	86": 61.1 kg, 75": 49 kg, 65": 32.5 kg, 55": 21.1 kg, 49": 17.7 kg	123 kg	86.7 kg
	VESA™ Standard Mount Interface	600 x 200 mm	86", 75": 600 x 400 mm, 65", 55", 49": 300 x 300 mm	800 x 400 mm	600 x 400 mm
Environment	Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity Range	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Consumption	BH7C: 215W, BH5C: 180W	UH5C: Under 275W / 240W / 134W / 116W / 102W, 75UM3C: 160W	450W	450W
	Smart Energy Saving	30% of typical	UH5C: Under 200W / 170W / 90W / 80W / 70W, 75UM3C: 115W	315W	300W
Standard (Certification)	Safety	UL / cUL / CB / TUV / KC	UL/cUL/CB/TUV/KC	UL/cUL/CB/TUV/KC	UL / cUL / CB scheme / TUV
	EMC	FCC Class "A" / CE / KC	FCC Class "A"/CE/KCC	FCC Class "A"/CE/KCC	FCC Class "A" / VCCI / C-tick / CE / KCC
	ErP / Energy Star	NA / NA	NA/NA (86", 75"), NA/Yes (Energy Star 7.0) (under 65")	No	NA/No
Media Player Compatibility	OPS Type Compatible	Yes	Yes	No/No	No
	External Media Player Attachable	No	Yes (MP500/MP700)	Yes (MP500/MP700)	No
Software Compatibility	SuperSign Lite/W	Yes	Yes	Yes	Yes
	SuperSign C	Yes	Yes	Yes	Yes
Accessories	Basic	Remote Controller (including battery 2 ea), Power Cord, DP (2.6 M), RS- 232C Cable (3 M), Owner's Manual (Website upload)	Remote Controller (include battery 2 ea), Power Cord, QSG, DP Cable (86", 75" only), HDMI Cable (under 65" only), Regulation Book, Phone to RS232C Gender, Memory Cover	Remote Controller (include battery 2 ea), Power Cord, IR/Light sensor receiver, CD (Owner's Manual, SuperSign Program / Manual), HDMI 2.0 Cable, DP cable, Phone jack to BNC cable, RS-232C, WIFI Dongle, EYE- BOLT	Power Cord, Remote Controller (include battery 2 ea), CD (Manual/Elite-C/ESG), Eye Bolt (2 ea), HDMI Cable
	Optional	AN-WF500 (Wi-Fi USB Dongle), MP700, KT-OPSA (OPS KIT), KT-SPO (RGB Sensor) Ultra Stretch Pillar (PL-S/D/FB60) ** Stand is not available	86", 75": Pixel sensor (KT-SPO), Media player, OPS Kit (KT-OPSA), HD Base T (EB-B100) LSW640A/B (Wall Mount) - Speaker (SP-5200), Stand (65" ST- 651T, 55", 49" ST-201T), Pixel sensor (KT-SPO), Media player, Wall bracket (LSW350B), VESA Adapter (AM- B330S), OPS Kit (KT-OPSA), HD Base T (EB-B100)	SP-2200 (External Speaker)	SP-2100 (External Speaker)

