



## Full Outdoor Green Signage BAA Series

Geephon manufactures displays for challenging outdoor environments, delivering exceptional performance with Mini LED backlighting for luminance ratings up to 6500 cd/m<sup>2</sup>. Our digital signage achieve incredibly bright imagery, even in intense sunlight and feature IP66 protection for increased durability.

BAA5522A-BB-25



### • Optimal Visual Clarity

- High-performance image processor
- Exceptional color expression with ultra-high resolution
- Offers adjustable picture quality and white balance



### Green Technology

- Features ultra-low power consumption.
- Achieves energy savings of up to 45%.



### • Outdoor Optimized High-Bright Display

- Achieves 2500 cd/m<sup>2</sup> for exceptional brightness
- Ensures excellent visibility in direct sunlight
- Smart light sensor for optimal brightness adjustment in all conditions
- Polarized sunglasses compatible



### • Local Dimming Innovation

- Implements LDM with 500+ individually controlled zones
- Achieves an ultra-high contrast ratio up to 250,000:1



### • Enhanced Component Design

- Lightweight design for easy handling
- High-strength aluminum alloy for durability
- Modular components facilitate maintenance and replacement



### • CMS / Remote Management Support(optional)

- Cloud-based remote management (CetusMSC) and CMS platform (GalaxyASC) support
- Real-time monitoring of display status, including remote management and content distribution
- Remote control via PC and smart phone



### • Industry Top quality Heat Exchange Innovation

- Tailored for outdoor environments, featuring Geephon's proprietary heat sync patents
- Superior heat dissipation performance with no maintenance
- Significantly extends LCD product lifespan



### • Quiet Cooling System

- Incorporates a high-flux low-noise fan and intelligent algorithms to manage cooling
- Utilizes sensor data to optimize heat dissipation while minimizing noise levels
- Specially engineered for noise-reduced operation



### • Energy Metering and Protection Module

- Support the measuring of active energy
- Remote power on-off function
- Surge/lightning protection
- Carbon credits calculation function (optional)



### • Built-in Multiple Sensors

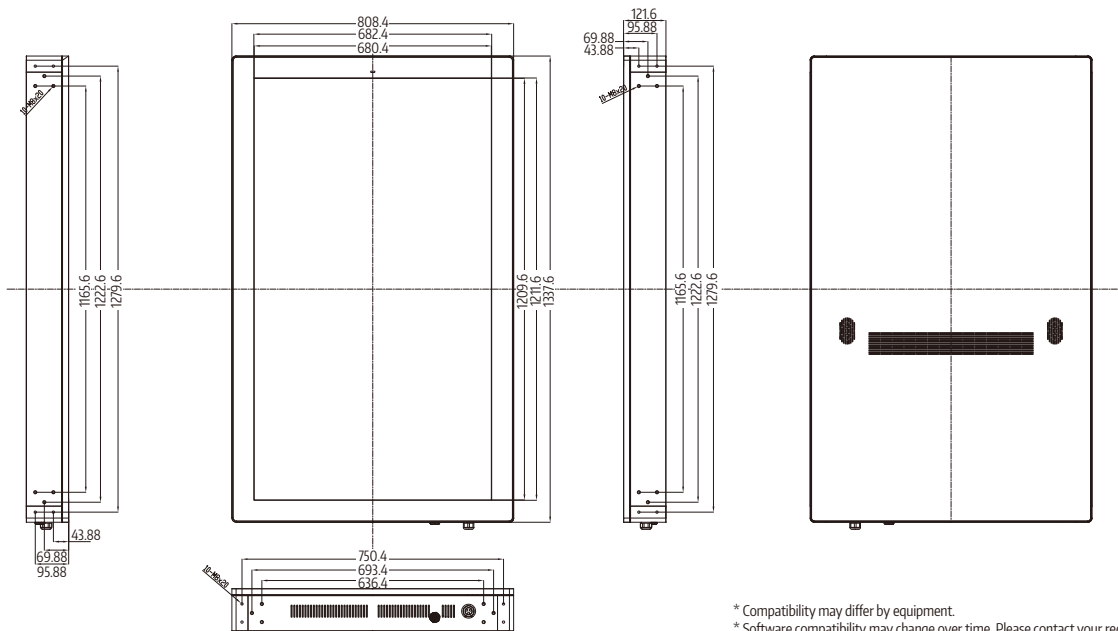
- Temperature sensor
- Humidity sensor
- Door opening sensor
- Shock sensor
- Ambient light sensor
- Pixel sensor (optional)

