LG 2017 商用顯示器產品型錄

INFORMATION DISPLAY AND SOLUTIONS

產品諮詢專線：
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諾亞媒體
NOVA MEDIA
台灣樂金LG授權商用顯示器在台正式經銷商

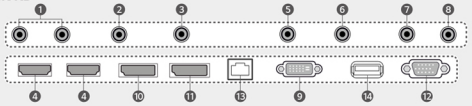
Specifications

SM5KD Series		65SM5KD	55SM5KD	49SM5KD	43SM5KD	32SM5KD
PANEL	Screen Size	65"	55"	49"	43"	32"
	Panel Technology	IPS				
	Aspect Ratio	16 : 9				
	Native Resolution	1,920 x 1,080 (FHD)				
	Brightness	450 cd/m²				400 cd/m²
	Viewing Angle (H x V)	178 x 178				
	Response Time	10 ms (G to G BW), 7.6 ms (WOT)	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	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1 % (Typ.))				
	Guaranteed Operating Hour	24 hrs				
	Orientation	Portrait & Landscape				
CONNECTIVITY	Input	HDMI (2), DP, DVI-D, RGB, Audio, USB 3.0				
	Output	DP, Audio				
	External Control	RS232C in/out, RJ in, IR Receiver, Pixel Sensor				
PHYSICAL SPECIFICATION	Bezel Color	Black				
	Bezel Width	11.9 mm (T/R/L), 18 mm (B)	11.9 mm (T/R/L), 18 mm (B)	11.9 mm (T/R/L), 18 mm (B)	11.9mm (T/R/L), 18 mm (B)	13 mm (T/R/L), 18 mm (B)
	Monitor Dimension (W x H x D)	1,456.9 x 838 x 56.5 mm	1,238 x 714.9 x 54 mm	1,102.2 x 638.5 x 54 mm	969.6 x 563.9 x 54 mm	729.4 x 428.9 x 55.5 mm
	Weight (Head)	27.9 kg	17.5 kg	14.3 kg	10.0 kg	5.4 kg
	Monitor with Optional Stand Dimensions (W x H x D)	1,456.9 x 898.1 x 293.7 mm	1,238 x 773.4 x 219.6 mm	1,102.2 x 696.8 x 219.6 mm	969.6 x 622.2 x 193 mm	729.4 x 481 x 154.2 mm
	Weight (Head + Stand)	33.1 kg	20.8 kg	17.6 kg	12.5 kg	6.2 kg
	Carton Dimensions (W x H x D)	1,561 x 977 x 190 mm	1,330 x 807 x 170 mm	1,197 x 760 x 166 mm	1,052 x 650 x 123 mm	810 x 510 x 132 mm
	Packed Weight	33.8 kg	21.7 kg	17.4 kg	12.6 kg	6.7 kg
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm	200 x 200 mm	200 x 200 mm
SPECIAL FEATURES		Temperature Sensor, Auto Brigtness Sensor, Tile Mode (Up to 15x15), DPM Select, DPM Wake Up, Energy Saving, Smart Energy Saving, File Play with USB, PIP/PBP (2), Internal Memory (8 GB), USB Cloning, Easy Brightness Control, Holiday Schedule, Limited Mode, Wake on LAN, Fail Over, Mirroring, SoftAP, BEACON, Embedded Template				
ENVIRONMENTAL CONDITIONS	Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply	100-240 V~, 50/60 Hz				
	Power Type	Built-In Power				
	Power Switch	No				
POWER CONSUMPTION	Typ.	120 W	100 W	85 W	75 W	60 W
	Smart Energy Saving	85 W	70 W	60 W	55 W	45 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC				
	EMC	FCC Class "A" / CE / KCC				
	ErP / Energy Star	NA / Yes (Energy Star 7.0)				
	Audio Power	20 W (10 W x 2) for Internal Speaker (6 ohm)				
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes				
	External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)	No
SOFTWARE COMPATIBILITY	SuperSign Premium	Yes				
	SuperSign Link	Yes				
ACCESSORIES	Basic	Remote Controller (included 2ea batteries), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory cover				
	Optional	Speaker (SP-5000), Stand (ST-652T), Pixel Sensor (KT-SP0), Media Player, Wall Bracket (LSW350B), VESA Adapter (AMB330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T651)	Speaker (SP-5000), Stand (ST-492T), Pixel Sensor (KT-SP0), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T550)	Speaker (SP-5000), Stand (ST-492T), Pixel Sensor (KT-SP0), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T490)	Speaker (SP-5000), Stand (ST-432T), Pixel Sensor (KT-SP0), Media Player, Wall Bracket (LSW230B), VESA Adapter (AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T430)	Speaker (SP-5000), Stand (ST-322T), Pixel Sensor (KT-SP0), Wall Bracket (LSW230B), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T320)

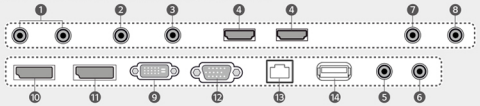
Connectivity

1. SPEAKER OUT
2. AUDIO IN
3. AUDIO OUT
4. HDMI
5. RS-232C IN
6. RS-232C OUT
7. PIXEL SENSOR
8. IR & LIGHT SENSOR
9. DVI-D IN
10. DP IN
11. DP OUT
12. RGB IN
13. LAN
14. USB 3.0