SPECIFICATIONS

VIDEO-WALL

		VH7B/VM5B	VH7C/VM5C	49VL5B	LV77A/75A	
Panel	Screen Size	55"	49"	49"	55"	
	Panel Technology	IPS	IPS	IPS	IPS	
	Aspect Ratio	16:9	16:9	16:9	16:9	
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	
	Brightness	VH7B: 700 cd/m ² VM5B: 500 cd/m ²	VH7C: 700 cd/m ² VM5C: 500 cd/m ²	450 cd/m ²	LV77A: 700 cd/m ² LV75A: 500 cd/m ²	
	Contrast Ratio	1,400:1	1,300:1	1,300:1	1,400:1	
	Dynamic CR	500,000:1	500,000:1	500,000:1	500,000:1	
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178	
	Guaranteed Operating Hour	24 hrs / 7 days	24 hrs / 7 days	24 hrs / 7 days	24 hrs / 7 days	
Connectivity	Input	HDMI, DP, DVI-D, OPS, Audio, USB3.0, USB 2.0, RGB	HDMI, DP, DVI-D, OPS, Audio, USB3.0, USB 2.0, RGB	HDMI, DVI-D, RGB, USB	HDMI, DP, DVI-D, Audio, USB	
	Output	DP, Audio	DP, Audio	DVI-D	DP, External Speaker, Audio	
	External Control	RS232C, RJ45, IR Receiver	RS232C, RJ45, IR Receiver	RS232C, RJ45, IR Receiver	RS232C, RJ45, IR Receiver	
Physical Specification	Bezel Width	0.9 mm (Even bezel) / B to B: 1.8 mm * B to B: Panel Bezel + Panel Bezel	0.9 mm (Even bezel) / B to B: 1.8 mm * B to B: Panel Bezel + Panel Bezel	2.3 mm (L/T), 1.2 mm (R/B)	2.25 mm (L/T), 1.25 mm (R/B)	
	Monitor Dimension (W x H x D)	1,211.4 x 682.2 x 86.5 mm	1,075.6 x 605.8 x 86.2 mm	1,077.7 x 607.8 x 89.7 mm	1,213.4 x 684.2 x 88.5 mm	
	Weight (head)	18.6 kg	17.5 kg	17.8 kg	LV77A: 23.2 kg / LV75A: 23 kg	
	Carton Dimensions (W x H x D)	1,353 x 855 x 263 mm	1,214 x 775 x 263 mm	1,214 x 778 x 263 mm	1,337 x 828 x 239 mm	
	Packed Weight	25.3 kg	23.2 kg	22.8 kg	LV77A: 30.5 kg / LV A: 30.3 kg	
	VESA™ Standard Mount Interface	600 x 400 mm	600 x 400 mm	600 x 400 mm	600 x 400 mm	
Environment	Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	
	Operation Humidity Range	10% to 80%	10% to 80%	10% to 80%	10% to 80%	
Power	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	
	Power Consumption	Typical	220W / 150W	TBD / 120W	90W	LV77A: 230W / LV75A: 160W
		Smart Energy Saving	110W / 80W	TBD / 70W	40W	LV75A: 130W / LV75A: 130W
Standard (Certification)	Safety	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "B" / CE / KCC	
	ErP / Energy Star	NA / Yes (Energy Star 7.0)	NA / Yes (Energy Star 7.0)	NA / No	LV77A: NA/No LV75A: NA/Yes (Energy Star 7.0)	
Media Player Compatibility	OPS Type Compatible	Yes	Yes	No	No	
	External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes	Yes	
Software Compatibility	SuperSign Lite/W	Yes	Yes	Yes	Yes	
	SuperSign C	Yes	Yes	Yes	Yes	
Accessories	Basic	Remote Controller, Power Cable, DP Cable, Manual, IR Receiver, RS-232C Cable, LAN Cable, Guide Bracket, Screws	Remote Controller, Power Cable, DP Cable, Manual, IR receiver, RS-232C Cable, LAN Cable, Guide Bracket, Screws	Remote Control, Power Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Guide Bracket, Screw	Remote Controller, Power Cable, DP Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw	
	Optional	Wall Mount (Landscape: WM-L640V, Portrait: WM-P640V), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Wall Mount (Landscape: WM-L640V, Portrait: WM-P640V), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Wall Mount (Landscape: WM-L640V, Portrait: WM-P640V)	WM-L640V (Landscape), WM-P640V (Portrait), Frame Kit (Horizontal: FK-55V10, Vertical: FK-55V20)	