Specifications

Hardware Specifications

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Panel                     | IPS                                                                                         |
| Display Size              | 55 inch                                                                                     |
| Protection Glass          | IK10, AR High Permeability Glass                                                            |
| Protection Level          | IP 66                                                                                       |
| Front Color               | Black                                                                                       |
| Shell                     | Aluminum                                                                                    |
| Set Dimension (L*W*D)     | 1337.6 x 808.4 x 121.6mm                                                                    |
| Bezel Width Width         | 63mm (L/R /H/V)                                                                             |
| Active Display Area (H*V) | 1209.6 x 680.4mm                                                                            |
| Resolution                | 1080 x 1920                                                                                 |
| Type                      | MiniLED BLU                                                                                 |
| Brightness                | 3000 nits(Typ.), 2500 nits(Min.)                                                            |
| Contrast Ratio(Typ.)      | 250000:1                                                                                    |
| Viewing Angle(H/V)        | 178°(H) x 178°(V)(CR≥10)                                                                    |
| Display Colors            | 16.7M                                                                                       |
| Color Gamut               | 72%                                                                                         |
| Response Time             | 6ms (Typ)                                                                                   |
| Operation Hour            | 24/7                                                                                        |
| Panel Orientation         | Portrait                                                                                    |
| Smart Solution            | PTC.DT1AHE-LAB                                                                              |
| Connectivity              | USB2.0*2, HDMI In*2, HDMI Out*1, Ethernet(RJ45)*2, RS232(RJ45)*1, Line Out*1                |
| Power                     | Input Supply: 100-240V AC, 50/60Hz                                                          |
| Power Consumption         | Max power: 255W<br>Average power: (under IEC): 185W<br>Max power with heating module: 1000W |
| Speaker                   | 5W/8Ω *2                                                                                    |
| IR                        | Yes                                                                                         |
| Touch                     | Optional                                                                                    |
| Camera                    | Optional                                                                                    |
| Installation Methods      | Floor Standing / Kiosk / Wall Mounting<br>/ Hanging / Single, Double                        |
| Package(W*H*D)            | 1488 x 960 x 262mm                                                                          |
| Net Weight                | 84.4kg                                                                                      |
| Operating Temperature     | -40°C ~ +50°C                                                                               |
| Storage                   | -20°C ~ +60°C                                                                               |

Dimensions



Unit: mm

System Specifications

|                     |                                              |
|---------------------|----------------------------------------------|
| CPU                 | ARM Quad Core Cortex-A53 1.5G                |
| GPU                 | Arm Mali-G52 2EE MC1                         |
| Operating System    | Android 9                                    |
| Screen Health       | Smart Backlight Control - Yes                |
| Remote Management   | Smart Temperature Control - Yes              |
|                     | Smart Fans Control - Yes                     |
|                     | Smart Monitoring System Cloud - Yes/CetusMSC |
|                     | Overheating Protection - Yes                 |
| Cloud Advertising   | Optional                                     |
| Distribution System | Optional                                     |
| Cloud Splice System | Optional                                     |
| Memory              | DDR 2G                                       |
| Storage             | EMMC 16GB                                    |
| Ethernet            | Ethernet (RJ45)                              |
|                     | WiFi 802.11b/g/n                             |
|                     | 4G LTE(FDD/TDD) (Optional)                   |
| Video Decoder       | MPEG-1/2/4,H.264,HEVC,VP8,VP9,AVS+,AVS2,AV1  |
| Audio Decoder       | MPEG-1,MPEG-2(layerI/II) MP3,AAC-LC,HE-AAC   |
| Picture Decoding    | JPG, JPEG, PNG, BMP                          |

What's in the box

|                   |     |
|-------------------|-----|
| Remote Controller | x 1 |
| RS232 Adaptor     | x 1 |
| Door Key          | x 1 |

Warranty

|          |                            |
|----------|----------------------------|
| Warranty | Three years or by contract |
|----------|----------------------------|

\* Compatibility may differ by equipment.  
\* Software compatibility may change over time. Please contact your regional sales representative for details.  
\* Specifications are subject to change without notice, please contact sales to verify.