65SM5KD



55SM5KD / 49SM5KD / 43SM5KD / 32SM5KD



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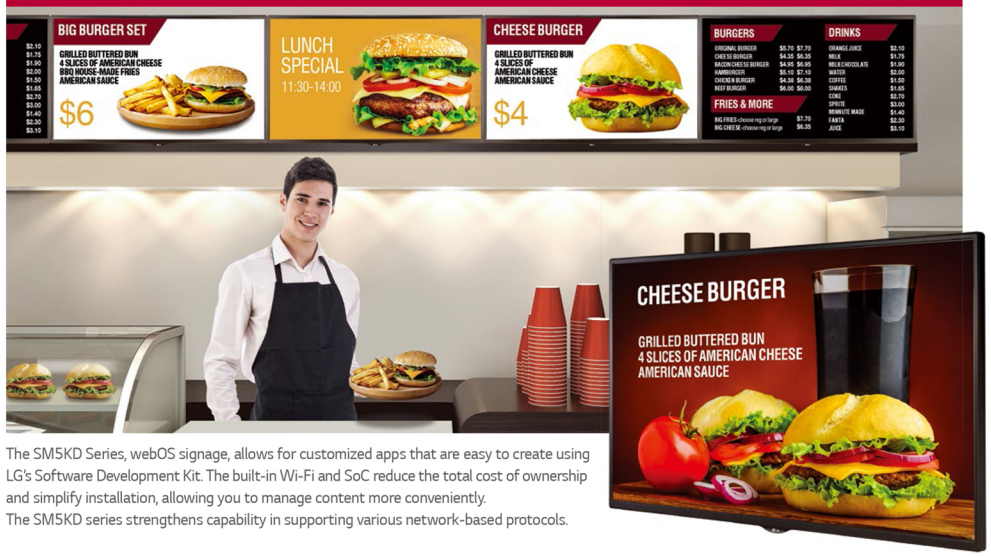
LG Business Solutions

Smart Platform with a Powerful Embedded System-on-Chip

Standard Performance SM5KD Series



The SM5KD Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently.
The SM5KD series strengthens capability in supporting various network-based protocols.

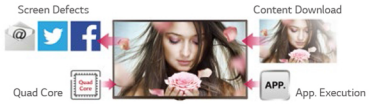
Built-in Speaker Model (10W x10W)

Key Features

Smart Platform

Quad Core SoC*

The high-performance SoC can execute several tasks at the same time and provides smooth content playback without an external media player.



*System-on-Chip

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.

webOS 3.0+

Integrated CMS (Contents Management System)

You can edit contents, check your schedule, and use group manager function etc. without a separate PC. It is one-stop system that enables you to manage the signage.

Portrait & Landscape Mode

When using the signage in Portrait Mode, GUI taliored to Portrait Mode is provided without affecting images' original ratio and resolution.

EZ Setting

As all of its unique functions are indexed in EZ setting, you can enjoy convenient access to setting for efficient management.

LG Business Solutions

Smart Platform with a Powerful Embedded System-on-Chip

Standard Performance SM5KD Series

Screen Sizes

65", 55", 49", 43", 32"

SM5KD Series

- Brightness : 450 cd/m² (32" 400 cd/m²)
- Bezel : T/L/R 11.9 mm (32" 13 mm), B 18.0 mm
- Depth : 56.5 mm (65"), 54 mm (55", 49", 43"), 55.5 mm (32")
- Interface : HDMI(2), DVI, DP, RGB, RJ45, IR, RS232C, USB
- Built-in Speaker : 10W + 10W

IPS · 24/7 · SuperSign · webOS 3.0+

Key Features

Support Network Protocol

IP Streaming Protocol

Various types of IP video streaming protocol are supported, such as RTSP/RTP, MMS, HLS and MPEG-2 TS*.

*RTSP (Real-Time Streaming Protocol), RTP (Real-time Transport Protocol), MMS (Microsoft Media Server), HLS (http live streaming)

Secure Communication Protocol

By supporting HTTPS* protocol, communication between server and signage is more secure.

*HTTPS: Hypertext Transfer Protocol over Secure Socket Layer

Proxy Server

Web access speed and security can be improved by supporting Proxy Server (A server that acts as an intermediary for requests from clients seeking resources from other servers.)

Built-in Wi-Fi

Mirroring

Content sharing is more convenient on a Wi-Fi network.

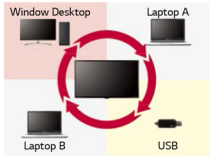
SoftAP

The SM5KD with SoftAP software can operate as a wireless access point for mobile devices.

Convenient Management

Enhanced Connectivity

Through its diverse interface, the signage lets you connect more than one device for optimal use.



Supportive Convenience

BEACON

With BEACON and Bluetooth Low Energy (BLE) supported by SM5KD*, retail stores can provide coupons and information in real time.

* SM5KD is enhanced to support ibeacon** and Eddystone***
** iBeacon: Bluetooth Low Energy beacon profile released by Apple in 2013
*** Eddystone: Bluetooth Low Energy beacon profile released by Google in 2015

Enhanced Maintenance

Dust & Humidity Protection

Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.

Industrial Design

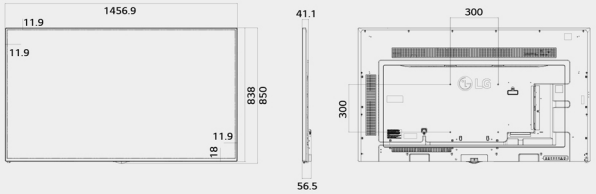
Detachable logo

The detachable logo allows for installation in the desired orientation: landscape or portrait mode.

