



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.

BAA5522A-BB-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

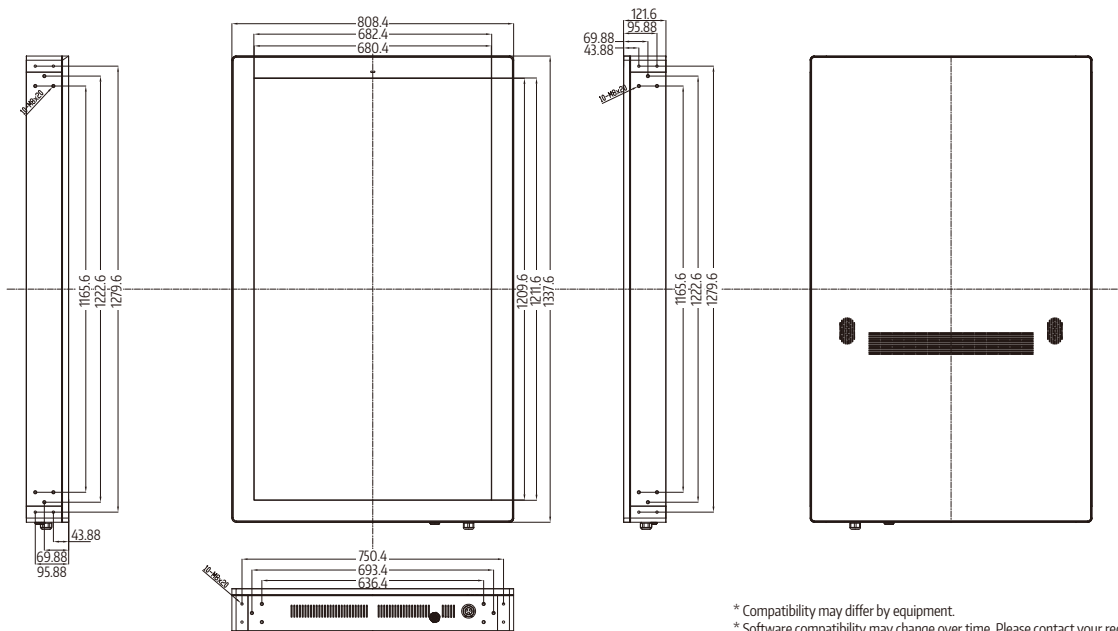
- Temperature sensor
- Humidity sensor
- Door opening sensor
- Shock sensor
- Ambient light sensor
- Pixel sensor (optional)

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	5000 nits(Typ.), 4500 nits(Min.)
Contrast Ratio(Typ.)	450000:1
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 Max power: 465W
Power Consumption	Average power: (under IEC): 305W Max power with heating module: 1000W
Speaker	5W/8Ω *2
IR	Yes
Touch	Optional
Camera	Optional
Installation Methods	Floor Standing / Kiosk / Wall Mounting / 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
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* 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.