VIDEO-WALL

STANDARD

		LV35A	LS75C/LS73C	SM5C/SM5KC	SM3C	
Panel	Screen Size	55" / 47"	55" / 49" / 42"	65" / 55" / 49" / 43" / 32"	55" / 49" / 43"	
	Panel Technology	IPS	IPS	IPS	IPS	
	Aspect Ratio	16:9	16:9	16:9	16:9	
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	
	Brightness	55": 500 cd/m ² , 49": 450 cd/m ²	LS75C : 700 cd/m ² LS73C: 500 cd/m ²	450 cd/m ² (32": 400 cd/m ²)	350 cd/m ²	
	Contrast Ratio	55": 1,400:1, 49": 1,200:1	1,300:1	1,100:1 (65": 1,300:1)	1,100:1	
	Dynamic CR	500,000:1	500,000:1	4,000,000:1 (32": 2,000,000:1)	2,000,000:1	
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178	
	Guaranteed Operating Hour	24 hrs / 7 days	24 hrs / 7 days	24 hrs / 7 days	18 hrs / 7 days	
Connectivity	Input	HDMI, DVI-D, Audio, USB	HDMI (2), DP, DVI-D, Audio, OPS	HDMI, DP, DVI-D, RGB, Audio, USB 3.0, SD Card	HDMI, DP, DVI-D, RGB, Audio in	
	Output	DVI-D, External Speaker, Audio	DP, Audio, External Speaker	DP, Audio, External Speaker	DP, Audio, External Speaker out	
	External Control	RS232C, RJ45, IR Receiver	RS232C, RJ45, IR/Light Sensor, Pixel Sensor, USB 3.0	RS232C in/out, RJ in, IR Receiver, Pixel Sensor	RS232C, RJ45, IR receiver, Pixel Sensor, USB 3.0, SD card	
Physical Specification	Bezel Width	55": 2.25 mm (L/T) / 1.25 mm (R/B) 47": 3.2 mm (L/T) / 1.7 mm (R/B)	7.4 mm (Even bezel)	11.9 mm (T/R/L), 18 mm (B) (32": 13 mm (T/R/L), 18 mm (B))	11.9 mm (T/R/L), 18 mm (B)	
	Monitor Dimension (W x H x D)	55": 1,213.4 x 684.2 x 88.5 mm 47": 1,044.9 x 590 x 89.9 mm	55": 1,330 x 815 x 174 mm 49": 1,197 x 760 x 134 mm 42": 1,045 x 645 x 127 mm	65": 1,456.9 x 838 x 41.1 mm (SM5KC: 56.5 mm) 55": 1,238 x 714.9 x 38.6 mm (SM5KC: 54 mm) 49": 1,102.2 x 638.5 x 38.6 mm (SM5KC: 54 mm) 43": 969.6 x 563.9 x 38.6 mm (SM5KC: 54 mm) 32": 729.4 x 428.9 x 55.5 mm (SM5KC: 55.5 mm) [SM5C] 65": 27.7 kg, 55": 17.3 kg, 49": 14.1 kg, 43": 9.8 kg, 32": 5.2 kg [SM5KC] 65": 27.9 kg, 55": 17.5 kg, 49": 14.3 kg, 43": 10 kg, 32": 5.4 kg	55": 1,238 x 714.9 x 38.6 mm 49": 1,102.2 x 638.5 x 38.6 mm 43": 969.6 x 563.9 x 38.6 mm	
	Weight (head)	55": 23 kg 47": 16.5 kg	55": 20.7 kg / 49": 15.6 kg / 42": 12.5 kg	65": 1,561 x 977 x 190 mm 55": 1,330 x 807 x 170 mm 49": 1,197 x 760 x 166 mm 43": 1,052 x 650 x 123 mm 32": 810 x 510 x 132 mm [SM5B] 65": 33.6 kg, 55": 21.5 kg, 49": 17.2 kg, 43": 12.4 kg, 32": 6.5 kg [SM5KB] 65": 33.8 kg, 55": 21.7 kg, 49": 17.4 kg, 43": 12.6 kg, 32": 6.7 kg"	55": 17.3 kg, 49": 14.1 kg, 43": 9.8 kg	
	Carton Dimensions (W x H x D)	55": 1,337 x 828 x 239 mm 47": 1,164 x 765 x 239 mm	55": 1,230 x 776 x 298 mm 49": 1,095 x 700 x 298 mm 42": 949 x 618 x 298 mm	65": 1,561 x 977 x 190 mm 55": 1,330 x 807 x 170 mm 49": 1,197 x 760 x 166 mm 43": 1,052 x 650 x 123 mm 32": 810 x 510 x 132 mm	55": 1,330 x 807 x 170 mm 49": 1,197 x 760 x 166 mm 43": 1,052 x 650 x 123 mm	
	Packed Weight	55": 30 kg 47": 21.5 kg	55": 25.2 kg / 49": 18.7 kg / 42": 14.8 kg	65": 33.6 kg, 55": 21.5 kg, 49": 17.2 kg, 43": 12.4 kg, 32": 6.5 kg [SM5KB] 65": 33.8 kg, 55": 21.7 kg, 49": 17.4 kg, 43": 12.6 kg, 32": 6.7 kg"	55": 21.5 kg, 49": 17.2 kg, 43": 12.4 kg	
	VESA™ Standard Mount Interface	600 x 400 mm	400 x 400 mm	300 x 300 mm (43", 32": 200 x 200 mm)	300 x 300 mm (43": 200 x 200 mm)	
	Environment	Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity Range	10% to 80%	10% to 80%	10% to 80%	10% to 80%	
Power	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	
	Power Consumption	Typical	55": 160W / 47": 130W	55": 140W / 49": 125W / 42": 110W	65": 120W, 55": 100W, 49": 85W, 43": 75W, 32": 60W	55": 95W, 49": 80W, 43": 70W
		Smart Energy Saving	55": 90W / 47": 85W	55": 100W / 49": 90W / 42": 80W	65": 85W, 55": 70W, 49": 60W, 43": 55W, 32": 45W	55": 68W, 49": 58W, 43": 52W
Standard (Certification)	Safety	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	
	ErP / Energy Star	NA / Yes (Energy Star 6.0)	NA / No	NA / NA	NA / Yes (Energy Star 7.0)	
Media Player Compatibility	OPS Type Compatible	No	Yes	Yes	Yes	
	External Media Player Attachable	Yes	Yes (MP500/MP700)	Yes (MP500/MP700), (32": No)	Yes (MP500/MP700)	
Software Compatibility	SuperSign Lite/W	Yes	Yes	Yes	Yes	
	SuperSign C	Yes	Yes	Yes	Yes	
Accessories	Basic	Remote Controller, Power Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Guide Bracket, Screw	Remote Controller (2 ea batteries included), Power Cord, IR/Light Sensor Receiver, QSG, Regular Book (depend on regional standard), HDMI Cable	Remote Controller (included 2 ea batteries), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory Cover	Remote Controller (2ea batteries included), Power cord, QSG, RGB cable, Regulation book, Phone to RS232C gender, Memory Cover	
	Optional	WM-L640V (Landscape), WM-P640V (Portrait), Frame Kit (Horizontal: 55": FK-55V10 / 47": FK-47V10), (Vertical: 55": FK-55V20 / 47": FK-47V20)*	SP-2100 (External speaker), ST-200T, LSW440S, AN-WF500 (Wi-Fi USB dongle), KT-OPSA (OPS kits), KT-SPO (Pixel sensor)	Speaker (SP-5000), Stand (65": ST-652T/ 55": 49": ST-492T/ 43": ST-432T/ 32": ST-322T), Pixel Sensor (KT-SPO), Media Player (except 32"), Wall Bracket (65", 55", 49": LSW350B/ 43", 32": LSW230B), VESA Adapter (65", 55", 49": AM-B330S/ 43": AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (55", 49": ST-492T/ 43": ST-432T), Pixel Sensor (KT-SPO), Media Player, Wall Bracket (55", 49": LSW350B/ 43": LSW230B), VESA Adapter (55", 49": AM-B330S/ 43": AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	

