

PANEL

Screen Size	50"
Panel Technology	IPS
Back Light Type	Direct
Aspect Ratio	16:9
Native Resolution	3840 x 2160 (UHD)
Refresh Rate	60 Hz
Brightness (Typ.)	400 nits
Contrast Ratio	1200:1
Dynamic CR	1,000,000 : 1
Color Gamut	DCI 80%
Viewing Angle (H x V)	178° x 178°
Color Depth	10bit, 1.07 Billion colors
Response Time (G to G)	12 ms
Surface Treatment (Haze)	3%
Lifetime	30,000 Hours
Operation Hours (Hours/Days)	16/7
Portrait / Landscape	Yes / Yes

SOUND

Built-in Speaker	Yes
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CONNECTIVITY

HDMI 1.4 In	0(3), HDCP2.2/1.4
RS-232C In 	3.5mm Stereo (4-pin)

CONNECTIVITY

RJ45 (LAN)	Yes
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CONNECTIVITY

USB 2.0 Type A	Yes (x2)
Audio Out	Yes
RS-232C Out 	3.5mm Stereo (4-pin)

MECHANICAL

Bezel Color	Navy Blue (Near Black)
Bezel Width (Off Bezel)	7.3 / 7.3 / 7.3 / 18.4 mm
Bezel Width (On Bezel)	12.8 / 12.8 / 12.8 / 19.9 mm
Weight	25.8 lbs / 11.7 kg
Shipping Weight	32.2 lbs / 14.6 kg
Dimensions (W x H x D)	47.8 x 25.6 x 2.2 in 1215 x 651 x 57.1 mm
Shipping Dimensions (W x H x D)	47.8 x 30.5 x 6.0 in 1215 x 775 x 152 mm

Handle	No
Stand	No
VESATM Standard Mount Interface	200 x 200

FEATURES

Internal Memory	8GB
Built-in Wi-Fi	Yes
Temperature Sensor	Yes
Auto Brightness sensor	Yes
Local Key Operation	Yes (Power On/Off only)
Fanless Design	Yes
webOS™ ver.	webOS™ 6.0
Local Contents Scheduling	Yes
Group Manager	Yes
USB Plug & Play	Yes
Fail over	Yes
Booting Logo Image	Yes
No Signal Image	Yes
RS-232C Sync	Yes
Local Network Sync	Yes

Screen Share	Yes
Video Tag	Yes (4, Max One HDMI input)
Play via URL	Yes
Screen Rotation	Yes
External Input Rotation	Yes
Gapless Playback	Yes
Setting Data Cloning	Yes

FEATURES

SNMP	Yes
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FEATURES

ISM Method	Yes
Auto Set ID	Yes
Status Mailing	Yes
Control Manager	Yes
Crestron Connected	Yes
Smart Energy Saving	Yes
PM mode	Yes
Wake on LAN	Yes
Network Ready	Yes

Beacon	Yes
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HDMI-CEC	Yes
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SI Server Setting	Yes
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webRTC	Yes
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Pro:Idiom	Yes
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POWER & ENVIRONMENT

Operation Humidity	10% to 80%
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Power Supply	100 to 240 Vac, 50/60 Hz
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Power Type	Built-In Power
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Power Consumption (Typ.)	105 W 358.274 BTU/Hr
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Power Consumption (Max.)	150 W 511.821 BTU/Hr
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Smart Enegy Saving (70%)	66 W
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DPM	0.5 W
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Power off	0.5 W
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Operation Temperature	32°F to 104°F 0°C to 40°C
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Operation Temperature (Portrait Scene)	32°F to 95°F 0°C to 35°C"
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CERTIFICATION

FCC Class "A" (Regulatory)	Yes
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CE (Regulatory)	Yes
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ErP / Energy Star (Environmental)	Yes / Yes
ePEAT (US only) (Environmental)	Yes

LG SOFTWARE & SERVICES*

SuperSign CMS	Yes
SuperSign Control / Control+	Yes/Yes

LG SOFTWARE & SERVICES*

SuperSign White Balance	Yes
SuperSign Media Editor	Yes
Promota	Yes (Not available for EU/CIS)
Signage 365 Care	Yes

WARRANTY & ACCESSORIES

Warranty	3 Year Limited
Onscreen Display Languages	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, Polski
Accessories	Remote Control (w/ 2 batteries), Power Cord, Regulation Book, Phone to D-Sub9 Adapter, Cable Holder