



# SAMSUNG SMART SIGNAGE OUTDOOR DISPLAYS OHF SERIES

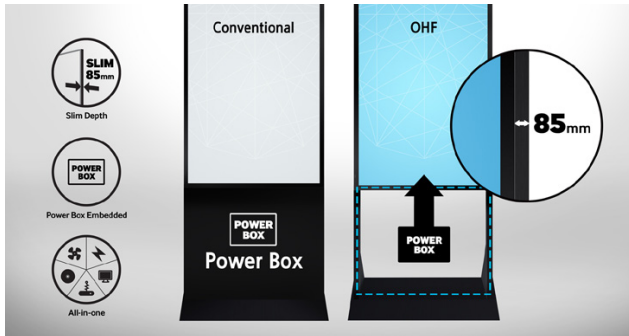
A powerful all-inclusive signage solution for outdoor business messaging

Samsung's OHF Series SMART Signage delivers an all-inclusive engagement solution that is completely equipped for virtually any outdoor environment. Featuring a slim depth (85 mm.) design, along with the added convenience of an embedded power box, the OHF Series displays ensure durability, flexibility and 24/7 performance even in extreme temperatures. And with 2,500 nit brightness, a 5,000:1 contrast ratio and anti-reflection glass, businesses can ensure their messages are showcased almost anytime or anywhere.

## HIGHLIGHTS

- Find convenience in an all-in-one solution with an embedded power box and network hub
- Clearly showcase featured content through an ultra-slim depth (85 mm.) design
- Validate overall endurance with IK10 certification
- Ensure 24/7, IP56-certified durability in extreme weather environments
- Leverage a filter-less self-cooling system for easy maintenance and reduced TCO
- Deliver excellent visibility in direct sunlight through high 2,500nit brightness and anti-reflection glass
- Achieve convenient content management through an advanced, TIZEN-powered platform

## KEY FEATURES



### AN ALL-ENCOMPASSING ARRAY OF PRE-ASSEMBLED, OUTDOOR-READY FEATURES

The OHF Series displays feature a thinly-designed, all-in-one composition which enables convenient and easy installation. A thorough package equips the displays for long-term performance, and includes ingress protection, anti-reflection technology, vandalism defense and a highly-efficient cooling system, among others. In addition, an integrated power box condenses operational components and accommodates an ultra-slim (85 mm.) frame. Embedded network hub functionality further reduce TCO by eliminating the need for a router when linking products, and allow smooth connectivity should the display be exposed to heat or water.

### ROBUST IK10 ENDURANCE

Tempered, IK10-certified\* Magic Glass (5 mm.) provides the OHF Series displays with durable advanced protection against a range of external and environmental factors. Should the protective glass break, a strategically-placed gap between the Magic Glass and LCD panel prevents significant damage and enables efficient repair.

\*The IK European strength test rating uses a 0-10 scale (where 10 indicates the highest possible protection) to measure the degree of resistance against external impact.



### EXCELLENT AND CAPTIVATING VISIBILITY

- High Visibility

The OHF Series displays feature innovative Magic Glass, TUV-certified image quality and an Auto Brightness sensor to improve picture quality and optimize message delivery for any viewer. When combined, these features produce high 2,500nit brightness and a 5,000:1 contrast ratio that amplify any type of content. These powerful displays also include circular polarizing technology that eliminates display blindness caused by polarized sunglasses.

- Reflection Prevention

Beyond its basic picture enhancement functionality, the OHF Series' Magic Glass minimizes reflection and enables rich, clear image presentation even when exposed to direct sunlight. Along with their high brightness and contrast ratio, the OHF Series displays' reflectivity ensures continuous visibility and content integrity in any outdoor setting.

## KEY FEATURES



### ENERGY-EFFICIENT PERFORMANCE

Through advanced thermal control functionality and a filter-free design, the OHF Series displays operate at reduced energy consumption. An integrated heat exchanger modifies signage resources depending on the environment, and ultimately cuts costs for operators.