SPECIFICATIONS

STANDARD

		22SM3B	SH7DB	SL5B	SE3C
Panel	Screen Size	21.5"	55" / 49" / 42"	55" / 49" / 43" / 32"	55" / 49" / 43"
	Panel Technology	IPS	IPS	IPS	IPS
	Aspect Ratio	16:9	16:9	16:9	16:9
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness	250 cd/m ²	700 cd/m ²	450 cd/m ²	300 cd/m ²
	Contrast Ratio	1,000:1	1,300:1	1,100:1 (32": 1,300:1)	1,100:1
	Dynamic CR	4,000,000:1	500,000:1	500,000:1	500,000:1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178
	Guaranteed Operating Hour	16 hrs / 7 days	24 hrs / 7 days	18 hrs / 7 days (32": 24 hrs)	16 hrs / 7 days
Connectivity	Input	HDMI, RGB, Audio, USB 3.0	HDMI, DP, DVI-D, RGB, Audio, USB	HDMI, DP(32"), DVI, RGB, Audio, USB(2)	HDMI, RGB, Audio, USB
	Output	-	DP, Audio, External Speaker	RS232C, RJ45, IR Receiver	External Speaker Out
	External Control	RS232C In, IR Receiver, Pixel Sensor, RJ45	RS232C RJ45, IR Receiver, Pixel Sensor (Optional)	Audio, External Speaker Out	RS232C, RJ45, IR receiver
Physical Specification	Bezel Width	16.3 mm	7.4 mm	11.9 mm (T/R/L), 18 mm (B) 32": 18.9 mm (T/R/L), 26 mm (B)	11.9 mm (T/R/L), 18 mm (B)
	Monitor Dimension (W x H x D)	510.3 x 302.1 x 53.8 mm	55": 1,230 x 714 x 32 mm 49": 1,095 x 637 x 32 mm 42": 949 x 555 x 32 mm	55": 1,238 x 714.9 x 38.6 mm 49": 1,102.2 x 638.5 x 38.6 mm 43": 969.6 x 563.9 x 38.6 mm 32": 740.4 x 442 x 35.6 mm	55": 1,238 x 714.9 x 38.6 mm 49": 1,102.2 x 638.5 x 38.6 mm 43": 969.6 x 563.9 x 38.6 mm
	Weight (head)	3.6 kg	55": 20.7 kg 49": 15.6 kg 42": 12.5 kg	55": 17.3 kg, 49": 14.1 kg, 43": 9.8 kg, 32": 8 kg	55": 17.1 kg, 49": 13.9 kg, 43": 9.6 kg
	Carton Dimensions (W x H x D)	565 x 357 x 103 mm	55": 1,330 x 815 x 174 mm 49": 1,197 x 760 x 134 mm 42": 1,045 x 645 x 127 mm	55": 1,330 x 807 x 170 mm 49": 1,197 x 760 x 166 mm 43": 1,052 x 650 x 123 mm 32": 850 x 585 x 121 mm	55": 1,330 x 807 x 170 mm 49": 1,197 x 760 x 166 mm 43": 1,052 x 650 x 123 mm
	Packed Weight	4.7 kg	55": 25.2 kg 49": 18.7 kg 42": 14.8 kg	55": 21.5 kg, 49": 17.2 kg, 43": 12.4 kg, 32": 9.9 kg	55": 21.3kg, 49": 17 kg, 43": 12.2 kg
	VESA™ Standard Mount Interface	100 x 100 mm	400 x 400 mm	300 x 300 mm (43", 32": 200 x 200 mm)	300 x 300 mm (43": 200 x 200 mm)
Environment	Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity Range	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Consumption	Typical 35W	55": 140W, 49": 125W, 42": 110W	55": 85W, 49": 75W, 43": 65W, 32": 65W	55": 80W, 49": 65W, 43": 55W
	Smart Energy Saving	On 25.13W / Off 29.76W	55": 95W, 49": 80W, 42": 60W	55": 65W, 49": 55W, 43": 50W, 32": 42W	55": 55W, 49": 50W, 43": 45W
Standard (Certification)	Safety	UL / cUL / CB / TUV	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC
	EMC	FCC Class "B" / CE	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA / No	NA / No	NA / Yes (Energy Star 7.0)	Yes / Yes (Energy Star 7.0)
Media Player Compatibility	OPS Type Compatible	No	Yes	No (32": Yes)	No
	External Media Player Attachable	No	Yes (MP500/MP700)	Yes (MP500/MP700), (32": No)	Yes (MP500/MP700)
Software Compatibility	SuperSign Lite/W	Yes	Yes	Yes	Yes
	SuperSign C	Yes	Yes	Yes	Yes
Accessories	Basic	Remote Controller (include 2ea batteries), Power Cord, QSG, RGB Cable, Phone to RS232C Gender	Remote Controller(include battery 2ea), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, IR Receiver	Remote Controller(include battery 2ea), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, IR Receiver	Remote Controller(include battery 2ea), Power Cord, QSG, RGB Cable, Regulation Book, IR Receiver
	Optional	Pixel Sensor (KT-SPO)	SP-2100 (External Speaker), ST-200T LSW4405, AN-WF500 (WiFi USB Dongle), KT-OPSA (OPS Kits), KT-SPO (Pixel Sensor)	Speaker (SP-5000/ 32": SP-2100), Stand (55", 49": ST-492T/ 43": ST-432T/ 32": ST-320T), Media Player, Wall Bracket (55", 49": LSW350B/ 43": LSW230B/ 32": LSW220), VESA Adapter (55", 49": AM-B330S/ 43": AM-B220S), Touch overlay (except 32"), OPS Kit (32" only)	Speaker (SP-5000), Stand (55", 49": ST-492T/ 43": ST-432T), Media Player, Wall Bracket (55", 49": LSW350B/ 43": LSW230B), VESA Adapter (55", 49": AM-B330S/ 43": AM-B220S), Wi-Fi dongle (AN-WF500), Touch overlay (55": KT-T550/ 49": KT-T490/ 43": KT-T430)

