

All Spec

PANEL

Screen Size (Inch)	Panel Technology
49	IPS
Back Light Type	Aspect Ratio
Edge	16:9
Native Resolution	Refresh Rate
3840 x 2160 (UHD)	60Hz
Brightness	Contrast Ratio
500nit (Typ.)	1,000:1
Dynamic CR	Color Gamut
1,000,000:1	BT709 95%
Viewing Angle (H x V)	Color Depth (Number of Colors)
178° x 178°	1.07 Billion colors
Response Time	Surface Treatment (Haze)
8ms (G to G)	Haze 28%
Life time	Operation Hours (Hours/Day)
50,000Hrs (Min.)	24/7
Portait / Landscape	Transparency
YES / YES	N/A
QWP (Quarter Wave Plate)	
N/A	

CONNECTIVITY

HDMI In	HDMI In (HDCP Ver.)
YES (3ea)	2.2/1.4
DP In	DVI-D In
YES (HDCP 2.2/1.3)	YES (HDCP 1.4)
RGB In	Audio In
NO	YES
RS232C In	RJ45(LAN) In
YES	YES (1ea)
IR In	USB In
YES	USB2.0 Type A (1ea)

HDMI Out
NO

Audio Out
YES

External Speaker Out
NO

RJ45(LAN) Out
NO

Daisy Chain
NO

DP Out
YES

Touch USB
NO

RS232C Out
YES

IR Out
NO

MECHANICAL SPECIFICATION

Bezel Color
Black

Weight (Head)
15.4Kg

Packed Weight
18.8Kg

Monitor Dimension with Stand (W x H x D)
1098.6 x 694.3 x 290.0mm

Handle
NO

Bezel Width
T/R/L: 9.9mm, B: 14.4mm

Weight (Head+Stand)
16.0Kg

Monitor Dimensions (W x H x D)
1098.6 x 644.5 x 39.9mm (with LG Logo)

Carton Dimensions (W x H x D)
1197.0 x 775.0 x 162.0mm

VESA Standard Mount Interface
300 x 300 mm

FEATURE - HARDWARE

Internal Memory (eMMC)
8GB

Temperature Sensor
YES

Pixel Sensor
NO

Current Sensor
NO

Humidity Sensor
NO

Power Indicator
NO

FAN (Built-in)
NO

Wi-Fi/BT (Built-in)
YES

Auto Brightness Sensor
YES

Proximity Sensor
NO

BLU Sensor
NO

Acceleration(Gyro) Sensor
YES

Local Key Operation
YES

FEATURE - SOFTWARE

OS Ver. (webOS) webOS 4.1	Local Contents Scheduling YES
Group Manager YES	USB Plug & Play YES
Fail over YES	Bootimg Logo Image YES
No Signal Image YES	RS232C Sync YES
Local Network Sync YES	Backlight Sync NO
PIP YES	PBP YES (4PBP)
Screen Share YES	Video Tag YES (4 Video Tag)
Play via URL YES	Screen Rotation YES
External Input Rotation YES	Gapless Playback YES
Tile Mode Setting YES	Setting Data Cloning YES
SNMP YES	ISM Method YES
Auto Set ID YES	Status Mailing YES
Control Manager YES	Cisco Certification YES
Crestron Connected YES	Smart Energy Saving YES
PM mode YES	Wake on LAN YES
Network Ready YES	Beacon YES
HDMI-CEC YES	SI Server Setting YES
webRTC YES	Pro:Idiom YES
Brightness Compensation NO	W/B Setting by Grey scale NO

Scan Inversion
NO

ENVIRONMENT CONDITIONS

Operation Temperature	Operation Humidity
0 °C to 40 °C	10 % to 80 %

POWER

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

POWER CONSUMPTION

Typ.	Max.
95W	130W
BTU (British Thermal Unit)	Smart Energy Saving (70%)
324 BTU/Hr(Typ.), 444 BTU/Hr(Max.)	76W
DPM	Power off
0.5W	0.5W

SOUND

Speaker (Built-in)
YES (10W x 2)

CERTIFICATION

Safety	EMC
CB / NRTL	FCC Class "A" / CE / KC
ERP / Energy Star	ePEAT(US only)
YES(NewErP) / YES	NO

OPS COMPATIBILITY

OPS Type compatible	OPS Power Built-in
YES (Piggyback)	NO

SOFTWARE COMPATIBILITY

SuperSign CMS	SuperSign Control+
YES	YES
SuperSign WB	SuperSign Cloud
YES	NO
Promota	Mobile CMS
YES	YES
Connected 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, Türkçe, Arabic

ACCESSORY

Basic	Optional
Remote Controller(include battery 2ea), Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender	Stand(ST-653T), OPS Kit(KT-OPSF)

SPECIAL FEATURE

Overlay Touch Compatibility	Smart Calibration
N/A	N/A
Tilt (Face up)	Tilt (Face down)
N/A	Max. 30 degree
IP Rating	Conformal Coating (Power Board)
IP5X	YES
Power Protection	Direct Sunlight
N/A	N/A