

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                | 60Hz                                |
| Brightness(Typ., nit)       | 700                                 |
| Contrast Ratio              | 1,000:1                             |
| Dynamic CR                  | 500,000 : 1                         |
| Color Gamut                 | NTSC 72%                            |
| Viewing Angle(H x V)        | 178 x 178                           |
| 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

|       |                                                                                                             |
|-------|-------------------------------------------------------------------------------------------------------------|
| Input | HDMI 2 (HDCP 2.2), DP (HDCP 2.2), DVI-D (HDCP 1.4), Audio In, RS-232C In, RJ45 (LAN), IR In, USB 2.0 Type A |
|-------|-------------------------------------------------------------------------------------------------------------|

|        |                                                                      |
|--------|----------------------------------------------------------------------|
| Output | DP Out (Input : HDMI / DVI / DP), Audio Out, RS-232C Out, RJ45 (LAN) |
|--------|----------------------------------------------------------------------|

MECHANICAL SPECIFICATION

|                                               |                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bezel Color                                   | Black                                                                                                                                     |
| Bezel Width                                   | B2B : 1.74mm (Panel Bezel to Panel Bezel), 1.3mm(T/L), 0.44mm(B/R)<br>A2A : 2.49mm (Active area to Active area), 1.75mm(T/L), 0.74mm(B/R) |
| Weight(Head)                                  | 18.8 Kg                                                                                                                                   |
| Packed Weight                                 | 31.0 Kg (when individual pallet applied)                                                                                                  |
| Monitor Dimension(W x H x D)                  | 1,212.2 × 683.0 × 86.9 mm                                                                                                                 |
| Carton Dimensions(W x H x D) (Box outer size) | 1,353 x 855 x 263 mm                                                                                                                      |
| Handle                                        | Yes                                                                                                                                       |
| VESA™ Standard Mount Interface                | 600 x 400                                                                                                                                 |

KEY FEATURE

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HW | Internal Memory 8 GB, Sensor (Temperature Sensor, BLU Sensor, Acceleration(Gyro) Sensor), Local Key Operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SW | 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. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, 3rd Party Compatibility (Crestron Connected®2)), Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready), HDMI-CEC3), 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.                       | 210 W                             |
| Max.                       | 250 W                             |
| BTU (British Thermal Unit) | 717 BTU/Hr(Typ.), 853 BTU/Hr(Max) |
| Smart Energy Saving        | 110 W                             |
| DPM                        | 0.5 W                             |
| Power off                  | 0.5 W                             |

CERTIFICATION

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

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

|           |             |
|-----------|-------------|
| IP Rating | IP5X tested |
|-----------|-------------|