STANDARD

HIGH BRIGHTNESS

		SE3B/SE3KB	XE3C	XS2C	XF3C	
Panel	Screen Size	65" / 55" / 49" / 43" / 32"	75" / 55"	75" / 55"	75" / 55" / 49"	
	Panel Technology	IPS	IPS	IPS	M+ (WRGB)	
	Aspect Ratio	16:9	16:9	16:9	16:9	
	Native Resolution	1,920 x 1,080 (FHD)	75": 3,840 x 2,160 (UHD), M+ 55": 1,920 x 1,080 (FHD), M+	75": 3,840 x 2,160 (UHD), M+ 55": 1,920 x 1,080 (FHD), M+	75": 3,840 x 2,160 (UHD) 55": 1,920 x 1,080 (FHD)	
	Brightness	350 cd/m ² (65": 400 cd/m ²)	3,000 cd/m ²	2,500 cd/m ²	3,000 cd/m ²	
	Contrast Ratio	1,100:1 (65": 1,300:1)	1200:1 (75"), 1,000:1 (55", 49")	1200:1 (75"), 1,000:1 (55")	1200:1 (75"), 1,000:1 (55", 49")	
	Dynamic CR	500,000:1	500,000:1	500,000:1	500,000:1	
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178	
	Guaranteed Operating Hour	18 hrs / 7 days	24 hrs / 7 days	24 hrs / 7 days	24 hrs / 7 days	
Connectivity	Input	HDMI, DVI, RGB, Audio, USB(2)	HDMI, DP, DVI-D, Audio	HDMI (2), DP, DVI-D, Audio, USB	HDMI(2), DP, DVI-D, Audio, USB3.0	
	Output	Audio, External Speaker out (SE3B only)	DP, External Speaker Out	DP, External Speaker Out	DP, External Speaker Out	
	External Control	RS232C, RJ45, IR receiver	RS232C, RJ45, USB 3.0, SD Card	RS232C, RJ45, IR Receiver, Pixel Sensor	RS232C, RJ45, IR Receiver, Pixel Sensor	
Physical Specification	Bezel Width	11.9 mm (T/R/L), 18 mm (B) (32": 13 mm (T/R/L), 18 mm (B))	75": 110 mm (T) 230 mm (B), 73.3 mm (L/R) (TBD) 55": 66.4 mm (T/B), 31.0 mm (L/R)	75": 12.8 mm 55": 9.9 mm (L/R), 12 mm (T/B)	75": 12.8 mm (Even bezel) 55": 9.9 mm (L/R), 12 mm (T/B) 49": 6.5 mm (L/R), 9 mm (T/B)	
	Monitor Dimension (W x H x D)	65": 1,456.9 x 838 x 41.1 mm (SE3KB: D 56.5 mm), 55": 1,238 x 714.9 x 38.6 mm (SE3KB: D 54 mm), 49": 1,102.2 x 638.5 x 38.6 mm (SE3KB: D 54 mm), 43": 969.6 x 563.9 x 38.6 mm (SE3KB: D 54 mm), 32": 729.4 x 428.9 x 55.5 mm (SE3KB: D 55.5 mm)	75": 1075.6 x 1991.6 x 219 mm (TBD) 55": 745.3 x 1345.4 x 160.0 mm	75": 1,675.2 x 953.6 x 116 mm 55": 1,238.4 x 709.4 x 85.4 mm	75": 1,675.2 x 953.6 x 123.9 mm 55": 1,235.4 x 709.4 x 106 mm 49": 1,092.7 x 626.4 mm x 105 mm	
	Weight (head)	[SE3B] 65": 27.7 kg, 55": 17.3 kg, 49": 14.1 kg, 43": 9.8 kg, 32": 5.2 kg [SE3KB] 65": 27.9 kg, 55": 17.5 kg, 49": 14.3 kg, 43": 10 kg, 32": 5.4 kg	75": 180 kg (TBD) 55": 70 kg	75": 43 kg 55": 26.7 kg	75": 36.7 kg 55": 28.5 kg 49": 22 kg	
	Carton Dimensions (W x H x D)	65": 1,561 x 977 x 190 mm 55": 1,330 x 807 x 170 mm 49": 1,197 x 760 x 166 mm 43": 1,052 x 650 x 123 mm 32": 810 x 510 x 132 mm	75": 1,292 x 2296 x 468 mm (TBD) 55": 1,027 x 1,491 x 309 mm	75": 1,816 x 1,106 x 285 mm 55": 1,344 x 820 x 215 mm	75": 1,816 x 1,106 x 285 mm 55": 1,344 x 820 x 236 mm 49": 1,195 x 760 x 196 mm	
	Packed Weight	[SE3B] 65": 33.6 kg, 55": 21.5 kg, 49": 17.2 kg, 43": 12.4 kg, 32": 6.5 kg [SE3KB] 65": 33.8 kg, 55": 21.7 kg, 49": 17.4 kg, 43": 12.6 kg, 32": 6.7 kg		75": 52.2 kg 55": 31.9 kg	75": 46.3 kg 55": 33.7 kg 49": 26.7 kg	
	VESA™ Standard Mount Interface	300 x 300 mm (43", 32": 200 x 200 mm)	NA	600 x 400 mm	75": NA / 55", 49": 600 x 400 mm	
	Environment	Operation Temperature Range	0°C to 40°C	-30 °C to 50 °C	75": 0°C - 40°C (w/o Direct Sunlight), 0°C - 30°C (Direct Sunlight) 55": 0°C - 45°C (w/o Direct Sunlight), 0°C - 35°C (Direct Sunlight)	0 °C to 50 °C (w/o Direct Sunlight), 0 °C to 40 °C (Direct Sunlight)
		Operation Humidity Range	10% to 80%	5% to 100%	10% to 80%	75": 10% to 85% 55", 49": 10% to 80%
Power	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	
	Power Consumption Typical Smart Energy Saving	65": 95W, 55": 70W, 49": 65W, 43": 60W, 32": 50W 65": 70W, 55": 55W, 49": 50W, 43": 45W, 32": 35W	75": 900W (TBD) 55": 350W 75": 500W (TBD) 55": 178W	75": 650W, 55": 240W 75": 280W, 55": 140W	75": 750W, 55": 280W, 49": 190W 75": 320W, 55": 160W, 49": 85W	
Standard (Certification)	Safety	UL / cUL / CB / TUV / KC	UL / cUL / CB	RU / CB scheme	RU / CB scheme	
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	
	ErP / Energy Star	NA / Yes (Energy Star 7.0), (32": NA / NA)	No / No	No / No	No / No	
Media Player Compatibility	OPS Type Compatible	No	No	No	No	
	External Media Player Attachable	Yes (MP500/MP700), (32": No)	No	No	No	
Software Compatibility	SuperSign Lite/W	Yes	Yes	Yes	Yes	
	SuperSign C	Yes	Yes	Yes	Yes	
Accessories	Basic	Remote Controller (include battery 2 ea), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, IR Receiver	Remote Controller, Manual, QSG, Regulation Book, Phone to RS232C Gender, USB cable, HDMI cable	Remote Controller (2 batteries included), Power Cord, HDMI Cable, Manual (ESG&EIG)	Remote Controller (including battery 2 ea), Power Cord, HDMI Cable, IR extension cable/ PCB, Manual (ESG&EIG), IR BRKT (75" only)	
	Optional	Speaker (SP-5000)(SE3B only), Stand (65": ST-652T/ 55", 49": ST-492T/ 43": ST-432T/32": ST-322T), Media Player (except 32"), Wall Bracket (65", 55", 49": LSW350B/ 43": LSW230B/ 32": LSW230B), VESA Adapter (65", 55", 49": AM-B330S/ 43": AM-B220S)(except 32"), Touch overlay (65": KT-T651/ 55": KT-T550/ 49": KT-T490/ 43": KT-T430/ 32": KT-T320)	Media player (driven by customer), Enclosure Stand	LSW630 (Wall Mount), WM-L640V (Landscape 55"), WM-P640V (Portrait 55"), KT-SPO, AN-WF500 *Stand is not available	KT-SPO, AN-WF500 (49" only) *Stand is not available	

