Smart Digital Signage with High Visibility

SH7E

With a powerfully enhanced smart platform, the SH7E series is a versatile display able to respond to each customer's specific needs. Moreover, it delivers clear and vivid content with high brightness, which is ideal for brightly lit locations.



LG | Business Solutions

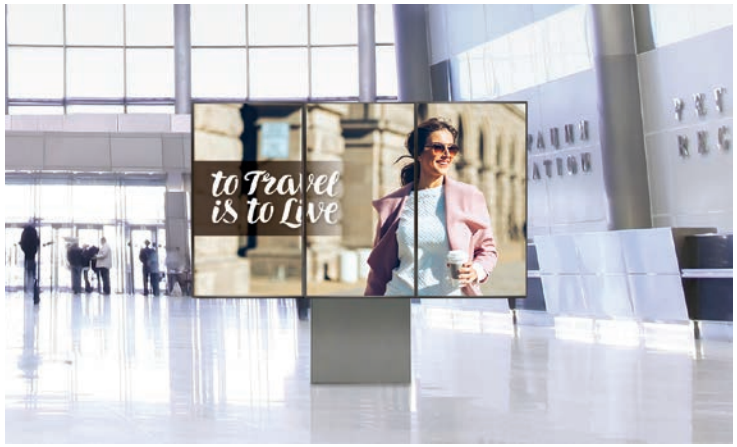
Smart Digital Signage with High Visibility

SH7E

Superior Picture Quality

High Visibility

The 700 cd/m² brightness is enough to stand out against the surrounding background, so the display can attract passerby and delivers content vividly and effectively under brightly lit condition.



Wide Viewing Angle

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



Smart Digital Signage with High Visibility
SH7E

Outstanding Performance

Thermal Printer Supported

Users can easily enable the thermal printer solution* by plugging a USB into the display. It functions versatilely as a ticketing machine for various locations such as restaurants, movie theaters, banks and airports.



* Supported model: NIPPON PRIMEX (NP-3511, NP-3611)

Real-time Care Service

The maintenance gets easier and faster with an optional service Signage 365 Care, a cloud service solution provided by LG service. It remotely manages status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of a client's business.



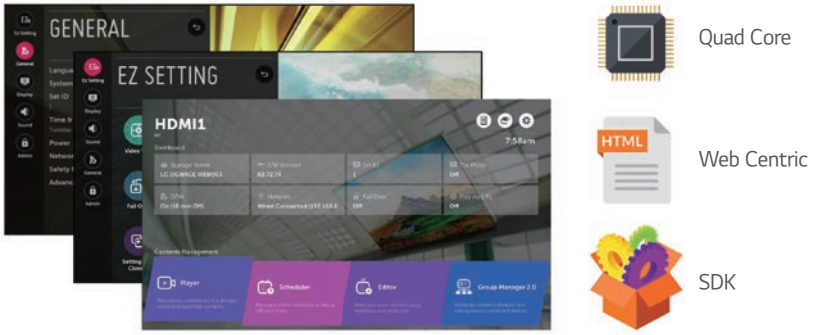
Smart Digital Signage with High Visibility

SH7E

High Performance

User-friendly Smart Platform

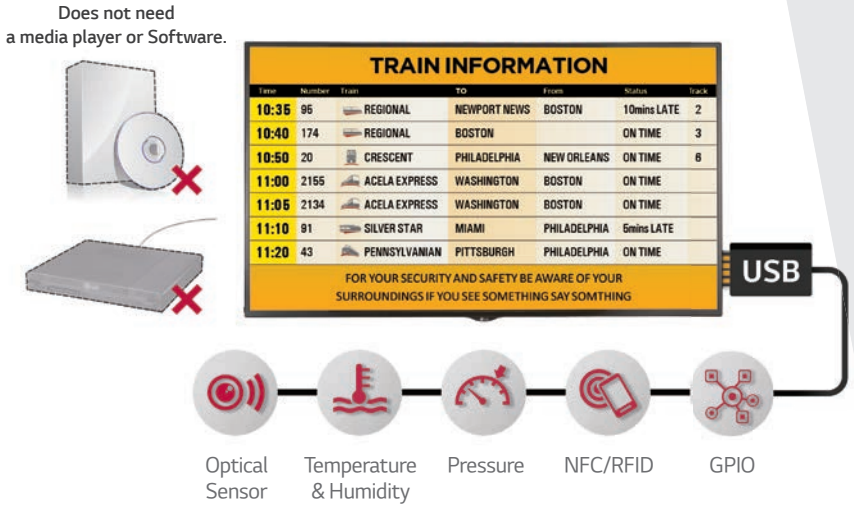
The LG webOS smart signage platform is tailored to diverse commercial requirements. It supports HTML5 as a web-based platform and offers SDK*, so SIs can easily build and execute their own apps. Moreover, LG webOS enhances user convenience by providing an intuitive UI that is optimized for business purposes.