### OPERATE RELIABLY IN VIRTUALLY ANY ENVIRONMENT

Each OHF Series display undergoes rigorous IP56 ingress defense testing to ensure resistance to dust, heat, moisture and other environmental variables that can impede operations. This includes an integrated self-cooling system that keeps the OHF Series displays running in temperatures ranging from -30oC (-22oF) to 50oC (122oF). In turn, operators can feel confident in the displays' ability to perform 24/7, and without requiring expensive external cooling systems or security measures.



### VESA-COMPLIANT FOR SIMPLIFIED MOUNTING

To accommodate VESA regulations, users can add optional brackets\* to their OHF Series package. Beyond ensuring compliance, the brackets offer greater flexibility to mount displays in preferred locations without having to purchase specialized wall mounts.

\*Brackets are only available for the 46- and 55-inch OHF Series display models.

### ROBUST CONTENT CREATION AND MANAGEMENT

Samsung's MagicInfo Player S4 equips OHF Series users with a new graphic engine that boosts overall display performance while ensuring a seamless content transition. The platform also operates as an advanced content management solution that enables more convenient content creation, scheduling and deployment. MagicInfo Player S4 is robust enough to help large organizations monitor and manage multiple OHF Series displays through a single, centralized server.

**DESIGN / DIMENSION**

**OHF (46", 55", 75", 85")**

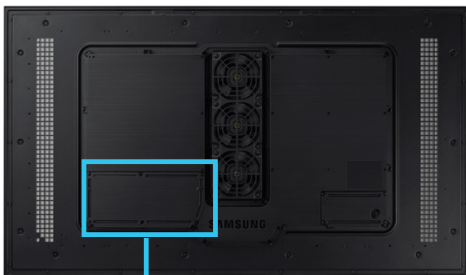


**FRONT**



**BACK**

**CONNECTIVITIES**



- 1. RS232C IN OUT
- 2. AUDIO OUT
- 3. USB
- 4. RJ45(LAN OUT)
- 5. HDBT(LAN IN)
- 6. HDMI IN1
- 7. HDMI IN2

## SPECIFICATIONS

OHF (46", 55", 75", 85")

