

PANEL

Screen Size	86
Panel Technology	IPS
Back Light Type	Edge
Aspect Ratio	16 : 9
Native Resolution	3840 x 2160 (UHD)
Refresh Rate	120Hz
Brightness	500nit (Typ.)
Contrast Ratio	1,100:1
Dynamic CR	1,000,000:1
Color gamut	NTSC 72%
Viewing Angle(H x V)	178 X 178
Color Depth	10bib, 1.07Billion colors
Response Time	8ms (G to G)
Surface Treatment(Haze)	28%
Life time	50,000Hrs (Typ.)
Operation Hours (Hours/Day)	24/7
Portrait / Landscape	Yes / Yes

CONNECTIVITY

Input	HDMI (3, HDMI1/HDMI2 : HDCP 2.2/1.4, HDMI3 : HDCP 1.4), DP (1, HDCP2.2/1.3), DVI-D (HDCP1.4), Audio In, RS232C IN (1, 4pin Phone-jack), RJ45(LAN), IR IN, USB2.0 Type A(1)
--------------	--

Output	HDMI Out, Audio Out, RS232C OUT (1, 4pin Phone-jack)
---------------	--

MECHANICAL SPECIFICATION

Bezel Color	Black
--------------------	-------

Bezel Width	Even bezel : 14.3mm
--------------------	---------------------

Weight(Head)	49.0Kg
---------------------	--------

Packed Weight	72.5Kg (With Pallet)
----------------------	----------------------

Monitor Dimension(W x H x D)	1926.2 x 1097.2 x 60.6mm (without Handle and LG Logo)
-------------------------------------	--

Carton Dimensions(W x H x D) (Box outer size)	2073 x 1250 x 285mm
--	---------------------

Handle	Yes
---------------	-----

VESA™ Standard Mount Interface	600 x 400
---------------------------------------	-----------

KEY FEATURE

Key features	Internal Memory 16 GB, Built-in Wi-Fi, Temperature Sensor, Auto Brightness sensor, Acceleration(Gyro) Sensor, Local Key Operation, webOS6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail over, Background Image (Bootimg Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Multi-screen (PIP, PBP (4)), Screen Share, Video Tag (4), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, 3rd Party Compatibility (Crestron Connected), Power (Smart Energy Saving, PM mode, Wake on LAN, Beacon, HDMI-CEC, SI Server Setting, webRTC, Pro:Idiom
---------------------	---

ENVIRONMENT CONDITIONS

Operation Temperature	0 °C to 40 °C
-----------------------	---------------

Operation Humidity	10 % to 80 %
--------------------	--------------

POWER

Power Supply	AC 100-240V~, 50/60Hz
--------------	-----------------------

Power Type	Built-In Power
------------	----------------

POWER CONSUMPTION

Typ.	215W (TBD)
------	------------

Max.	280W (TBD)
------	------------

BTU (British Thermal Unit)	733.69 BTU/Hr(Typ.), 955.5 BTU/Hr(Max) (TBD)
----------------------------	--

Smart Energy Saving(~70%)	150.5W (TBD)
---------------------------	--------------

DPM	0.5W
-----	------

Power off	0.5W
-----------	------

SOUND

Speaker	Yes
---------	-----

CERTIFICATION

Safety	CB / NRTL
--------	-----------

EMC	FCC Class "A" / CE / KC
-----	-------------------------

ErP / Energy Star	Yes (NewErP) / No (TBD)
-------------------	-------------------------

OPS COMPATIBILITY

OPS Type Compatible	Yes
---------------------	-----

SOFTWARE COMPATIBILITY

SuperSign CMS	Yes
---------------	-----

SuperSign Control / Control+	Yes / Yes
------------------------------	-----------

SuperSign WB	Yes
--------------	-----

SuperSign Media Editor	Yes
------------------------	-----

Mobile CMS	Yes
------------	-----

Signage 365 Care	Yes
------------------	-----

LANGUAGE

OSD	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek, Turkish, Arabic
-----	---

ACCESSORY

Basic	Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender
-------	---

Optional	OPS Kit(KT-OPSF), LSW640A/B(Wall Mount)
----------	---
