Full HD Standard Signage   SM5J

LG webOS Standard Signage

webOS Smart Platform	Built-in Speaker

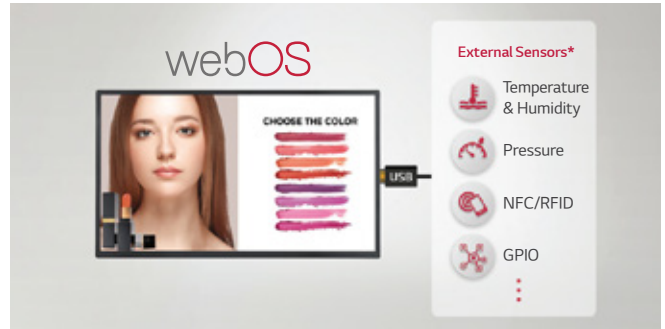| Support Landscape / Portrait Mode | |

SM5J	
Size	81.28 cm (32)
Operation Time	24 hrs / 7 days
Brightness	400 nits
Screen Resolution	1,920 x 1,080
LG's Solution Compatibility	LG ConnectedCare
Speaker	Built-in
Interface	HDMI(3) / USB 2.0 / RS232C / RJ45 IR / Audio
Built-in Speaker	10 W + 10 W
Operation Hours (Hours / Day)	24 / 7
Orientation	Portrait / Landscape

HIGH-PERFORMANCE WITH WEBOS 6.0

webOS 6.0, upgraded in SoC and web engine, is available on SM5J for a smooth execution of several tasks. LG webOS smart signage platform enhances user convenience with intuitive GUI and provides to SI or/and developers simple app development tools such as SDK (Software Development Kit), SCAP, sample applications.

VARIOUS SENSOR CONNECTION

LG webOS smart signage platform helps to easily provide additional solutions by supporting simple connections with external sensors* such as GPIO, NFC/RFID, temperature sensors, etc., via USB plug-in.

* External sensors need to be purchased separately and tested for compatibility with webOS platform.

MOBILE & WEB MONITORING

Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of the SM5J series displays in different locations in real-time. It is available on internet connected devices, allowing you to flexibly and rapidly respond to emergency situations.

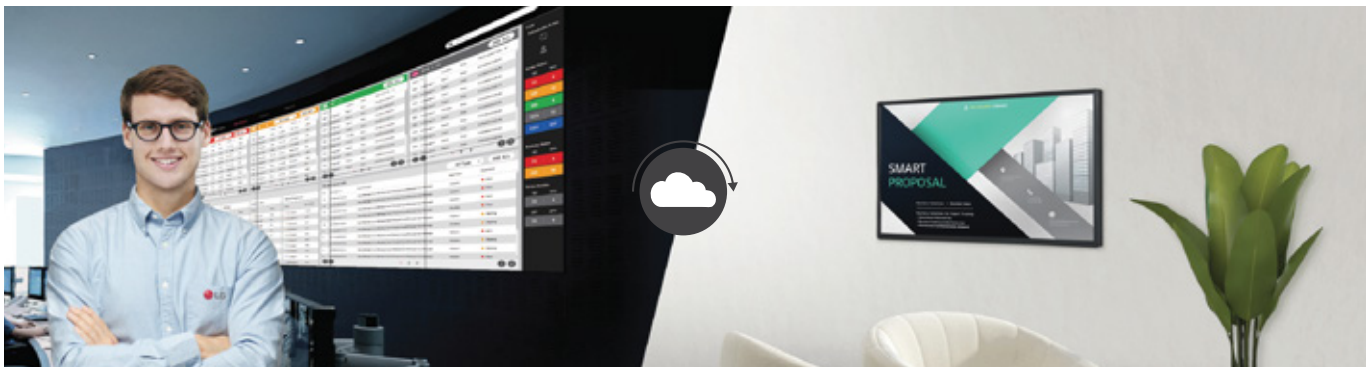* The mobile devices need be connected with the Signage IP address and can control one Signage at a time.
** Control Manager is optimized for Google Chrome 56 version and above.

COMPATIBLE WITH AV CONTROL SYSTEM

The SM5J series supports Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and automated control*, boosting business management efficiency.

* Network based control

REAL-TIME LG ConnectedCare SERVICE

Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, supporting the stable operation of clients' businesses.

* The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately.