| MODEL             |                         |                                      | OH46F  | OH55F  | OH75F  | OH85F  |
|-------------------|-------------------------|--------------------------------------|--|--|--|--|
| Panel             | Diagonal Size           | Class                                | 46   | 55   | 75   | 85   |
|                   |                         | Measured                             | 45.9" / 116.8cm  | 54.6" / 138.7cm  | 74.5" / 189.3cm  | 84.5" / 214cm  |
|                   | Resolution              |                                      | 1920x1080 (16:9)   | 1920x1080 (16:9)   | 1920 x 1080 (16:9)   | 3840x2160 (16:9)   |
|                   | Pixel Pitch(mm)         |                                      | 0.530 x 0.530  | 0.630 x 0.630  | 0.860 x 0.860  | 0.488 x 0.488  |
|                   | Active Display Area(mm) |                                      | 1018.08(H) x 572.67(V)   | 1209.60(H) x 680.40(V)   | 1650.24(H) x 928.26(V)   | 1872(H) x 1053(V)  |
|                   | Brightness(Typ.)        |                                      | 2,500 cd/m2  | 2,500 cd/m2  | 2,500 cd/m2  | 2,500 cd/m2  |
|                   | Contrast Ratio          |                                      | 5,000:1  | 4,000:1  | 5,000:1  | 3000:1   |
|                   | Viewing Angle(H/V)      |                                      | 178/178  | 178/178  | 178/178  | 178/178  |
|                   | Display Colors          |                                      | 8 bit - 16.7M  | 8 bit - 16.7M  | 8 bit - 16.7M  | 10 bit - 1.07B   |
|                   | Color Gamut             |                                      | 72%  | 72%  | 72%  | 72%  |
|                   | Operation Hour          |                                      | 24/7   | 24/7   | 24/7   | 24/7   |
|                   | Haze                    |                                      | 0%   | 0%   | 0%   | 0%   |
| Display           | Dynamic C/R             |                                      | 100,000:1  | 100,000:1  | 100,000:1  | 100,000:1  |
| Sound             | Speaker Type            |                                      | N/A  | N/A  | N/A  | N/A  |
| Connectivity      | INPUT                   | RGB                                  | N/A  | N/A  | N/A  | DP 1.2 (2) @UHD 60Hz   |
|                   |                         | VIDEO                                | HDMI 1.4 (2), HDBaseT(LAN Common)                                | HDMI 1.4 (2), HDBaseT(LAN Common)                                | HDMI 1.4 (2), HDBaseT(LAN Common)                                | HDMI 1.4 (2) @UHD 30Hz, HDBaseT                                  |
|                   |                         | HDCP                                 | HDCP 2.2   | HDCP 2.2   | HDCP 2.2   | HDCP 1.4   |
|                   |                         | AUDIO                                | N/A  | N/A  | N/A  | N/A  |
|                   |                         | USB                                  | USB 2.0 (1)  | USB 2.0 (1)  | USB 2.0 (1)  | USB 2.0 (1) (only for FW update)                                 |
|                   | OUTPUT                  | RGB                                  | N/A  | N/A  | N/A  | N/A  |
|                   |                         | VIDEO                                | N/A  | N/A  | N/A  | N/A  |
|                   |                         | AUDIO                                | Stereo Mini Jack   | Stereo Mini Jack   | Stereo Mini Jack   | Stereo Mini Jack   |
|                   |                         | USB                                  | N/A  | N/A  | N/A  | N/A  |
|                   |                         | Power Out                            | N/A  | N/A  | N/A  | N/A  |
|                   | External Control        |                                      | RS232C (In/Out), RJ45(In/Out), HDBaseT                           | RS232C (In/Out), RJ45(In/Out), HDBaseT                           | RS232C (In), RJ45, HDBaseT                                       | RS232C (In), RJ45, HDBaseT                                       |
|                   | External Sensor         |                                      | N/A  | N/A  | N/A  | N/A  |
|                   | Tuner                   |                                      | N/A  | N/A  | N/A  | N/A  |
|                   | Power                   | Type                                 |  | Internal   | Internal   | Internal   |
| Power Supply      |                         | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz                             | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz                             | AC 100 - 240 V (+/- 10 %), 50/60 Hz                              |  |
| Power Consumption |                         | Max[W/h]                             | 468  | 554  | 1,400  | 1,600  |
|                   |                         | Typical[W/h]                         | W/W(EU) 193<br>US/KOR/Etc. 440<br>※ Etc: CHINA, TAIWAN, BRA, CIS | W/W(EU) 267<br>US/KOR/Etc. 510<br>※ Etc: CHINA, TAIWAN, BRA, CIS | W/W(EU) 520<br>US/KOR/Etc. TBD<br>※ Etc: CHINA, TAIWAN, BRA, CIS | W/W(EU) 680<br>US/KOR/Etc. TBD<br>※ Etc: CHINA, TAIWAN, BRA, CIS |
|                   |                         | BTU(Max)                             | 1595.88  | 1889.14  | 4774   | 5,456  |
|                   |                         | Sleep mode                           | Less than 0.5W   | Less than 0.5W   | less than 0.5W   | less than 0.5W   |
|                   |                         | Off mode                             | Less than 0.5W   | Less than 0.5W   | less than 0.5W   | less than 0.5W   |

