GEEPHON

Outdoor Enclosure
Green Signage
Specification

BAA5522A-BB-45

Professional Low-CO₂ Eco-Bright Display Leading Provider

Outdoor Enclosure
Green Signage

- 2K / 4K – Local Dimming Mini-LED
- Up to 6500 cd/m²
- IPS panel and anti reflective glass, IK10
- IP66
- Heat exchange technology
- Smart brightness control sensor
- Enhanced brightness and high color saturation in direct sunlight
- Up to 45% power saving
- Ultra thin with 120mm depth (Single sided)

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Flexible and Multiple Ways to Integrate

Variety of installation methods:
Floor standing installation & ceiling installation.
Extended mode that supports splicing of multiple screens.

· 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)

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Hardware Specification

Panel	IPS
Display Size	55 inch
Protection Glass	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
Power Consumption	Max power: 505W
	Average power (under IEC): 222W
	Max power with heating module: 1000W
Speaker	5W/8Ω *2 (Optional)
IR	Yes
Touch	Optional
Camera	Optional
Installation Methods	Floor Standing / Wall Mounting / Hanging
Package(W*H*D)	1488 x 960 x 262mm
Net Weight	89kg
Operating Temperature	-40℃ ~ +50℃
Storage	-20℃ ~ +60℃

System Specification

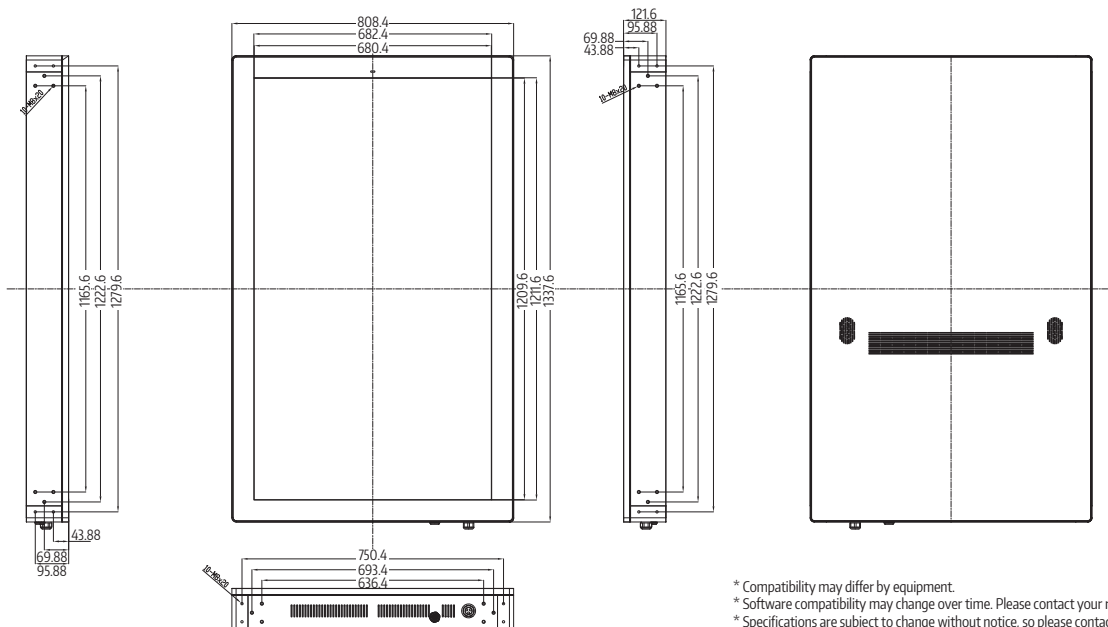|	
CPU	ARM Quad Core Cortex-A53 1.5G
GPU	Arm Mali-G52 2EE MC1
Operating System	Android 9
Screen Health Remote Management	Smart Backlight Control - Yes
	Smart Temperature Control - Yes
	Smart Fans Control - Yes
	Smart Monitoring System Cloud - Yes/CetusMSC
	Overheating Protection - Yes
Cloud Advertising Distribution System	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