Dimension (unit : mm)

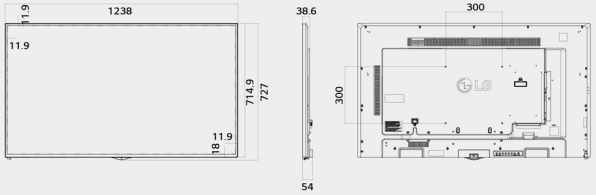
65"

1,456.9 x 838 x 56.5 / 27.9 kg



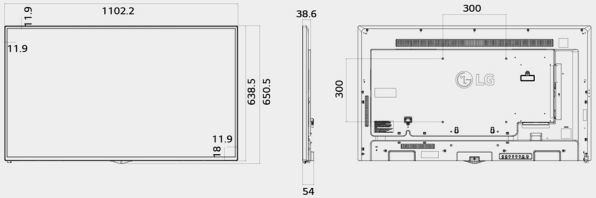
55"

1,238 x 714.9 x 54 / 17.5 kg



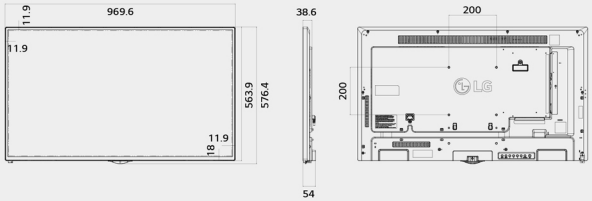
49"

1,102.2 x 638.5 x 54 / 14.3 kg



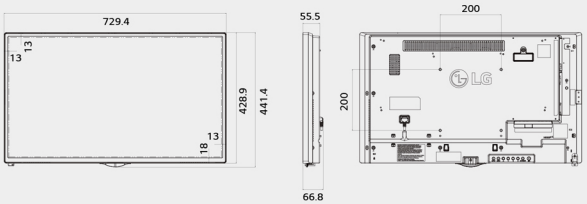
43"

969.6 x 563.9 x 54 / 10.0 kg



32"

729.4 x 428.9 x 55.5 / 5.4 kg



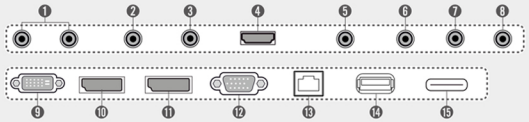
Specifications

SM3C Series		55SM3C	49SM3C	43SM3C
PANEL	Screen Size	55	49	43
	Panel Technology	IPS	IPS	IPS
	Aspect Ratio	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)
	Brightness	350 cd/m²	350 cd/m²	350 cd/m²
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	1 ms (G to G), 8 ms (MPRT)	12 ms (G to G BW), 10.1 ms (WOT)	12 ms (G to G BW), 9.4 ms (WOT)
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1% (Typ.))		
	Life time (Typ.)	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)
	Operating Hour	18 Hrs	18 Hrs	18 Hrs
	Orientation	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input	HDMI, DP, DVI-D, RGB, Audio in		
	Output	DP, Audio, External Speaker out		
	External Control	RS232C, RJ45, IR receiver, Pixel Sensor, USB 3.0, SD card		
PHYSICAL SPECIFICATION	Bezel Color	Black	Black	Black
	Bezel Width	11.9 mm (T/R/L), 18 mm (B)	11.9 mm (T/R/L), 18 mm (B)	11.9 mm (T/R/L), 18 mm (B)
	Monitor Dimension (W x H x D)	1,238 x 714.9 x 38.6 mm	1,102.2 x 638.5 x 38.6 mm	969.6 x 563.9 x 38.6 mm
	Weight (Head)	17.3 kg	14.1 kg	9.8 kg
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	1,238 x 773.4 x 219.6 mm	1,102.2 x 696.8 x 219.6 mm	969.6 x 622.2 x 193 mm
	Weight(Head+Stand+Speaker)	21.1 kg	17.9 kg	12.8 kg
	Carton Dimensions (W x H x D)	1,330 x 807 x 170 mm	1,197 x 760 x 166 mm	1,052 x 650 x 123 mm
	Packed Weight	21.5 kg	17.2 kg	12.4Kg
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm
SPECIAL FEATURES		Temperautre Sensor, Auto Brigtness Sensor, Tile Mode (Up to 15x15), DPM Select, DPM wake up, Energy saving, Smart Energy Saving, File Play with USB, PIP/PBP (2), Internal Memory (8 GB), USB Cloning, Easy Brightness Control, Holiday Schedule, Limited Mode, Wake on LAN, Failover, Mirroring, BEACON, Embedded Template		
ENVIRONMENTAL CONDITIONS	Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operating Humidity	10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power
POWER CONSUMPTION	Typ.	(TBD)	(TBD)	(TBD)
	Max	(TBD)	(TBD)	(TBD)
	Smart Energy Saving	(TBD)	(TBD)	(TBD)
STANDARD (CERTIFICATION)	Safety	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
	ErP / Energy Star	NA / Yes (Energy Star 7.0)	NA / Yes (Energy Star 7.0)	NA / Yes (Energy Star 7.0)
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes	Yes
	ExternalMediaPlayerAttachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	SuperSign W/Lite	Yes	Yes	Yes
	SuperSign C	Yes	Yes	Yes
ACCESSORIES	Basic	Remote Controller (2ea batteries included), Power cord, QSG, RGB cable, Regulation book, Phone to RS232C gender, Memory cover		
	Optional	Speaker (SP-5000), Stand (ST-492T), Pixel sensor (KT-SP0), Media player, Wall bracket (LSW350B), VESA adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-492T), Pixel sensor (KT-SP0), Media player, Wall bracket (LSW350B), VESA adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-432T), Pixel sensor (KT-SP0), Media player, Wall bracket (LSW230B), VESA adapter (AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)

Connectivity

1. SPEAKER OUT
2. IR & LIGHT SENSOR
3. PIXEL SENSOR
4. HDMI
5. RS-232C IN
6. RS-232C OUT
7. AUDIO IN
8. AUDIO OUT
9. DVI-D IN
10. DP IN
11. DP OUT
12. RGB IN
13. LAN
14. USB 3.0
15. SD

55SM3C / 49SM3C / 43SM3C



Easy Content Creation and Management Solution

Standard Performance SM3C Series

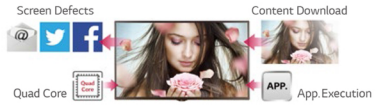
The SM3C Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently. The SM3C series strengthens capability in supporting various network-based protocols.