## SPECIFICATIONS

OHF (46", 55", 75", 85")

| MODEL            |                       |                                | OH46F   | OH55F   | OH75F   | OH85F   |  |
|------------------|-----------------------|--------------------------------|---|---|---|---|--|
| Mechanical Spec  | Dimension (mm)        | Set                            | 1069.0 x 623.6 x 85.0 mm  | 1260.6 x 731.4 x 85.0 mm  | 1774.8 x 1053.4 x 120 mm  | 2004 x 1185 x 120   |  |
|                  |                       | Package                        | 1156 x 713 x 200 mm   | 1358 x 845 x 230 mm   | 1946 x 1252 x 495 mm  | 2175 x 1383 x 495   |  |
|                  | Weight (kg)           | Set                            | 40.5 kg   | 52.6kg  | 142 kg  | 163kg   |  |
|                  |                       | Package                        | 44.3 kg   | 58.1kg  | 188 kg  | 211kg   |  |
|                  | Mounting Hole         |                                | 995 x 500 (Basic)<br>1000 x 400 (VESA Bracket Option)   | 1186 x 560 (Basic)<br>1200 x 400 (VESA Bracket Option)  | 870 x 1118.4 (M8 x 8Hole)   | 1000 x 1118.4 (M8 x 8Hole)  |  |
|                  | Protection Glass      |                                | Yes (5T Tempered Glass)   | Yes (5T Tempered Glass)   | Yes (5T Tempered Glass)   | Yes (5T Tempered Glass)   |  |
|                  | Stand Type            |                                | N/A   | N/A   | N/A   | N/A   |  |
|                  | Bezel Width (mm)      | 24.9 / 24.9 / 24.9 / 24.9 mm   | 24.9 / 24.9 / 24.9 / 24.9 mm  | 59.8 / 59.8 / 59.8 / 59.8 mm  | 62 / 62 / 62 / 62 mm  |   |  |
| Operation        | Operating Temperature |                                | -30°C~ 50°C   | -30°C~ 50°C   | -30°C~ 50°C   | -30°C~ 50°C   |  |
|                  | Humidity              |                                | 10~80%  | 10~80%  | 10~80%  | 10~80%  |  |
|                  | IP Certificate        |                                | IP56  | IP56  | IP56  | IP56  |  |
| Feature          | Key                   |                                | Power-box Integrated, IP56 Certified, Built-in MagicInfo Player S4, SSSP 4.0  | Power-box Integrated, IP56 Certified, Built-in MagicInfo Player S4, SSSP 4.0  | Heat Exchanger, IP56 Certified, Built-in MagicInfo Player S4, SSSP 4.0  | Slim High Brightness, IP56 Certified, Heat Exchanger  |  |
|                  | Special               |                                | IP56 Certified for Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), Kensington Lock | IP56 Certified for Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), Kensington Lock | IP56 Certified for Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), Kensington Lock | IP56 Certified for Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, FHD 4-PBP, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping) |  |
|                  |                       | Internal Player (Embedded H/W) | Processor   | Cortex-A12 1.3GHz Quad Core CPU   | Cortex-A12 1.3GHz Quad Core CPU   | Cortex-A12 1.3GHz Quad Core CPU   |  |
|                  |                       |                                | On-Chip Cache Memory  | L1 (I/D) : 32KB / 32KB<br>L2 (Unified) : 1MB  | L1 (I/D) : 32KB / 32KB<br>L2 (Unified) : 1MB  | L1 (I/D) : 32KB / 32KB<br>L2 (Unified) : 1MB  |  |
|                  |                       |                                | Clock Speed   | 1.3GHz CPU Quad   | 1.3GHz CPU Quad   | 1.3GHz CPU Quad   |  |
|                  |                       | Main Memory Interface          | 2.5GB<br>3 channel 96bit DDR3-933 (1866MHz)   | 2.5GB<br>3 channel 96bit DDR3-933 (1866MHz)   | 2.5GB<br>3 channel 96bit DDR3-933 (1866MHz)   |   |  |
|                  |                       | Graphics                       | 2D & 3D Graphics Engine<br>- Up to 3840x2160p.<br>32bpp<br>- Supports OpenGL ES   | 2D & 3D Graphics Engine<br>- Up to 3840x2160p.<br>32bpp<br>- Supports OpenGL ES   | 2D & 3D Graphics Engine<br>- Up to 3840x2160p.<br>32bpp<br>- Supports OpenGL ES   |   |  |
|                  |                       | Storage (FDM)                  | 8GB<br>(3.75GB Occupied by O/S, 4.25GB Available, )   | 8GB<br>(3.75GB Occupied by O/S, 4.25GB Available, )   | 8GB<br>(3.75GB Occupied by O/S, 4.25GB Available, )   | N/A   |  |
|                  |                       | Multimedia                     | Video Decoder<br>- MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC<br>- VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9<br>Audio DSP (Decoder)<br>- AC3 (DD), MPEG, DTS and etc.  | Video Decoder<br>- MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC<br>- VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9<br>Audio DSP (Decoder)<br>- AC3 (DD), MPEG, DTS and etc.  | Video Decoder<br>- MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC<br>- VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9<br>Audio DSP (Decoder)<br>- AC3 (DD), MPEG, DTS and etc.  |   |  |
|                  |                       | IO Ports                       | USB 2.0   | USB 2.0   | USB 2.0   |   |  |
| Operating System | Tizen 2.4 (VDLinux)   | Tizen 2.4 (VDLinux)            | Tizen 2.4 (VDLinux)   |   |   |   |  |