SPECIFICATIONS

			HIGH BRIGHTNESS		TRANSPARENT	
			XS1D	WEC(49/32")	LW55A	WFC/WFB
Panel	Screen Size		49"	49" / 32"	32"	55" / 49" / 32"
	Panel Technology		IPS	IPS (M+)	IPS	IPS
	Aspect Ratio		16:9	16:9	16:9	16:9
	Native Resolution		1,920 x 1,080 (FHD), M+	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness		1,500 cd/m ²	100 cd/m ²	5.9% (Typ)	55": 10% (Typ), 49": 9.5% (Typ), 32": 8.6%
	Contrast Ratio		1,100:1 (TBD)	NA	1,200 (Typ)	55": 1,000 (Typ), 49": 1,300
	Dynamic CR		500,000:1	NA	NA	NA
	Viewing Angle (H x V)		178 x 178	NA	178 x 178	178 x 178
	Guaranteed Operating Hour		24 hrs / 7 days	-	24 hrs / 7 days	24 hrs / 7 days
Connectivity	Input		HDMI(2), DP, DVI-D, Audio, USB3.0	HDMI (32" only), USB	LVDS (51Pin)	55"/49": LVDS (40Pin) 32": LVDS (51Pin)
	Output		DP, Audio, External Speaker Out	Audio (32" only)	-	-
	External Control		RS232C, RJ45, IR/Light sensor, Pixel Sensor	RS232C (32" only), RJ45 (32" only), IR Receiver (32" only)	-	-
Physical Specification	Bezel Width		7.4 mm (even bezel)	49": 184.6 mm (T), 223.6 mm (B), 60 mm (R/L) 32": 124.8 mm (T), 123.3 mm (B), 117.3 mm (R/L)	83.05 mm (T), 17.5 mm (B/L/R)	55": 35.75 mm (T), 66.55 mm (B), 18.7 mm (L), 98.8 mm (R) 49": 64.1 mm (T), 18.7 mm (B), 18.7 mm (L), 125.86 mm (R) 32": 83.05 mm (T), 17.5 mm (B/R/L)
	Monitor Dimension (W x H x D)		1,095 x 637 x 32 mm	[Cooler Dimension] 49": 730 x 1,861 x 773 mm 32": 636.7 x 1,045.5 x 651 mm	743.2 x 504.2 x 11.2 mm	55": 1,331.1 x 786.7 x 11.2 mm 49": 1,222.34 x 690.8 x 11.2 mm 32": 743.2 x 504.2 x 11.2 mm
	Weight (head)		15.6 kg	[Net Weight] 49": 114 kg 32": 80 kg (TBD)	2.6 kg	55": 5.4 kg 49": 6.6 kg 32": 2.6 kg
	Carton Dimensions (W x H x D)		1,197 x 760 x 134 mm	49": 765 x 2037.5 x 801 mm 32": 751 x 1,195 x 699 mm	834 x 570 x 114 mm	55": 1,421 x 877 x 118 mm 49": 1,303 x 771 x 118 mm 32": 834.0 x 570.0 x 114 mm
	Packed Weight		18.7 kg	49": 162 kg 32": 90 kg (TBD)	3.8 kg	55": 1,421 x 877 x 118 mm 49": 1,303 x 771 x 118 mm 32": 834.0 x 570.0 x 114 mm
	VESA™ Standard Mount Interface		400 x 400 mm	NA	NA	NA
Environment	Operation Temperature Range		0°C to 40°C	5°C to 35°C	0°C to 40°C	0°C to 40°C
	Operation Humidity Range		10% to 80%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply		100-240V~, 50/60Hz	220-240V~, 50Hz, 2.5A	-	-
	Power Consumption		125W (TBD)	49": 300W, 32": TBD	7.2 W(Typ.)(12V Input)	55": 5.52W 49": 5.4W 32": 6.3W
	Smart Energy Saving		90W (TBD)	NA	-	-
Standard (Certification)	Safety		UL / cUL / CB / TUV / KC	CE	-	-
	EMC		FCC Class "A" / CE / KCC	CE	-	-
	ErP / Energy Star		No / No	49": NA, 32": TBD	-	-
Media Player Compatibility	OPS Type Compatible		Yes	NA	-	-
	External Media Player Attachable		Yes (MP500/MP700)	NA	-	-
Software Compatibility	SuperSign Lite/W		Yes	Yes	-	-
	SuperSign C		Yes	Yes	-	-