* SDK: Software Development Kit

All-in-one Display

Powered by a smart platform, SH7E easily supports connections with external sensors such as GPIO, NFC/RFID, temperature sensors, etc. via USB plug-in. The overall cost of ownership is reduced as there's no need to purchase additional software or media players.



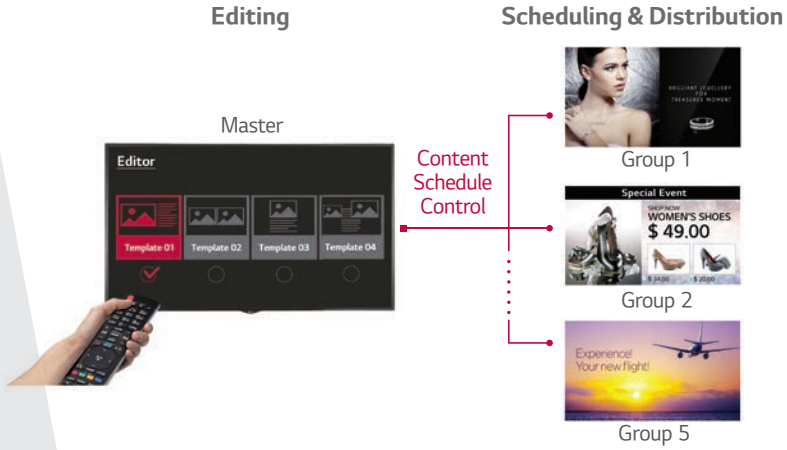
Smart Digital Signage with High Visibility

SH7E

Easy Management

Embedded CMS

The embedded CMS* allows you to edit and play content, schedule a playlist and even group and control signages via remote control, without need for a separate PC. This makes content management much easier and user-friendly.



* CMS: Content Management System

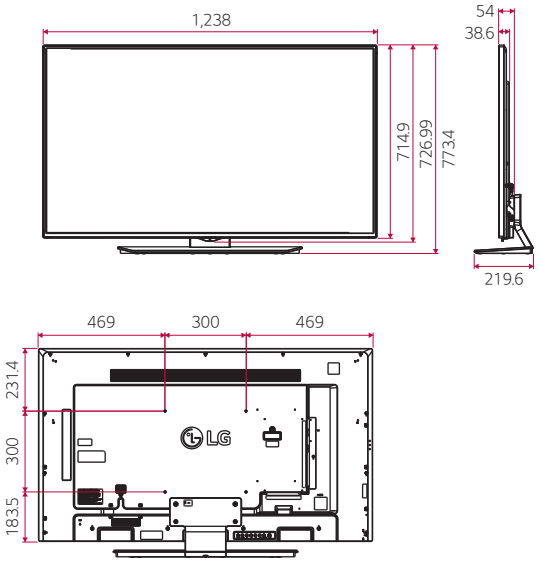
Moblie & Web Monitoring

Through the control manager, the embedded web monitoring program, you can check the status, control settings, and receive log information and other data in real-time.

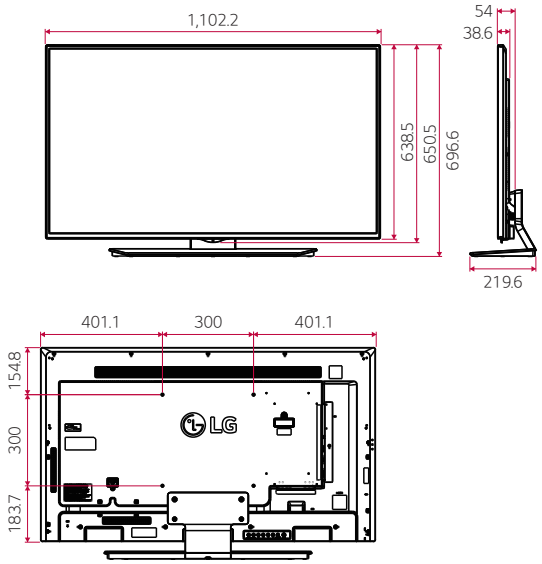


Dimension

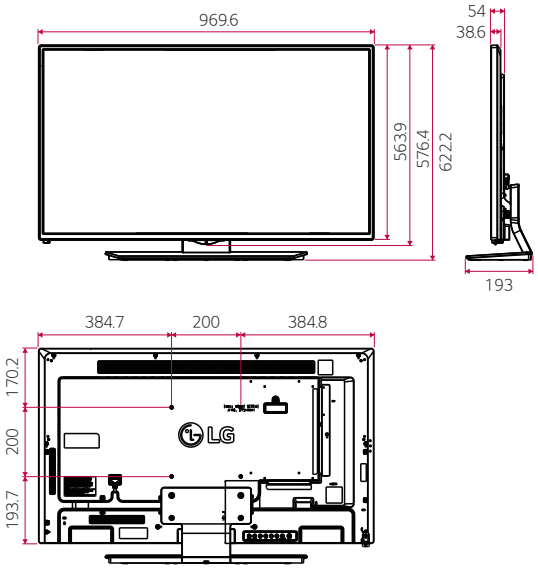
55"