## SPECIFICATIONS

OHF (46", 55", 75", 85")

| MODEL         |             | OH46F  | OH55F  | OH75F  | OH85F  |
|---------------|-------------|--|--|--|--|
| Certification | Safety      | CB (Europe) : IEC60950-1/ EN60950-1<br>CCC (China) : GB4943.1-2011<br>PSB (Singapore) : PS-B+IEC60950-1<br>NOM (Mexico) : NOM-001-SCFI-1993<br>IRAM (Argentina) : IRAM+IEC60950-1<br>SASO (Saudi Arabia) : SASO+IEC60950-1<br>BIS(India) : IEC60950-1 / IS13252<br>NOM(Mexico) : NOM-019-SCFI-1998<br>KC(Korea) : K 60950-1<br>EAC(Russia) : EAC+IEC60950-1<br>INMETRO(Brazil) : INMETRO+IEC60950-1<br>BSMI(Taiwan) : BSMI+IEC60950-1<br>RCM(Australia) : IEC60950-1/AS/NZS 60950-1<br>UL(USA) : cUL60950-1<br>CSA (Canada) : cUL<br>TUV (Germany) : CE<br>NEMKO (Norway) : CE | CB (Europe) : IEC60950-1/ EN60950-1<br>CCC (China) : GB4943.1-2011<br>PSB (Singapore) : PS-B+IEC60950-1<br>NOM (Mexico) : NOM-001-SCFI-1993<br>IRAM (Argentina) : IRAM+IEC60950-1<br>SASO (Saudi Arabia) : SASO+IEC60950-1<br>BIS(India) : IEC60950-1 / IS13252<br>NOM(Mexico) : NOM-019-SCFI-1998<br>KC(Korea) : K 60950-1<br>EAC(Russia) : EAC+IEC60950-1<br>INMETRO(Brazil) : INMETRO+IEC60950-1<br>BSMI(Taiwan) : BSMI+IEC60950-1<br>RCM(Australia) : IEC60950-1/AS/NZS 60950-1<br>UL(USA) : cUL60950-1<br>CSA (Canada) : cUL<br>TUV (Germany) : CE<br>NEMKO (Norway) : CE | CB (Europe) : IEC60950-1/ EN60950-1<br>CCC (China) : GB4943.1-2011<br>PSB (Singapore) : PS-B+IEC60950-1<br>NOM (Mexico) : NOM-001-SCFI-1993<br>IRAM (Argentina) : IRAM+IEC60950-1<br>SASO (Saudi Arabia) : SASO+IEC60950-1<br>BIS(India) : IEC60950-1 / IS13252<br>NOM(Mexico) : NOM-019-SCFI-1998<br>KC(Korea) : K 60950-1<br>EAC(Russia) : EAC+IEC60950-1<br>INMETRO(Brazil) : INMETRO+IEC60950-1<br>BSMI(Taiwan) : BSMI+IEC60950-1<br>RCM(Australia) : IEC60950-1/AS/NZS 60950-1<br>UL(USA) : cUL60950-1<br>CSA (Canada) : cUL<br>TUV (Germany) : CE<br>NEMKO (Norway) : CE | CB (Europe) : IEC60950-1/ EN60950-1<br>CCC (China) : GB4943.1-2011<br>PSB (Singapore) : PS-B+IEC60950-1<br>NOM (Mexico) : NOM-001-SCFI-1993<br>IRAM (Argentina) : IRAM+IEC60950-1<br>SASO (Saudi Arabia) : SASO+IEC60950-1<br>BIS(India) : IEC60950-1 / IS13252<br>NOM(Mexico) : NOM-019-SCFI-1998<br>KC(Korea) : K 60950-1<br>EAC(Russia) : EAC+IEC60950-1<br>INMETRO(Brazil) : INMETRO+IEC60950-1<br>BSMI(Taiwan) : BSMI+IEC60950-1<br>RCM(Australia) : IEC60950-1/AS/NZS 60950-1<br>UL(USA) : cUL60950-1<br>CSA (Canada) : cUL<br>TUV (Germany) : CE<br>NEMKO (Norway) : CE |