Accessories	Basic		Remote Controller (including battery 2 ea), Power Cord, IR/Light sensor receiver, QSG, Regular Book (depend on regional standard), HDMI Cable	49": Remote Controller (including battery 2ea), WiFi Dongle, Anker Bolt (1 set), Rubber Pad (12 ea) 32": Remote Controller (including battery 2 ea), IR Receiver	CD Manual, Book Manual	Simple Book
	Optional		SP-2100 (External Speaker), ST-200T, LSW440S, AN-WF500 (WiFi USB Dongle), KT-OPSA (OPS Kits), KT-SPO (Pixel Sensor)	49": No, 32": AN-WF500	-	-

INTERACTIVE

MIRROR

		TR3B	SM3TB	MS75A-7BB
Panel	Screen Size	84"	10"	49"
	Panel Technology	IPS	ADS	IPS
	Aspect Ratio	16:9	16:10	16:9
	Native Resolution	3,840 x 2,160 (UHD)	1,280 x 800 (HD)	1,920 x 1,080 (FHD)
	Brightness	350 cd/m ² , (300 cd/m ² with Protection Glass)	Module: 450 cd/m ² , Set: 400 cd/m ² (W/Touch)	630 cd/m ² (700 cd/m ² without mirror glass)
	Contrast Ratio	1,400:1	900:1	1,000:1
	Dynamic CR	500,000:1	-	150,000:1
	Viewing Angle (H x V)	178 x 178	160 x 160	178 x 178
	Guaranteed Operating Hour	-	16 hrs / 7 days	24 hrs / 7 days
Connectivity	Input	HDMI (2), DP, DVI-D, Component AV, Audio, USB3.0 (1), USB2.0 (2)	USB2.0, SD Card	HDMI (2), DP, DVI, Audio, USB2.0
	Output	Audio, External Speaker out,	-	RS232C, RJ45, IR/Light Sensor, Pixel Sensor
	External Control	RS232C, LAN, IR/Light Sensor, Pentray Control	RJ45	DP, External Speaker out
Physical Specification	Bezel Width	34.0 mm	14 mm	8.4 mm
	Monitor Dimension (W x H x D)	1,951.2 x 1,137.2 x 111.9 mm	245.6 x 164.2 x 29.7 mm	1,095.0 x 625.2 x 37.3 mm
	Weight (head)	104 kg	0.63 kg	22.0 kg
	Carton Dimensions (W x H x D)	2,050 x 1,261 x 330 mm	327 x 224 x 95 mm	1,330 x 810 x 174 mm
	Packed Weight	119.1 kg	1.041 kg	25.3 kg
	VESA™ Standard Mount Interface	600 x 400 mm, M8	50 x 50 mm	400 x 400 mm
Environment	Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity Range	10% to 80%	10% to 90%	10% to 80%
Power	Power Supply	100-240V~, 50/60Hz, 5.7A	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Consumption	400W	10W	125W
	Smart Energy Saving	30% ± 5%	-	95W
Standard (Certification)	Safety	UL / cUL / CB / TUV / KC	UL / cUL / TUV	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA	NA / Yes (Energy Star 6.0)	NA / No
Media Player Compatibility	OPS Type Compatible	No	No	No
	External Media Player Attachable	Yes (MP500, MP700)	No	Yes (MP500/MP700), KT-OPSA
Software Compatibility	SuperSign Lite/W	No	No	Yes
	SuperSign C	Yes	No	Yes
Accessories	Basic	Power Cord, Remote Controller (include battery 2 ea), IR/Light sensor receiver, USB 2.0 Cable, HDMI 2.0 Cable, DisplayPort Cable, Cable Tie (2 ea), Touch Pen (2 ea), PenTray (1 ea), Eye-Bolt Assy (2 ea), Screw Package, ESG	Adaptor, Manual (Web), ESG	Remote Controller (include battery 2 ea), Power Cord, IR/Light Sensor Receiver, CD (Owner's Manual), HDMI Cable
	Optional	Media Player: MP700/MP500 External Speaker: SP-2100 Pen Tray: KT-WT1 (TBD)	No	SP-2100, ST-200T, LSW440S, AN-WF500 (WiFi USB Dongle), KT-OPSA (OPS Kits), KT-SPO

