

## PANEL

|                             |                              |
|-----------------------------|------------------------------|
| Screen Size                 | 49"                          |
| Panel Technology            | IPS                          |
| Back Light Type             | Edge                         |
| Aspect Ratio                | 16 : 9                       |
| Native Resolution           | 3840 x 2160 (UHD)            |
| Refresh Rate                | 60Hz                         |
| Brightness                  | 500nit (Typ.)                |
| Contrast Ratio              | 1,000:1                      |
| Dynamic CR                  | 1,000,000:1                  |
| Color gamut                 | BT709 95%                    |
| Viewing Angle(H x V)        | 178 X 178                    |
| Color Depth                 | 10bit(D), 1.07Billion colors |
| Response Time               | 8ms (G to G)                 |
| Surface Treatment(Haze)     | 28%                          |
| Life time                   | 50,000Hrs (Min.)             |
| Operation Hours (Hours/Day) | 24/7                         |
| Portrait / Landscape        | Yes / Yes                    |

## CONNECTIVITY

|               |  |
|---------------|--|
| <b>Input</b>  | 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) |
| <b>Output</b> | HDMI Out, Audio Out, RS232C OUT (1, 4pin Phone-jack)   |

## MECHANICAL SPECIFICATION

|  |   |
|--|---|
| <b>Bezel Color</b>                                   | Black                                     |
| <b>Bezel Width</b>                                   | T/R/L: 9.9mm, B: 14.4mm                   |
| <b>Weight(Head)</b>                                  | 15.4Kg                                    |
| <b>Weight(Head+Stand)</b>                            | 16.0Kg                                    |
| <b>Packed Weight</b>                                 | 18.8 kg                                   |
| <b>Monitor Dimension(W x H x D)</b>                  | 1098.6 x 644.5 x 39.9mm<br>(with LG Logo) |
| <b>Monitor Dimensions with Stand(W x H x D)</b>      | 1098.6 x 694.3 x 290.0mm                  |
| <b>Carton Dimensions(W x H x D) (Box outer size)</b> | 1197.0 x 775.0 x 162.0mm                  |
| <b>VESA™ Standard Mount Interface</b>                | 300 x 300                                 |

## KEY FEATURE

|                     |  |
|---------------------|--|
| <b>Key features</b> | 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, Network Ready), Beacon, HDMI-CEC, SI Server Setting, webRTC, Pro:Idiom

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## ENVIRONMENT CONDITIONS

Operation Temperature 0 °C to 40 °C

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Operation Humidity 10 % to 80 %

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## POWER

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

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Power Type Built-In Power

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## POWER CONSUMPTION

Typ. 100W

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Max. 140W

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BTU (British Thermal Unit) 342 BTU/Hr(Typ.), 478 BTU/Hr(Max.)

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Smart Energy Saving(~70%) 70W

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DPM 0.5W

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Power off 0.5W

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## SOUND

Speaker Yes

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## CERTIFICATION

Safety CB / NRTL

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|            |                         |
|------------|-------------------------|
| <b>EMC</b> | FCC Class "A" / CE / KC |
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|                          |                    |
|--------------------------|--------------------|
| <b>ErP / Energy Star</b> | Yes (NewErP) / Yes |
|--------------------------|--------------------|

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| <b>Carbon Trust Certified (CO2 Measured)</b> | Yes |
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## OPS COMPATIBILITY

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|----------------------------|-----|
| <b>OPS Type Compatible</b> | Yes |
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## SOFTWARE COMPATIBILITY

|                      |     |
|----------------------|-----|
| <b>SuperSign CMS</b> | Yes |
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| <b>SuperSign Control / Control+</b> | Yes / Yes |
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|---------------------|-----|
| <b>SuperSign WB</b> | Yes |
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| <b>SuperSign Media Editor</b> | Yes |
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|                   |     |
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| <b>Mobile CMS</b> | Yes |
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| <b>Signage 365 Care</b> | Yes |
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## LANGUAGE

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|------------|---|
| <b>OSD</b> | English, French, German, Spanish, Italian, Korean ,<br>Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish,<br>Finnish, Norwegian, Danish, Russian, Japanese,<br>Portugues(Europe), Dutch, Czech, Greek, Turkish, Arabic |
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## ACCESSORY

|              |   |
|--------------|---|
| <b>Basic</b> | Remote Controller(include battery 2ea), Power Cord, QSG,<br>Regulation Book, Phone to RS232C Gender |
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|                 |   |
|-----------------|---|
| <b>Optional</b> | Stand(ST-653T), Wall bracket(LSW350B), OPS Kit(KT-OPSF) |
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## SPECIAL FEATURE

Tilt(Facedown)

Yes (Max 30° degree, 30°C temperature, humidity 50%)

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IP Rating

IP5X

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