



Full Outdoor Green Signage BAA Series

Geephon excels in outdoor environments, delivering exceptional performance with Mini LED backlighting for luminance ratings up to 6500 cd/m². Our displays achieve incredibly bright imagery even in intense sunlight, and feature IP66 protection for added durability.

BAA7522A-AA-45



• Optimal Visual Clarity

- High-performance image processor
- Delivers true color expression and 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 4500 cd/m² for exceptional brightness
- Ensures excellent visibility in direct sunlight
- Smart light sensor for optimal brightness adjustment
- Polarized sunglasses compatible



• Local Dimming Innovation

- Implements LDM with an extensive number of zones
- Achieves an ultra-high contrast ratio up to 450,000:1



• 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, parameters adjustment, and content distribution
- Remote control via PC and smart phone



• Industry Top quality Heat Exchange Innovation

- Tailored for outdoor scenarios, featuring Geephon's proprietary patent
- Facilitates device heat dissipation while requiring no maintenance
- Significantly extends product lifespan



• Quiet Cooling System

- Incorporates a high-flux low-noise fan and intelligent algorithms.
- Utilizes sensor data to optimize heat dissipation while minimizing noise levels
- Specially engineered for noise-free 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)

Specification

Hardware Specification

| | |
|---------------------------|--|
| Panel | IPS |
| Display Size | 75 inch |
| Protection Glass | AR High Permeability Glass |
| Protection Level | IP 66 |
| Front Color | Black |
| Shell | Aluminum |
| Set Dimension (L*W*D) | 1777.66 x 1055.94 x 121.6mm |
| Bezel Width Width | 63mm (L/R /H/V) |
| Active Display Area (H*V) | 1649.66 x 927.94mm |
| Resolution | 2160 x 3840 |
| Type | MiniLED BLU |
| Brightness | 5000 nits(Typ.), 4500 nits(Min.) |
| Contrast Ratio(Typ.) | 450000:1 |
| Viewing Angle(H/V) | 178°(H) x 178°(V)(CR≥10) |
| Display Colors | 1.07G |
| Color Gamut | 72% |
| Response Time | 8ms (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 Max power: 1190W |
| Power Consumption | Average power: (under IEC): 560W Max power with heating module: 2000W |
| Speaker | 5W/8Ω *2 |
| IR | Yes |
| Touch | Optional |
| Camera | Optional |
| Installation Methods | Floor Standing / Wall Mounting / Hanging |
| Package(W*H*D) | 1930 x 1308 x 262mm |
| Net Weight | 142.2kg |
| Operating Temperature | -40°C ~ +50°C |
| Storage | -20°C ~ +60°C |

System Specification

| | |
|--|--|
| CPU | ARM Quad Core Cortex-A53 1.5G |
| GPU | Arm Mali-G52 2EE MC1 |
| Operating System | Android 9 |
| Screen Health Remote Management | Smart Backlight Control - Yes |
| | Smart Temperature Control - Yes |
| | Smart Fans Control - Yes |
| | Smart Monitoring System Cloud - Yes/CetusMSC |
| Cloud Advertising Distribution System | Overheating Protection - Yes |
| | Optional |
| Cloud Splice System | Optional |
| Memory | DDR 2G |
| Storage | EMMC 16GB |
| Ethernet | Ethemnet (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

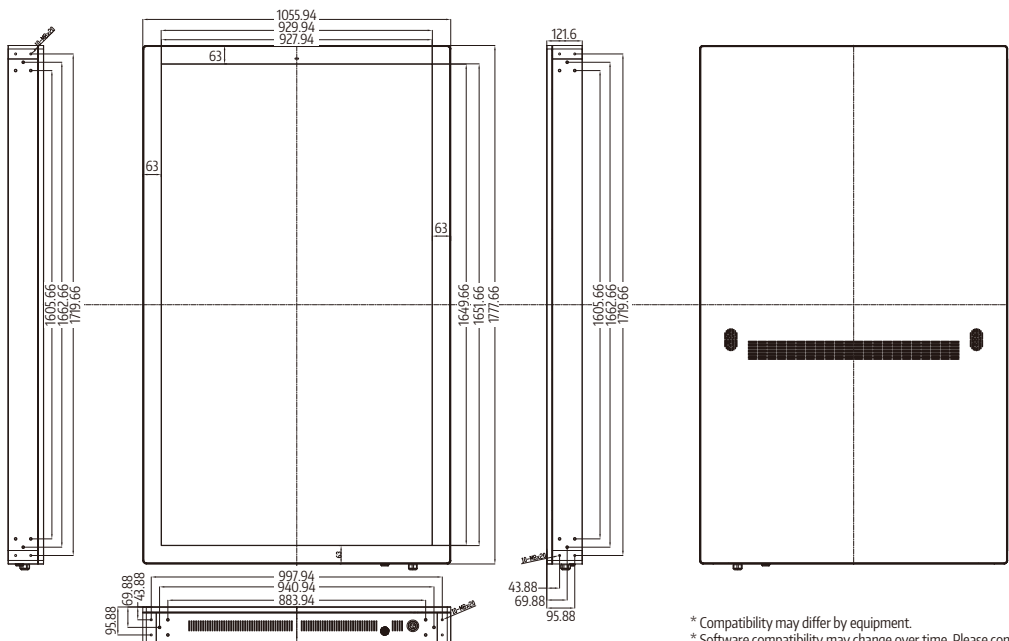
| | |
|-------------------|-----|
| Remote Controller | x 1 |
| RS232 Adaptor | x 1 |
| Door Key | x 1 |

Warranty

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

Dimensions

Unit: mm



* 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, so please contact sales team to verify before ordering