

PANEL

|                             |                                     |
|-----------------------------|-------------------------------------|
| Screen Size                 | 55"                                 |
| Panel Technology            | IPS                                 |
| Back Light Type             | Direct                              |
| Aspect Ratio                | 16 : 9                              |
| Native Resolution           | 1,920 x 1,080 (FHD)                 |
| Refresh Rate                | 60 Hz                               |
| Brightness                  | 500nit (Typ.)                       |
| Contrast Ratio              | 1,100:1                             |
| Dynamic CR                  | 500,000:1                           |
| Color gamut                 | NTSC 72%                            |
| Viewing Angle(H x V)        | 178x178                             |
| Color Depth                 | 10bit, 1.07Billion colors           |
| Response Time               | 8 ms (G to G)                       |
| Surface Treatment(Haze)     | 28%                                 |
| Life time                   | 60,000Hrs (Typ.) / 50,000Hrs (Min.) |
| Operation Hours (Hours/Day) | 24/7                                |
| Portrait / Landscape        | Yes / Yes                           |

CONNECTIVITY(JACK INTERFACE)

|               |                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Input</b>  | HDMI (2, HDCP2.2), DP (1,HDCP2.2), DVI-D (1, HDCP1.4), Audio In, RS232C IN, RJ45(LAN), IR IN, USB2.0 Type A (1) |
| <b>Output</b> | DP Out (1, Input : HDMI / DVI / DP), Audio Out, RS232C OUT, RJ45(LAN)                                           |

## MECHANICAL SPECIFICATION

|                                                      |                           |
|------------------------------------------------------|---------------------------|
| <b>Bezel Color</b>                                   | Black                     |
| <b>Bezel Width</b>                                   | Even bezel : 0.44mm       |
| <b>Weight (Head)</b>                                 | 16.8Kg                    |
| <b>Packed Weight</b>                                 | 23.6Kg                    |
| <b>Monitor Dimension(W x H x D)</b>                  | 1210.51 x 681.22 x 86.5mm |
| <b>Carton Dimensions(W x H x D) (Box outer size)</b> | 1353 x 855 x 263mm        |
| <b>Handle</b>                                        | Yes                       |
| <b>VESA™ Standard Mount Interface</b>                | 600 x 400                 |

## KEY FEATURE

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HW</b> | Internal Memory 8GB, Temperature Sensor, BLU Sensor, Acceleration(Gyro) Sensor, Local Key Operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>SW</b> | webOS ver. (webOS 4.1), Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail over, Background Image (No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (4), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15x15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, 3rd Party Compatibility (Crestron Inside), Power (Smart Energy Saving, PM mode, Wake on LAN, Network Ready), HDMI-CEC, SI Server Setting, webRTC, Pro:Idiom, W/B Setting by Grey scale, Scan Inversion |

## 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.                       | 200W(TBD)   |
| Max.                       | 250W(TBD)   |
| BTU (British Thermal Unit) | 682BTU(TBD) |
| Smart Enegy Saving         | 105W(TBD)   |
| DPM                        | 0.5W        |
| Power off                  | 0.5W        |

## CERTIFICATION

|                   |                                 |
|-------------------|---------------------------------|
| Safety            | CB / NRTL                       |
| EMC               | FCC Class "B" / CE / KC         |
| ErP / Energy Star | Yes (EU Only) / Energy Star 8.0 |

## OPS COMPATIBILITY

|                     |                 |
|---------------------|-----------------|
| OPS Type Compatible | Yes (Piggyback) |
|---------------------|-----------------|

## SOFTWARE COMPATIBILITY

|                              |           |
|------------------------------|-----------|
| SuperSign CMS                | Yes       |
| SuperSign Control / Control+ | Yes / Yes |
| SuperSign WB                 | Yes       |
| SuperSign Media Editor       | Yes       |
| LG Connected Care            | Yes       |

## LANGUAGE

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

## ACCESSORY

|          |                                                                                                                                         |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Basic    | Remote Controller(include battery 2ea), Power Cord, RS232C<br>cable, Lan calbe, DP cable, IR Receiver, Guide Bracket, Screws,<br>Manual |
| Optional | OPS Kit (KT-OPSF)                                                                                                                       |

## SPECIAL FEATURE

|                   |     |
|-------------------|-----|
| Smart Calibration | Yes |
|-------------------|-----|