Key Features

Smart Platform

Quad Core SoC*

The high-performance SoC can execute several tasks at the same time and provides smooth content playback.



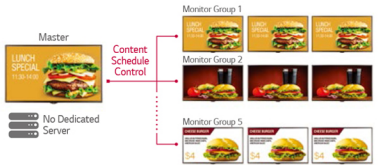
*System-on-Chip

webOS 3.0

The webOS 3.0 platform provides powerful and convenient creation tools, including app development materials.

Group Manager

Content can be created, distributed and controlled by a 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.

Easy Content Creation and Management Solution

Standard Performance SM3C Series

Screen Sizes

55"/49"/43"

SM3C Series

- Brightness : 350 cd/m²
- Bezel : Top/Left/Right 11.9 mm (Bottom 18.0 mm)
- Depth : 38.6 mm
- Interface : HDMI / DVI / DP / RGB / RJ45 / IR / RS232C / SD Card / USB

IPS 18hr/7days webOS 3.0 SuperSign

Key Features

Support Network Protocol

IP Streaming Protocol

Various types of IP video streaming protocol are supported, such as RTSP/RTP, MMS, HLS and MPEG-2 TS*.

*RTSP (Real-Time Streaming Protocol), RTP (Real-time Transport Protocol), MMS (Microsoft Media Server), HLS (http live streaming)

Secure Communication Protocol

By supporting HTTPS* protocol, communication between server and signage is more secure.

* Hypertext Transfer Protocol over Secure Socket Layer

Proxy Server

Web access speed and security can be improved by supporting Proxy Server (A server that acts as an intermediary for requests from clients seeking resources from other servers.)

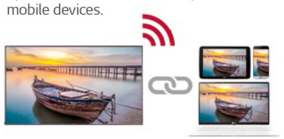
Built-in Wi-Fi

Mirroring

Content sharing is more convenient on a Wi-Fi network.

Soft AP

The SM3C with Soft AP software can operate as a wireless access point for mobile devices.



Simple Installation

Installation has been simplified by removing the external media player and Ethernet / RS232C cables.

Wi-Fi : (removing Ethernet or RS232C cables) 802.11n (2.4 GHz / 5 GHz)

Supportive Convenience

BEACON

With BEACON and Bluetooth Low Energy (BLE) supported by SM3C*, retail stores can provide coupons and information in real time.

* SM3C is enhanced to support ibeacon** and Eddystone***
** iBeacon: Bluetooth Low Energy beacon profile released by Apple in 2013
*** Eddystone: Bluetooth Low Energy beacon profile released by Google in 2015

Enhanced Maintenance

Dust & Humidity Protection

Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.

Industrial Design

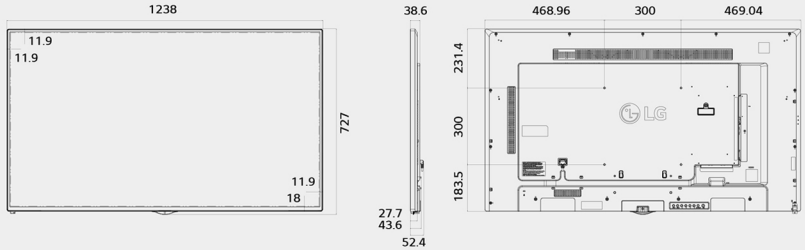
Detachable logo

The detachable logo allows for installation in the desired orientation: landscape or portrait mode.

Dimensions (unit: mm)

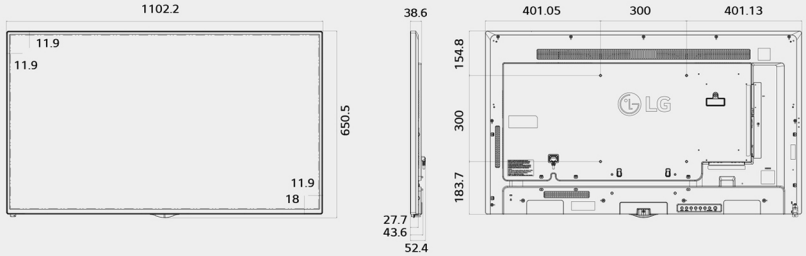
55"

1,238 x 714.9 x 38.6 / 17.3 kg



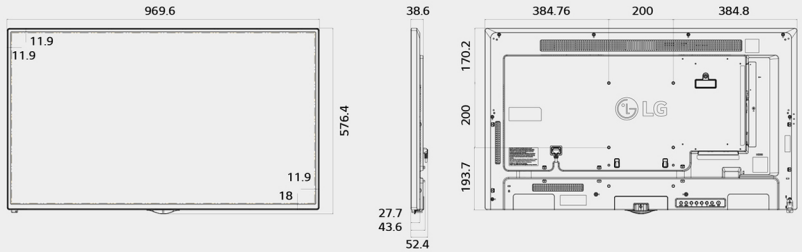
49"