|               | EMC         | FCC (USA) Part 15, Sub-part B Class A<br><br>CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003<br><br>VCCI (Japan) : VCCI V-3 /2010.04 Class A<br><br>KCC/EK (Korea) : KN22 / 24<br><br>BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital)<br><br>C-Tick (Australia) : AS/ NZS CISPR22:2009<br><br>CCC(China) :GB9254-2008 GB17625.1-2012<br><br>GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003  | FCC (USA) Part 15, Sub-part B Class A<br><br>CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003<br><br>VCCI (Japan) : VCCI V-3 /2010.04 Class A<br><br>KCC/EK (Korea) : KN22 / 24<br><br>BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital)<br><br>C-Tick (Australia) : AS/ NZS CISPR22:2009<br><br>CCC(China) :GB9254-2008 GB17625.1-2012<br><br>GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003  | FCC (USA) Part 15, Sub-part B Class A<br><br>CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003<br><br>VCCI (Japan) : VCCI V-3 /2010.04 Class A<br><br>KCC/EK (Korea) : KN22 / 24<br><br>BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital)<br><br>C-Tick (Australia) : AS/ NZS CISPR22:2009<br><br>CCC(China) :GB9254-2008 GB17625.1-2012<br><br>GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003  | FCC (USA) Part 15, Sub-part B Class A<br><br>CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003<br><br>VCCI (Japan) : VCCI V-3 /2010.04 Class A<br><br>KCC/EK (Korea) : KN22 / 24<br><br>BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital)<br><br>C-Tick (Australia) : AS/ NZS CISPR22:2009<br><br>CCC(China) :GB9254-2008 GB17625.1-2012<br><br>GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003  |
|               | Environment | N/A  | N/A  | N/A  | N/A  |
| Accessories   | Included    | Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries   | Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries   | Quick Setup Guide, Regulatory Guide, Warranty Card, Remote Controller, Batteries   | Quick Setup Guide, Regulatory Guide, Warranty Card, Remote Controller, Batteries   |
|               | Optional    | Media Player   | N/A  | N/A  | N/A  |

### ABOUT SAMSUNG ELECTRONICS CO., LTD.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit Samsung Newsroom at <http://news.samsung.com>

### SMART SIGNAGE

For more information about Samsung SMART Signage Outdoor Displays, visit [www.samsung.com/business](http://www.samsung.com/business) or [www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)

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Samsung Electronics Co., Ltd.  
416, Maetan 3-dong, Yeongtong-gu  
Suwon-si, Gyeonggi-do 443-772, Korea

2017-11



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## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660