

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	10bit, 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,
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	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 × 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, Proddiom
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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 Enegy Saving(~70%)	150.5W (TBD)
DPM	0.5W
Power off	0.5W

SOUND

Speaker	Yes
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CERTIFICATION

Safety	CB / NRTL
EMC	FCC Class "A" / CE / KC
ErP / Energy Star	Yes (NewErP) / No (TBD)

OPS COMPATIBILITY

OPS Type Compatible	Yes
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SOFTWARE COMPATIBILITY

SuperSign CMS	Yes
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SuperSign Control / Control+	Yes / Yes
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SuperSign WB	Yes
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SuperSign Media Editor	Yes
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Mobile CMS	Yes
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Signage 365 Care	Yes
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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
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ACCESSORY

Basic	Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender
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Optional	OPS Kit(KT-OPSF), LSW640A/B(Wall Mount)
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