1,102.2 x 638.5 x 38.6 / 14.1 kg



43"

969.6 x 563.9 x 38.6 / 9.8 kg



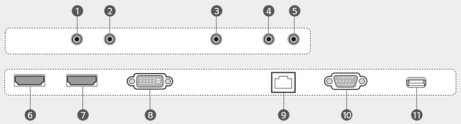
Specifications

SE3KD Series		65SE3KD	55SE3KD	49SE3KD	43SE3KD	32SE3KD
PANEL	Screen Size	65"	55"	49"	43"	32"
	Panel Technology	IPS (PD)				
	Aspect Ratio	16:9				
	Native Resolution	1,920 x 1,080 (FHD)				
	Brightness	400 cd/m²	350 cd/m²			
	Contrast Ratio	1,300:1	1,100:1			
	Dynamic CR	500,000:1				
	Viewing Angle (H x V)	178 x 178				
	Response Time	10 ms (G to G BW), 7.6 ms (WOT)	12 ms (G to G BW), 9 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	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1 % (Typ.))				
	Guaranteed Operating Hour	18 Hours				
	Orientation	Landscape & Portrait				
CONNECTIVITY	Input	HDMI (2), DVI, RGB, Audio, USB				
	Output	Audio				
	External Control	RS232C (In/Out), RJ45, IR Receiver				
PHYSICAL SPECIFICATION	Bezel Color	Black				
	Bezel Width	11.9 mm (T/R/L), 18 mm (B)				13 mm (T/R/L), 18 mm (B)
	Monitor Dimensions (W x H x D)	1,456.9 x 838 x 56.5 mm	1,238 x 714.9 x 54 mm	1,102.2 x 638.5 x 54 mm	969.6 x 563.9 x 54 mm	729.4 x 428.9 x 55.5 mm
	Weight (Head)	27.9 kg	17.5 kg	14.3 kg	10 kg	5.4 kg
	Weight (Head + Stand)	33.1 kg	20.8 kg	17.6 kg	12.5 kg	6.2 kg
	Monitor with Optional Stand Dimensions (W x H x D)	1,456.9 x 898.1 x 293.7 mm	1,238 x 773.4 x 219.6 mm	1,102.2 x 696.8 x 219.6 mm	969.6 x 622.2 x 193 mm	729.4 x 481 x 154.2 mm
	Carton Dimensions (W x H x D)	1,561 x 977 x 190 mm	1,330 x 807 x 170 mm	1,197 x 760 x 166 mm	1,052 x 650 x 123 mm	810 x 510 x 132 mm
	Packed Weight	33.8 kg	21.7 kg	17.4 kg	12.6 kg	6.7kg
	VESA™ Standard Mount Interface	300 x 300 mm			200 x 200 mm	
SPECIAL FEATURES		USB Content Scheduling, Conformal Coating, SNMP Support, Wi-Fi Ready (Dongle), Power Management Modes (Sustain Aspect Ratio / Stand-by Screen, etc.), No Signal Image setting, Enhanced ISM (Image Sticking Minimization) Mode, Holiday Schedule / Local Time Auto Setting, Fail-over (USB, RGB, DVI, HDMI), Wake on LAN				
ENVIRONMENTAL CONDITIONS	Operating Temperature Range	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C
	Operating Humidity Range	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %
POWER	Power Supply	100-240V~, 50/60Hz				
	Power Type	Built-In Power				
POWER CONSUMPTION	Typ.	95 W	70 W	65 W	60 W	50 W
	Smart Energy Saving	70 W	55 W	50 W	45 W	35 W
AUDIO POWER		20 W (10 W x 2) for Internal Speaker (6 ohm)				
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC				
	EMC	FCC Class "A" / CE / KCC				
	ErP / Energy Star	NA / Yes (Energy Star 7.0)				
MEDIA PLAYER COMPATIBILITY	External Media Player Attachable	Yes (MP500 / MP700)	Yes (MP500 / MP700)	Yes (MP500 / MP700)	Yes (MP500 / MP700)	No
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign W				
	Control and Monitoring Software	SuperSign C				
ACCESSORIES	Basic	Remote Controller (2 batteries included), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender				
	Optional	Stand (ST-652T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S)	Stand (ST-492T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S)	Stand (ST-492T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S)	Stand (ST-432T), Media Player, Wall Bracket (LSW230B), VESA Adapter (AM-B220S)	Stand (ST-322T), Wall Bracket (LSW230B)

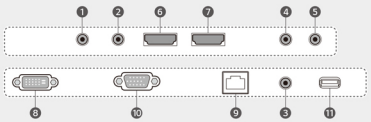
Connectivity

1. RS-232C IN
2. RS-232C OUT
3. AUDIO IN
4. AUDIO OUT
5. EXT IR IN
6. HDMI in 1
7. HDMI in 2
8. DVI-D IN
9. LAN
10. RGB IN
11. USB

65SE3KD



55SE3KD / 49SE3KD / 43SE3KD / 32SE3KD



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LG Business Solutions

Simple Way to Manage Your Digital Signage

Standard Essential SE3KD Series

Simplify promotion content or sales information management with the LG SE3KD Series that satisfies a wide range of display purposes in your business. This series has a practical design with a slimmer bezel and depth for optimum space utilization. Multiple screen sizes ensure the best selection for your business environment.

