22" Signage with More Utility for Commercial Space

22SM3G delivers information and performs guide with more effective ways in various commercial space, which provides more convenient solution thanks to its upgraded webOS platform.

webOS Smart Platform

User Convenience

Convenient Maintenance

WELCOME

Today weather

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Quis ipsum suspendisse ultrices gravida. Risus commodo viverra maecenas accumsan lacus vel facilisis.

23

Feels like : 25°
Humidity : 51 %
Wind : 9 km/h

12:45 PM

LG

LG | Business Solutions

High Performance SoC with webOS

Built-in Quad Core SoC can execute several tasks at once while providing smooth content playback without the need for a media player. Also, LG webOS smart signage platform enhances user convenience with intuitive GUI and simple app development tools.


Software Development Kit

SCAP Libraries

Sample Applications

Various Sensor Applications

LG webOS smart signage platform easily supports connections with external sensors such as GPIO, NFC/RFID, temperature sensors, etc, via USB plug-in. The overall cost for maintenance is reduced as there's no need to purchase additional software or media players.

No need for a media player or software.

Thermal Printer

Optical Sensor

Temperature & Humidity

Pressure

NFC/RFID

GPIO

A Wide Range of Interfaces

Through its diverse interfaces, users can connect the display with various sources for optimal use. Also, the failover function supports users preparing backup sources in case an unexpected error occurs.
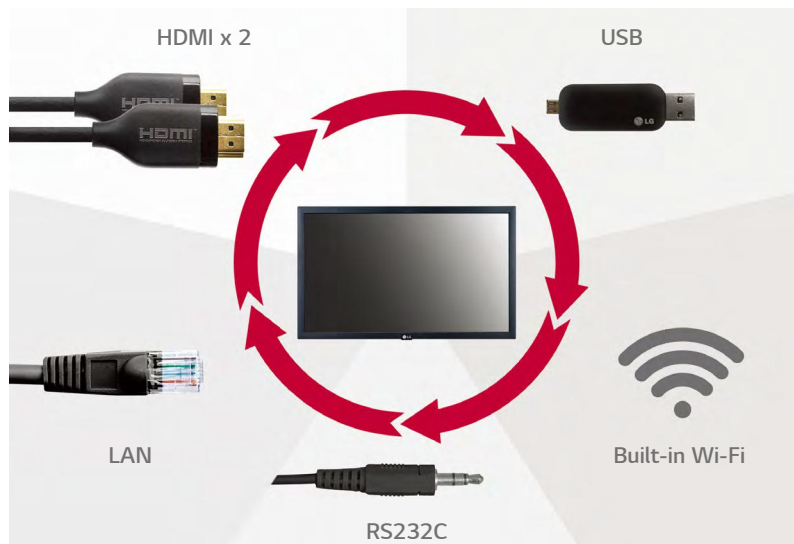
USB Plug & Play

22SM3G supports USB Plug & Play feature, so users can easily set content playback using a USB.

HDMI x 2

USB

LAN

Built-in Wi-Fi

RS232C

Plug & Play

Content Sharing

Content Mirroring among devices is more convenient on a Wi-Fi network.

Real-time Promotion

With Beacon and BLE (Bluetooth Low Energy), shop managers can provide coupons and information in real-time.

Wireless Solution

22SM3G operates as a virtual router which can be a wireless access point for mobile devices.
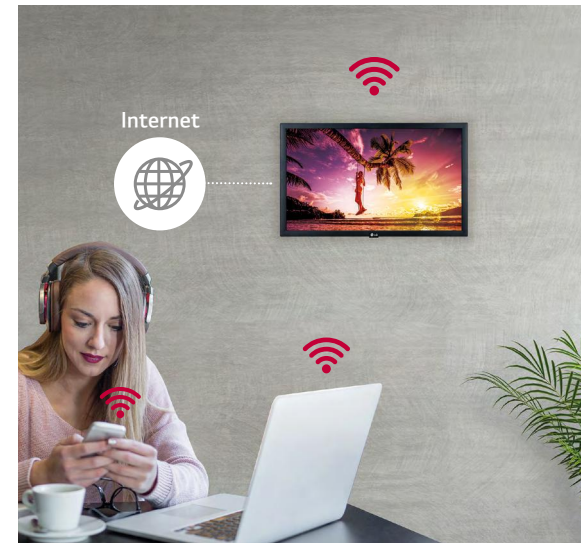
Remote Monitoring and Control

Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of multiple 22SM3G displays in different locations in real-time. It is available on internet-connected devices, allowing you to flexibly and rapidly respond to emergency situations anywhere.
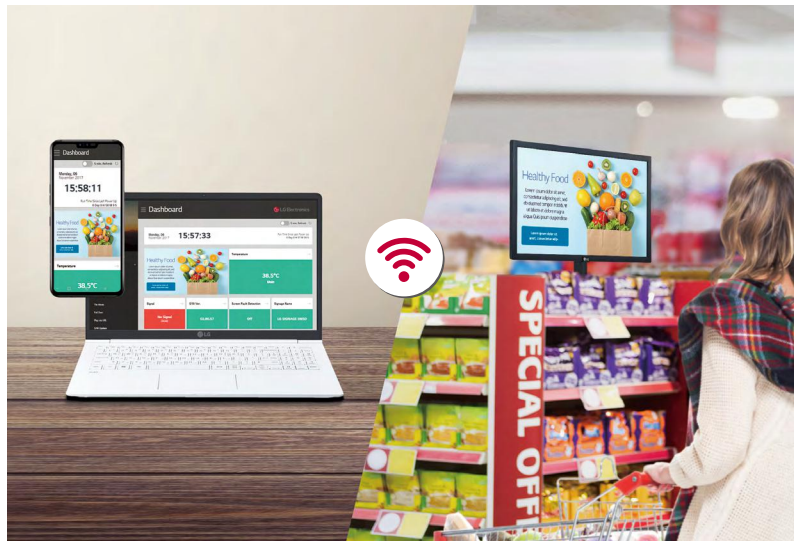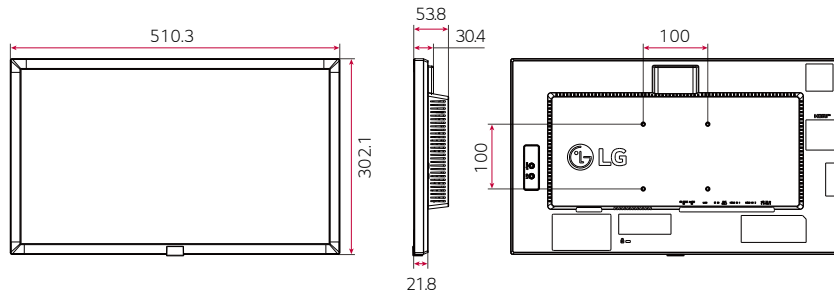

Real-time Care Service with LG Signage365Care

The maintenance gets easier and faster with the optional service Signage365Care*, 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 stable operation of the client's business.

