

# GEEPHON



## 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/m<sup>2</sup>. Our displays achieve incredibly bright imagery even in intense sunlight, and feature IP66 protection for added durability.

BAA5522A-BB-55



### • 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 5500 cd/m<sup>2</sup> 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 550,000:1



### • 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

<b>Panel</b>	IPS
<b>Display Size</b>	55 inch
<b>Protection Glass</b>	AR High Permeability Glass
<b>Protection Level</b>	IP 66
<b>Front Color</b>	Black
<b>Shell</b>	Aluminum
<b>Set Dimension (L*W*D)</b>	1337.6 x 808.4 x 121.6mm
<b>Bezel Width Width</b>	63mm (L/R /H/V)
<b>Active Display Area (H*V)</b>	1209.6 x 680.4mm
<b>Resolution</b>	1080 x 1920
<b>Type</b>	MiniLED BLU
<b>Brightness</b>	6000 nits(Typ.), 5500 nits(Min.)
<b>Contrast Ratio(Typ.)</b>	550000:1
<b>Viewing Angle(H/V)</b>	178°(H) x 178°(V)(CR≥10)
<b>Display Colors</b>	16.7M
<b>Color Gamut</b>	72%
<b>Response Time</b>	6ms (Typ)
<b>Operation Hour</b>	24/7
<b>Panel Orientation</b>	Portrait
<b>Smart Solution</b>	PTC.DT1AHE-LAB
<b>Connectivity</b>	USB2.0*2, HDMI In*2, HDMI Out*1, Ethernet(RJ45)*2, RS232(RJ45)*1, Line Out*1
<b>Power</b>	Input Supply: 100-240V AC, 50/60Hz Max power: 540W
<b>Power Consumption</b>	Average power: (under IEC): 241W Max power with heating module: 1000W
<b>Speaker</b>	5W/8Ω *2
<b>IR</b>	Yes
<b>Touch</b>	Optional
<b>Camera</b>	Optional
<b>Installation Methods</b>	Floor Standing / Wall Mounting / Hanging
<b>Package(W*H*D)</b>	1488 x 960 x 262mm
<b>Net Weight</b>	84.4kg
<b>Operating Temperature</b>	-40°C ~ +50°C
<b>Storage</b>	-20°C ~ +60°C

### System Specification

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

### What's in the box

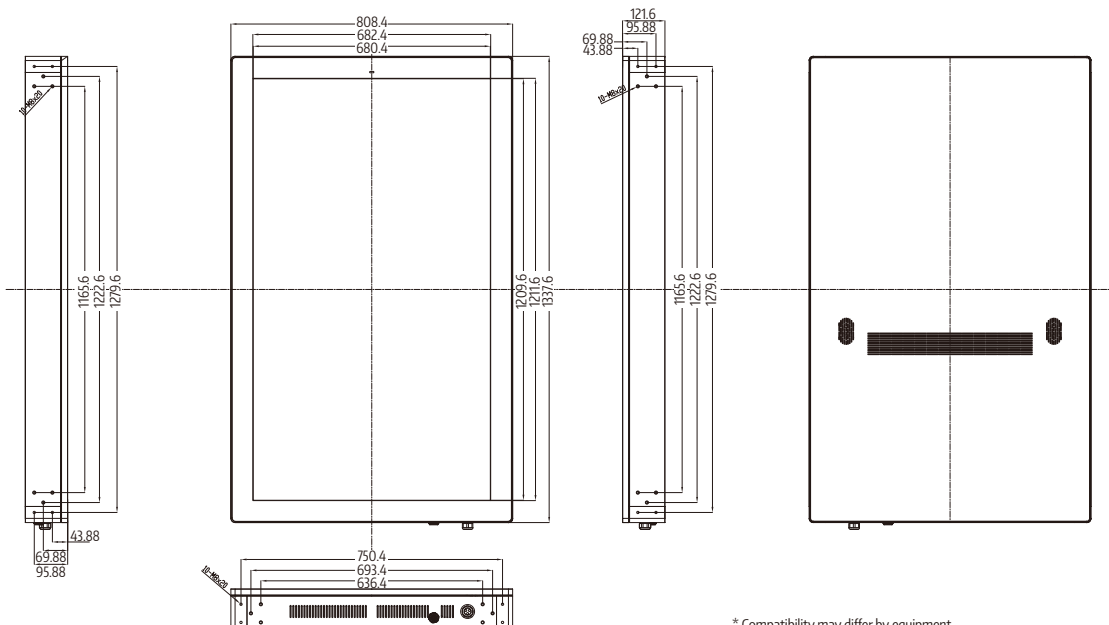
<b>Remote Controller</b>	x 1
<b>RS232 Adaptor</b>	x 1
<b>Door Key</b>	x 1

### Warranty

<b>Warranty</b>	Three years or by contract
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### 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