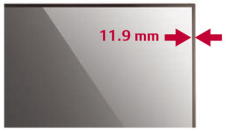
Built-in Speaker Model (10 W x 10 W)

Key Features

Sleek Design

Slimmer Bezel

The thinner bezel allows a perfect fit for a sleek look.



Bezel

Detachable Logo

Portrait mode allows the logo to be positioned in the desired setting.

Cable Management

The well-organized cable terminals in the back optimize available space.

USB Content Management

USB Content Scheduling

Play and schedule contents with a USB connection-no server connection required.

* Supported Content Type : Video (MPEG1/2/4, H.264), Audio (MP3, AC3, MPEG, AAC, HEAAC, LPCM), Image (JPEG, PNG, BMP)

Dust & Humidity Protection

Conformal Coating

Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.

LG Business Solutions

Simple Way to Manage Your Digital Signage

Standard Essential SE3KD Series

IPS 18h/7days SUPERSIGN

Screen Sizes

65", 55", 49", 43", 32"

SE3KD Series

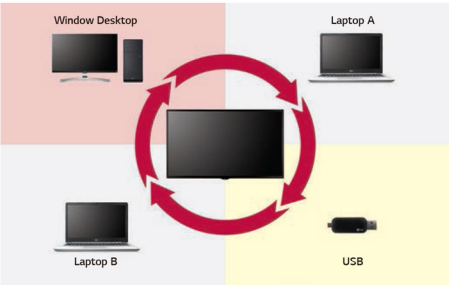
- Edge-lit LED
- Brightness: 350 cd/m² (65": 400 cd/m²)
- Bezel: T/L/R-11.9 mm (32": 13.0 mm), B-18.0 mm
- Depth: 38.6 mm (65": 41.1 mm, 32": 55.5 mm)
- HDMI (2), DVI, RJ45, IR Receiver, RS232C in/out, USB
- Built-in Speaker: 10 W x 10 W

Other Features

Convenient Management

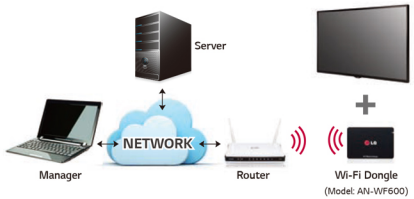
Enhanced Connectivity

Through its diverse interface, the signage lets you connect more than one device for optimal use.



Wi-Fi Support

SE3KD Series supports Wi-Fi USB dongle connection for convenient content distribution. And SNMP support ensures convenient network management.



* SNMP: Simple Network Management Protocol

Convenient Screen Mode

Aspect Ratio Sustainability*

Sustain the same resolution and picture quality while powering on/off by receiving EDID[1] through switch IC.

1) Extended Display Identification Data.
* Installation Menu > LG Digital Signage > PM Mode

Stand-by Screen*

Even without signal from the media player, the network does not turn off completely, so remote control is possible, which prevents unnecessary power usage and enables efficient management.

Scheduled Screen Wash**

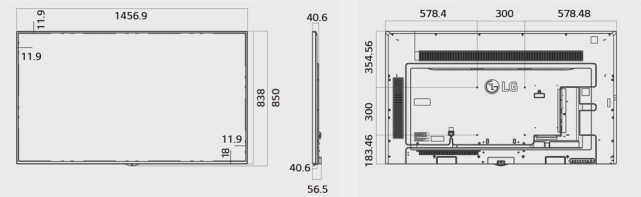
Prevent residual images with the screen transition feature.

** Installation Menu > ISM Method

Dimension (unit : mm)

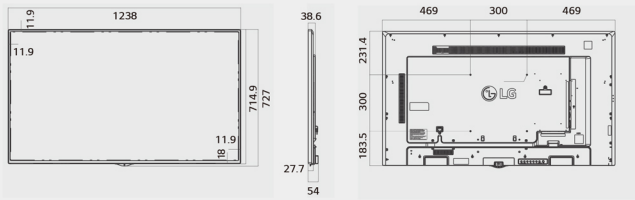
65"

1,456.9 x 838 x 56.5 /
27.9 kg



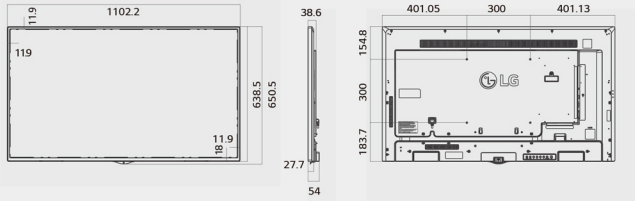
55"

1,238 x 714.9 x 54 /
17.5 kg



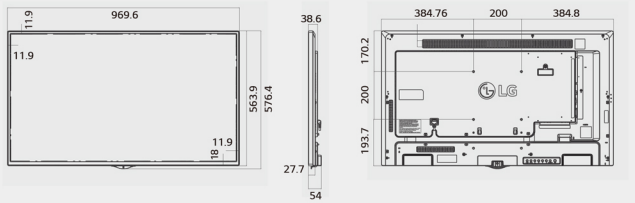
49"

1,102.2 x 638.5 x 54 /
14.3 kg



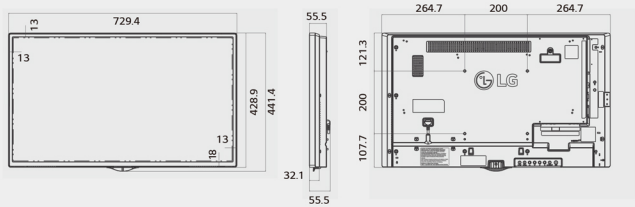
43"

969.6 x 563.9 x 54 /
10 kg



32"