Repair

Signage 365Care

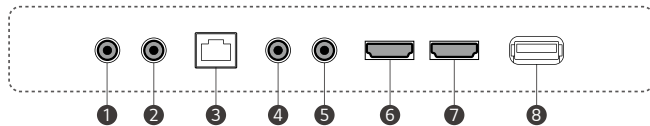Status, Usage Data

Monitoring / Fault Detection
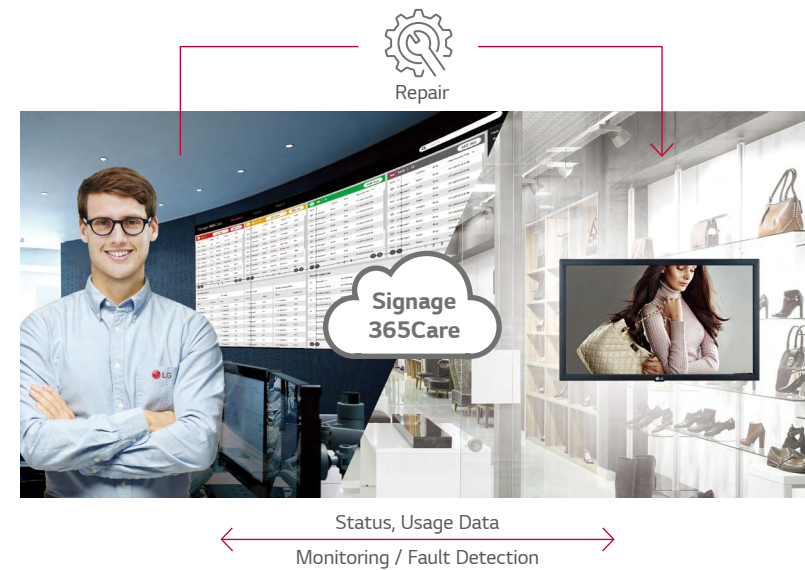
* The availability of "Signage365Care" service can differ by region, so please contact the LG sales representative in your region for further details.

DIMENSIONS (unit: mm)

510.3
302.1
53.8
30.4
21.8
100
100

CONNECTIVITY

❶ RS-232C IN ❺ SVC ONLY

❷ AUDIO IN ❻ HDMI IN 1

❸ LAN ❼ HDMI IN 2

❹ IR IN ❽ USB 2.0 IN

SPECIFICATION

		22SM3G
Panel	Screen Size	21.5"
	Panel Technology	IPS
	Aspect Ratio	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)
	Refresh Rate	60 Hz
	Brightness (Typ.)	250 cd/m²
	Contrast Ratio	1,000 : 1
	Viewing Angle (H x V)	178 x 178
	Response Time	14ms (G to G)
	Surface Treatment (Haze)	25 %
	Life Time (Min.)	30,000 Hrs
	Operation Hours (Hours / Day)	16 / 7
	Portrait / Landscape	Yes / Yes
Connectivity	Input	HDMI (2, HDCP2.2), USB 2.0 Type A, Audio In
	Output	-
	External Control	RS232C In (Phone-jack), RJ45 (LAN) In, IR In
Mechanical Specification	Bezel Color	Black
	Bezel Width	16.3 mm (Even Bezel)
	Weight (Head)	3.34 kg
	Packed Weight	4.74 kg
	Monitor Dimensions (W x H x D)	510.3 x 302.1 x 53.8 mm
	Carton Dimensions (W x H x D)	565.0 x 357.0 x 103.0 mm
	Handle	No
	VESA™ Standard Mount Interface	100 x 100 mm
Key Feature		Internal Memory 8GB, Built-in Wi-Fi, Temperature Sensor, Local Key Operation, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), PIP, PBP (2), Screen Share, Play via URL, Setting Data Cloning, SNMP, ISM (Image Sticking Minimization) Method, Control Manager, Crestron Connected®[1], Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC [2], SI Server Setting, webRTC, Pro:Idiom
Environment Conditions	Operation Temperature	0 °C to 40 °C
	Operation Humidity	10 % to 80 %
Power	Power Supply	AC 100-240 V~, 50 / 60 Hz
	Power Type	Built-In Power
	Power Consumption — Typ. / Max.	30 W / 33 W
	Power Consumption — Smart Energy Saving	15 W ± 5 %
Sound	Speaker	Yes (1 W x 2 ea)
Certification	Safety	CB / NRTL
	EMC	FCC Class "A" / CE
	ErP / Energy Star	Yes (EU Only) / No
	ePEAT (US Only)	No
OPS Compatibility	OPS Type Compatible	No
	OPS Power Built In	No
Software Compatibility	Content Management Software	SuperSign CMS
	Control and Monitoring Software	SuperSign Control / Control+
	Signage 365 Care[3]	Yes
Accessories	Basic	Remote Controller, Power Cord, QSG, HDMI Cable, Phone to RS232C Gender, External IR, IR Sheet

* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG sales team to verify before ordering.

1) Network based control   2) Compatibility may differ by equipment   3) The availability of the "Signage365Care" service differs by region.