

# All Spec

## PANEL

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|                          |                                |
|--------------------------|--------------------------------|
| Screen Size (Inch)       | Panel Technology               |
| 21.5                     | IPS                            |
| Back Light Type          | Aspect Ratio                   |
| Edge                     | 16:9                           |
| Native Resolution        | Refresh Rate                   |
| 1920 x 1080 (FHD)        | 60Hz                           |
| Brightness               | Contrast Ratio                 |
| 250nit (Typ.)            | 1,000:1                        |
| Dynamic CR               | Color Gamut                    |
| 400,000:1                | BT709 95%                      |
| Viewing Angle (H x V)    | Color Depth (Number of Colors) |
| 178º x 178º              | 16.7 Million colors            |
| Response Time            | Surface Treatment (Haze)       |
| 14ms (G to G)            | Haze 25%                       |
| Life time                | Operation Hours (Hours/Day)    |
| 30,000Hrs (Min.)         | 16/7                           |
| Portait / Landscape      | Transparency                   |
| YES / YES                | N/A                            |
| QWP (Quarter Wave Plate) |                                |
| N/A                      |                                |

## CONNECTIVITY

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|           |                     |
|-----------|---------------------|
| HDMI In   | HDMI In (HDCP Ver.) |
| YES (2ea) | 2.2                 |
| DP In     | DVI-D In            |
| NO        | NO                  |
| 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  
NO

External Speaker Out  
NO

RJ45(LAN) Out  
NO

Daisy Chain  
NO

DP Out  
NO

Touch USB  
NO

RS232C Out  
NO

IR Out  
NO

MECHANICAL SPECIFICATION

Bezel Color  
Black

Weight (Head)  
3.34Kg

Packed Weight  
4.74Kg

Monitor Dimension with Stand (W x H x D)  
N/A

Handle  
NO

Bezel Width  
Even bezel : 16.3mm

Weight (Head+Stand)  
N/A

Monitor Dimensions (W x H x D)  
510.3 x 302.1 x 53.8mm

Carton Dimensions (W x H x D)  
565.0 x 357.0 x 103.0mm

VESA Standard Mount Interface  
100 x 100 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  
NO

Proximity Sensor  
NO

BLU Sensor  
NO

Acceleration(Gyro) Sensor  
NO

Local Key Operation  
YES

# FEATURE - SOFTWARE

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|                                |                                  |
|--------------------------------|----------------------------------|
| OS Ver. (webOS)<br>webOS 4.1   | Local Contents Scheduling<br>YES |
| Group Manager<br>YES           | USB Plug & Play<br>YES           |
| Fail over<br>YES               | Bootimg Logo Image<br>YES        |
| No Signal Image<br>YES         | RS232C Sync<br>NO                |
| Local Network Sync<br>NO       | Backlight Sync<br>NO             |
| PIP<br>YES                     | PBP<br>YES (2PBP)                |
| Screen Share<br>YES            | Video Tag<br>YES (2 Video Tag)   |
| Play via URL<br>YES            | Screen Rotation<br>YES           |
| External Input Rotation<br>YES | Gapless Playback<br>YES          |
| Tile Mode Setting<br>NO        | Setting Data Cloning<br>YES      |
| SNMP<br>YES                    | ISM Method<br>YES                |
| Auto Set ID<br>NO              | Status Mailing<br>YES            |
| Control Manager<br>YES         | Cisco Certification<br>NO        |
| Crestron Connected<br>YES      | Smart Energy Saving<br>YES       |
| PM mode<br>YES                 | Wake on LAN<br>YES               |
| Network Ready<br>YES           | Beacon<br>YES                    |
| HDMI-CEC<br>YES                | SI Server Setting<br>YES         |
| webRTC<br>YES                  | Pro:Idiom<br>YES                 |
| Brightness Compensation<br>NO  | W/B Setting by Grey scale<br>NO  |

Scan Inversion  
NO

ENVIRONMENT CONDITIONS

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

POWER

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

POWER CONSUMPTION

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|                                    |                           |
|------------------------------------|---------------------------|
| Typ.                               | Max.                      |
| 30W                                | 33W                       |
| BTU (British Thermal Unit)         | Smart Energy Saving (70%) |
| 103 BTU/Hr(Typ.), 113 BTU/Hr(Max.) | 15W±5%                    |
| DPM                                | Power off                 |
| 0.5W(WOL Off), 3.2W(WOL On)        | 0.5W                      |

SOUND

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Speaker (Built-in)  
YES (1W x 2)

CERTIFICATION

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|                   |                    |
|-------------------|--------------------|
| Safety            | EMC                |
| CB / NRTL         | FCC Class "A" / CE |
| ERP / Energy Star | ePEAT(US only)     |
| NO / NO           | NO                 |

OPS COMPATIBILITY

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|                     |                    |
|---------------------|--------------------|
| OPS Type compatible | OPS Power Built-in |
| NO                  | NO                 |

SOFTWARE COMPATIBILITY

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|                |                    |
|----------------|--------------------|
| SuperSign CMS  | SuperSign Control+ |
| YES            | YES                |
| SuperSign WB   | SuperSign Cloud    |
| YES            | NO                 |
| Promota        | Mobile CMS         |
| NO             | NO                 |
| Connected Care |                    |
| YES            |                    |

LANGUAGE

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|                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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|                                                                                                                    |          |
|--------------------------------------------------------------------------------------------------------------------|----------|
| Basic                                                                                                              | Optional |
| Remote Controller(include battery 2ea), Power Cord, QSG, HDMI Cable, Phone to RS232C Gender, External IR, IR Sheet | NO       |

SPECIAL FEATURE

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|                             |                                 |
|-----------------------------|---------------------------------|
| Overlay Touch Compatibility | Smart Calibration               |
| N/A                         | N/A                             |
| Tilt (Face up)              | Tilt (Face down)                |
| N/A                         | N/A                             |
| IP Rating                   | Conformal Coating (Power Board) |
| N/A                         | N/A                             |
| Power Protection            | Direct Sunlight                 |
| N/A                         | N/A                             |