729.4 x 428.9 x 55.5 /
5.4 kg



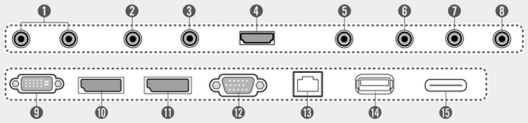
Specifications

LS75C/73C Series			55LS75C/73C	49LS75C/73C	42LS75C/73C
PANEL	Screen Size		54.64 inches (1387.80mm) diagonal	48.50 inches (1232.00mm) diagonal	41.92 inches (1064.67mm) diagonal
	Panel Technology		IPS	IPS	IPS
	Aspect Ratio		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)
	Brightness		700cd/m² (LS75C), 500cd/m² (LS73C)	700cd/m² (LS75C), 500cd/m² (LS73C)	700cd/m² (LS75C), 500cd/m² (LS73C)
	Contrast Ratio		1,300:1	1,300:1	1,300:1
	Viewing Angle (H x V)		178 x 178	178 x 178	178 x 178
	Response Time		1ms (G to G), 8ms (MPRT)	8ms (G to G BW) typ.	8ms (G to G BW) typ.
	Surface Treatment		Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)
	Life time (Typ.)		50,000 Hrs min.	50,000 Hrs min.	50,000 Hrs min.
	Operation Hours		24 Hrs / 7 Days	24 Hrs / 7 Days	24 Hrs / 7 Days
	Orientation		Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input		HDMI (2), DP, DVI-D, Audio in, OPS		
	External Control		RS232C in/out, RJ45, IR / Light sensor, Pixel sensor, USB 3.0		
	Output		DP, External Speaker out		
PHYSICAL SPECIFICATION	Bezel Color		Black	Black	Black
	Bezel Width		7.4 mm (T/L/R/B even)	7.4 mm (T/L/R/B even)	7.4 mm (T/L/R/B even)
	Monitor Dimension (W x H x D)		1,230 x 714 x 32 mm	1,095 x 637 x 32 mm	949 x 555 x 32 mm
	Weight (Head)		20.7 kg	15.6 kg	12.5kg
	Monitor with Optional Stand Dimensions (W x H x D)		1,230 x 776 x 298 mm	1,095 x 700 x 298 mm	949 x 618 x 298 mm
	Weight (Head+Stand)		22.1 kg	17.0 kg	13.9 kg
	Carton Dimensions (W x H x D)		1,330 x 815 x 174 mm	1,197 x 760 x 134 mm	1,045 x 645 x 127 mm
	Packed Weight		25.2 kg	18.7 kg	14.8 kg
	VESA™ Standard Mount Interface		400 x 400 mm	400 x 400 mm	400 x 400 mm
SPECIAL FEATURES			Temperature sensor, Auto brightness sensor, Tile Mode, DPM select, DPM wake up, Energy saving, Smart energy saving, File play with USB, PIP/PBP(2), Internal memory 16GB (System 4GB + Available 12GB), Wi-Fi dongle ready (802.11n) , USB cloning, Fail over		
ENVIRONMENTAL CONDITIONS	Operating Temperature		0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operating Humidity		10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply		100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type		Built-In Power	Built-In Power	Built-In Power
	Power Consumption	Typ.	140 W (TBD)	125 W (TBD)	110 W (TBD)
		Smart Energy Saving	100 W (TBD)	90 W (TBD)	80 W (TBD)
STANDARD (CERTIFICATION)	Safety		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
	ErP / Energy Star		NA / Yes (Energy Star 7.0)	NA / Yes (Energy Star 7.0)	NA / NA
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible		Yes	Yes	Yes
	External Media Player Attachable		Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	SuperSign W/Lite		Yes	Yes	Yes
	SuperSign C		Yes	Yes	Yes
ACCESSORIES	Basic		Remote controller (2ea batteries included), Power cord, IR/Light sensor receiver, QSG, Regular book (depend on regional standard), HDMI cable		
	Optional		SP-2100 (External speaker), ST-200T, LSW440S, AN-WF500 (Wi-Fi USB dongle), KT-OPSA (OPS kits), KT-SP0 (Pixel sensor)		

Connectivity

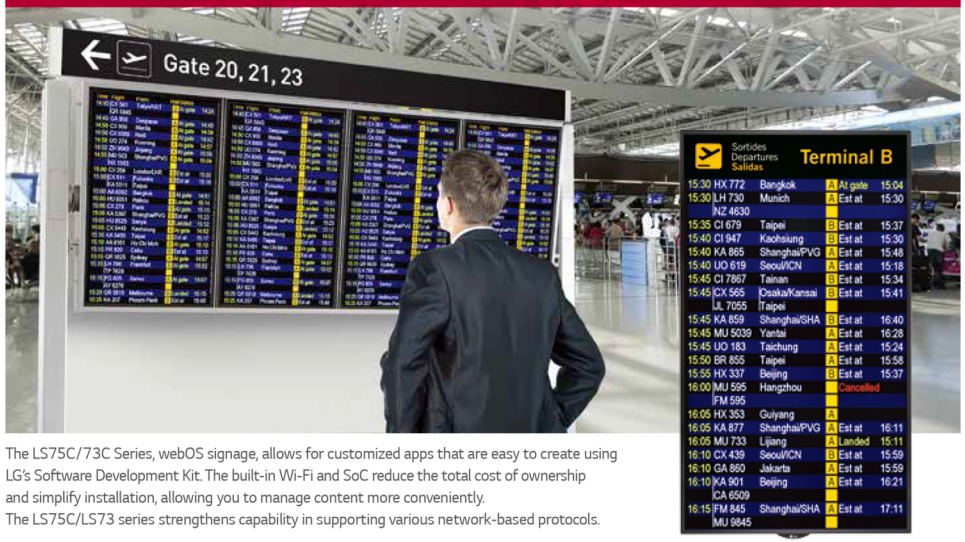
1. SPEAKER OUT
2. IR & LIGHT SENSOR
3. PIXEL SENSOR
4. HDMI
5. RS-232C IN
6. RS-232C OUT
7. AUDIO IN
8. AUDIO OUT
9. DVI-D IN
10. DP IN
11. DP OUT
12. RGB IN
13. LAN
14. USB 3.0
15. SD