REAL-TIME PROMOTION

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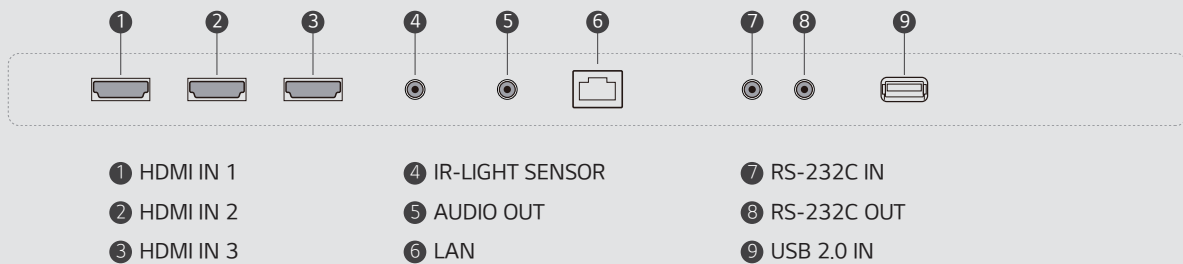
CONTENT SHARING

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

WIRELESS ACCESS POINT

The SM5J series operates as a virtual router which can be an wireless access point for mobile devices.

CONNECTIVITY

❶ HDMI IN 1	❹ IR-LIGHT SENSOR	❼ RS-232C IN
❷ HDMI IN 2	❺ AUDIO OUT	❽ RS-232C OUT
❸ HDMI IN 3	❻ LAN	❾ USB 2.0 IN

* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

Specification

	Model Name	SM5J
Panel	Screen Size	81.28 cm (32)
	Panel Technology	IPS
	Back Light Type	Direct
	Aspect Ratio	16:9
	Native Resolution	1920 x 1080 (FHD)
	Refresh Rate	60 Hz
	Brightness	400 nits (Typ.)
	Viewing Angle (H x V)	178 x 178
	Color Depth	10-bit (D), 1.07Bilion colors
	Response Time	10 ms (G to G)
	Surface Treatment (Haze)	1%
	Operation Hours (Hours / Day)	24 / 7
	Portrait / Landscape	Yes / Yes
Connectivity	Input	HDMI (3, HDCP 2.2), USB 2.0 (Type A)
Output	Output	Audio Out (Off / Fixed / Variable)
	External Control	RS-232C In / Out (Phone-jack Type), RJ45 In (LAN), IR In (Phone-jack Type)
Mechanical Specification	Bezel Color	Black
	Bezel Width	13 mm (T/ R / L), 18 mm (B)
	Weight (Head)	5.7 Kg
	Weight (Head+Stand)	6.5 Kg
	Packed Weight	7.4 Kg
	Monitor Dimension (W x H x D)	729.4 mm x 428.9 mm x 55.5 mm
	Monitor Dimensions with Stand (W x H x D)	729.4 mm x 481 mm x 154.2 mm
	Carton Dimensions (W x H x D) (Box outer size)	810 mm x 510 mm x 132 mm
	VESA™ Standard Mount Interface	200 x 200
Key Feature		Internal Memory 8 GB, Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Local Key Operation, webOS 6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Screen Share, Play via URL, Setting Data Cloning, SNMP, ISM (Image Sticking Minimization) Method, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC (Compatibility may differ by equipment), SI Sever Setting, webRTC, Pro:Idiom
Environment Conditions	Operation Temperature	0 °C to 40 °C
	Operation Humidity	10 % to 80 %
Power	Power Supply	AC 100-240V ~,50 / 60 Hz
	Power Type	Built-In Power
Power Consumption	Typ.	55 W
	Max.	75 W
	BTU (British Thermal Unit)	187.67BTU / Hr (Typ.), 255.911BTU / Hr (Max.)
	Smart Enegy Saving	38.5 W
	DPM	0.5 W
	Power off	0.5 W
Sound	Speaker	10 W x 2 EA
Certification	Safety	CB / NRTL
	EMC	FCC Class "A" / CE
	Energy Star	Yes
Software Compatibility	SuperSign CMS	Yes
	SuperSign Control / Control+	Yes / Yes
	SuperSign WB	Yes
	SuperSign Media Editor	Yes
	LG ConnectedCare	Yes
Accessory	Basic	Remote Controller (include battery 2ea), Power Cord, QSG, HDMI Cable, Phone to RS232C Gender
	Optional	Stand (ST-322T), Wall bracket (LSW230B), VESA Adapter (AM-B220S)