49"

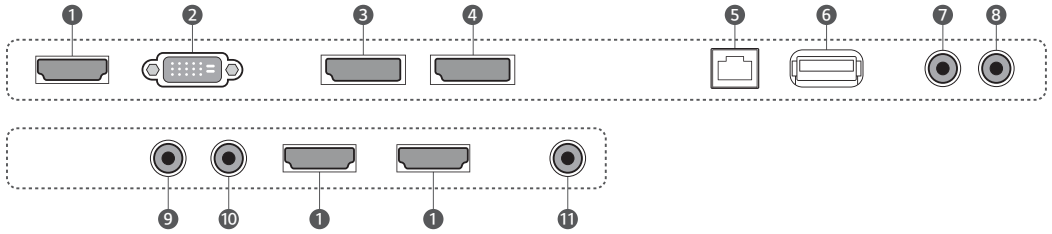


43"



Connectivity

55" / 49" / 43"



1 HDMI IN
2 DVI-D IN
3 DP IN
4 DP OUT
5 LAN
6 USB 3.0
7 RS232C IN
8 RS232C OUT
9 AUDIO IN
10 AUDIO OUT
11 IR & LIGHT SENSOR

Specifications

		55SH7E	49SH7E	43SH7E
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)
	Refresh Rate	60Hz	60Hz	60Hz
	Brightness	700 cd/m^2	700 cd/m^2	700 cd/m^2
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Surface Treatment (Haze)	Hard Coating (2H), Anti-glare Low Reflection Treatment of the Front Polarizer (Haze 3% (Typ.))		
	Operation Hours	24 Hrs	24 Hrs	24 Hrs
	Orientation	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait
CONNECTIVITY	Input	HDMI (3), DP, DVI-D, Audio, USB 3.0	HDMI (3), DP, DVI-D, Audio, USB 3.0	HDMI (3), DP, DVI-D, Audio, USB 3.0
	Output	DP (SST),Audio (Off/Fixed/Variable)	DP (SST), Audio (Off/Fixed/Variable)	DP (SST), Audio (Off/Fixed/Variable)
	External Control	RS232C In/out, RJ45 In, IR In	RS232C In/out, RJ45 In, IR In	RS232C In/out, RJ45 In, IR In
MECHANICAL 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 54 mm	1,102.2 x 638.5 x 54 mm	969.6 x 563.9 x 54 mm
	Weight (Head)	17.5 kg	14.3 kg	10.5 kg
	Monitor Dimension with Optional Stand	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)	20.8 kg	17.6 kg	13.0 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	21.7 kg	17.4 kg	12.6 kg
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	200 x 200 mm
KEY FEATURE		Internal Memory 8GB (System 4GB, Available 3.6GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Embedded CMS, Fail Over, Image Customization, Content Sync., PIP/PBP(2), Screen Share, Video Tag(2), Play via URL, OSD Rotation, Gapless Playback, Tile Mode (Up to 15x15), ISM Mode, Beacon, webRTC, Control Manager, Crestron Connected*, Smart Energy Saving, HDMI-CEC (2)**, Detachable Logo, Built-in Speaker (10W + 10W)		
ENVIRONMENTAL CONDITIONS	Operation Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%
POWER	Power Type	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Supply	Built-In Power	Built-In Power	Built-In Power
	Power Consumption (Typ. / Max.)	130 W / 150 W	110 W / 140 W	95 W / 125 W
	Power Consumption (Smart Energy Saving)	91 W	77 W	66.5 W
CERTIFICATION	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	N/A / Yes (Energy Star 7.0)	N/A / Yes (Energy Star 7.0)	N/A / Yes (Energy Star 7.0)
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes	Yes
	External Media Player Attachable	Yes	Yes	Yes
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Link	SuperSign Link	SuperSign Link
ACCESSORIES	Basic	Remote Controller (2 Batteries Included), Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender		
	Optional	Stand (ST-492T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T55E)	Stand (ST-492T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T49E)	Stand (ST-432T), Media Player, Wall Bracket (LSW230B), VESA Adapter (AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T43E)

* Network Based Control ** Compatibility may differ by equipment.

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