55LS75C/LS73C, 49LS75C/LS73C, 42LS75C/LS73C



Smart Platform with a Powerful Embedded System-on-Chip

Standard Premium LS75C/73C Series



The LS75C/73C Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently.
The LS75C/LS73 series strengthens capability in supporting various network-based protocols.

Key Features

Smart Platform

Quad Core SoC*

The high-performance SoC can execute several tasks at the same time and provides smooth content playback.

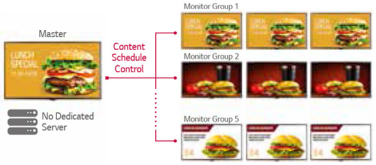
*System-on-Chip

webOS 3.0

The webOS 3.0 platform provides powerful and convenient creation tools, including app development materials.

Group Manager

Content can be created, distributed and controlled by a 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.

LG Life's Good

Smart Platform with a Powerful Embedded System-on-Chip

Standard Premium LS75C/73C Series

IPS 24/7 webOS 3.0 SuperSign

Screen Sizes

55"/49"/42"

LS75C / 73C Series

- Brightness : 700 cd/m² (LS75C) / 500 cd/m² (LS73C)
- Bezel : 7.4 mm Even Bezel
- Depth : 32 mm
- Interface : HDMI (2) / DVI / DP / RGB / RJ45 / IR / Light Sensor / RS232C / Pixel sensor / USB 3.0 / Audio In

Key Features

Support Network Protocol

IP Streaming Protocol

Various types of IP video streaming protocol are supported, such as RTSP/RTP, MMS, HLS and MPEG-2 TS*.

*RTSP (Real-Time Streaming Protocol), RTP (Real-time Transport Protocol), MMS (Microsoft Media Server), HLS (http live streaming)

Secure Communication Protocol

By supporting HTTPS* protocol, communication between server and signage is more secure.

*HTTPS: Hypertext Transfer Protocol over Secure Socket Layer

Proxy Server

Web access speed and security can be improved by supporting Proxy Server (A server that acts as an intermediary for requests from clients seeking resources from other servers.)

Built-in Wi-Fi

Mirroring

Content sharing is more convenient on a Wi-Fi network.

Soft AP

The LS75C/LS73C with Soft AP software can operate as a wireless access point for mobile devices.

Simple Installation

Installation has been simplified by removing the external media player and Ethernet/ RS232C cables.

Wi-Fi: (removing Ethernet or RS232C cables) 802.11n (2.4 GHz/5 GHz)

Supportive Convenience

BEACON

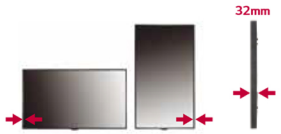
With BEACON and Bluetooth Low Energy (BLE) supported by LS75C/LS73C*, retail stores can provide coupons and information in real time. When Wi-Fi dongle is connected, the BEACON is available.

* LS75C/LS73C is enhanced to support ibeacon** and Eddystone***
** iBeacon: Bluetooth Low Energy beacon profile released by Apple in 2013
*** Eddystone: Bluetooth Low Energy beacon profile released by Google in 2015

Industrial Design

Slimmer Even Bezel & Depth

The thinner bezel & depth allows a perfect fit for a sleek look.



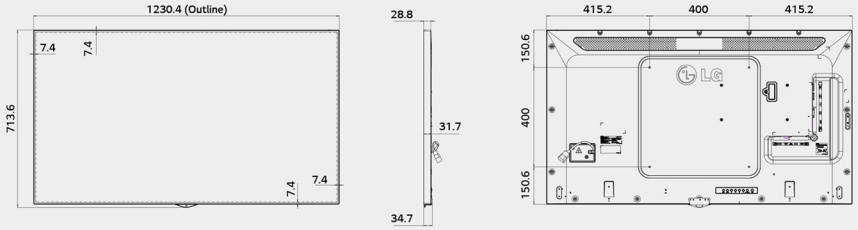
Detachable Logo

Portrait mode allows the logo to be positioned in the desired setting.

Dimensions (unit: mm)

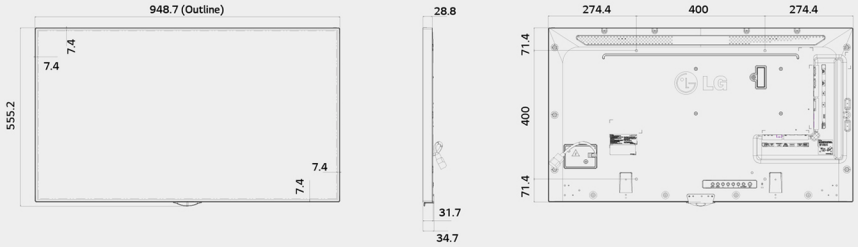
55"

1,230 x 714 x 32 / 20.7 kg



49"

1,095 x 637 x 32 / 15.6 kg

42"

949 x 555 x 32 / 12.5 kg