SPECIFICATIONS

SUPERSIGN TV

LW540S (ASIA/MEA)

Display	Screen Size	43"	49"	55"	
	Type	Direct LED		Edge LED	
	Resolution	1,920 x 1,080 (FHD)			
	Brightness	300 cd/m ²			
	Dynamic Contrast Ratio	1,000,000:1			
	Static Contrast Ratio	1,200:1			
	Viewing Angle Degree	178 / 178			
	Response Time (G to G)	9 ms			
	Frame Rate	60 Hz			
Broadcasting System	Analog	PAL/SECAM			
	Digital	DVB-T2/C (Varied by Countries) *Philippines : 6MHz available			
Video	Triple XD Engine	•			
	Real Cinema 24p (3:3 pull down)	•			
	Aspect Ratio	8 modes (16:9, Just Scan, Original, Full Wide, 4:3, 14:9, Zoom, Cinema Zoom 1)			
Audio	Audio Output / Speaker System	10W + 10W / 2.0 ch			
	Sound Mode	6 modes (Standard, News, Music, Cinema, Soccer, Game) *India only : 6 modes (Standard, News, Bollywood, Cinema, Cricket, Game)			
	Clear Voice	•			
General Features	Management	Diagnostics (USB)			
	Interactivity	HTNG / HDMI-CEC			
	Connectivity	MHL			
	RJP Interface	RS-232C, HDMI			
	RJP Compatibility	Teleadapt (RS-232C), Teleadapt / Guestlink (HDMI CEC)			
	Advanced Setting Option	Auto Off / Auto Sleep, Motion Eye Care, Energy Saving			
	Anti-theft System	Kensington Lock			
Commercial Features	Hotel Mode, Lock Mode, IR Out, External Speaker Out, USB Auto Play Back, USB Cloning, One Channel Map, Multi IR Code, Welcome Screen/Video, Time Scheduler, SNMP, RTC, NTP, WiFi Dongle Ready				
Interface	Side	HDMI In, USB 2.0 (2), CI Slot			
	Rear	RF In, Component In, Digital Audio Out (Optical), RGB In, PC Audio Input (Sharing with Component In), RS-232C, HDMI In, LAN Port, Headphone Out, External Speaker Out			
Cabinet	Bezel Width (L/R, U, B): on bezel based	12.1, 12.1, 15.1 mm		12.9, 12.9, 15.9 mm	
	Bezel Width (L/R, U, B): off bezel based	9.8, 9.8, 12.8 mm		10.4, 10.4, 13.4 mm	
	Vesa	200 x 200 mm	300 x 300 mm		
	W x H x D / weight (w/o stand)	974 x 571 x 70.3 mm (SPK 79.4) / 9.2 kg	1,107 x 645 x 70.3 mm (SPK 79.4) / 12 kg	1,241 x 720 x 41.5 mm (SPK 63.0) / 16.3 kg	
	W x H x D / weight (with stand)	974 x 620 x 199 mm / 9.5 kg	1,107 x 702 x 216 mm / 12.1 kg	1,241 x 775 x 216 mm / 16.6 kg	
W x H x D / weight (carton)	1,060 x 660 x 152 mm / 11.7 kg	1,197 x 775 x 162 mm / 16.1 kg	1,360 x 835 x 152 mm / 21.3 kg		
power (Unit : Watts)	Voltage, HZ	100 ~ 240V, 50/60Hz			
	Max	88.4 W	97.0 W	122.3 W	
	Typical	64.8 W	73.5 W	98.8 W	
	Energy Saving (Min)	55.4 W	59.0 W	73.7 W	
	Energy Saving (Med)	42.7 W	47.8 W	58.7 W	
	Energy Saving (Max)	31.4 W	35.1 W	45.6 W	
	Stand-by	0.22 W	0.20 W	0.20 W	
Standard Approval	Safety	Varied by Countries			
	EMC	Varied by Countries			
	ETC	Varied by Countries			
Software Compatibility	SuperSign Lite (Free), SuperSign C (Free), SuperSign Simple Editor (Free), SuperSign W				



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