



## Outdoor Drive-Thru Display QAA Series

Geephon's Outdoor Drive-Thru Display is designed for quick-service restaurants, offering excellent visibility and durability. With bright Mini LED backlighting up to 6500 cd/m<sup>2</sup>, it displays clear content even in bright sunlight. Its IP66 rating provides protection, and it effectively manages heat, making it ideal for drive-thru lanes.

QAA5522A-BB-45



### • Optimal Visual Clarity

- High-performance image processor
- Delivers true color expression and high resolution
- Offers adjustable picture quality and white balance
- Consistent brightness across multiple screens, eliminating display variations.



### • 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
- 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



### • 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



### • 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



### • Support HDBaseT



### • Customizable Pedestal Options

- available in 1x1, 1x2, or 1x3 configurations for maximum flexibility and seamless integration.

Specification

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
IR	Yes
Touch	Optional
Camera	Optional
Installation Methods	Floor Standing / Wall Mounting / Hanging
Package(W*H*D)	1488 x 960 x 262mm
Net Weight	84.4kg
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
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

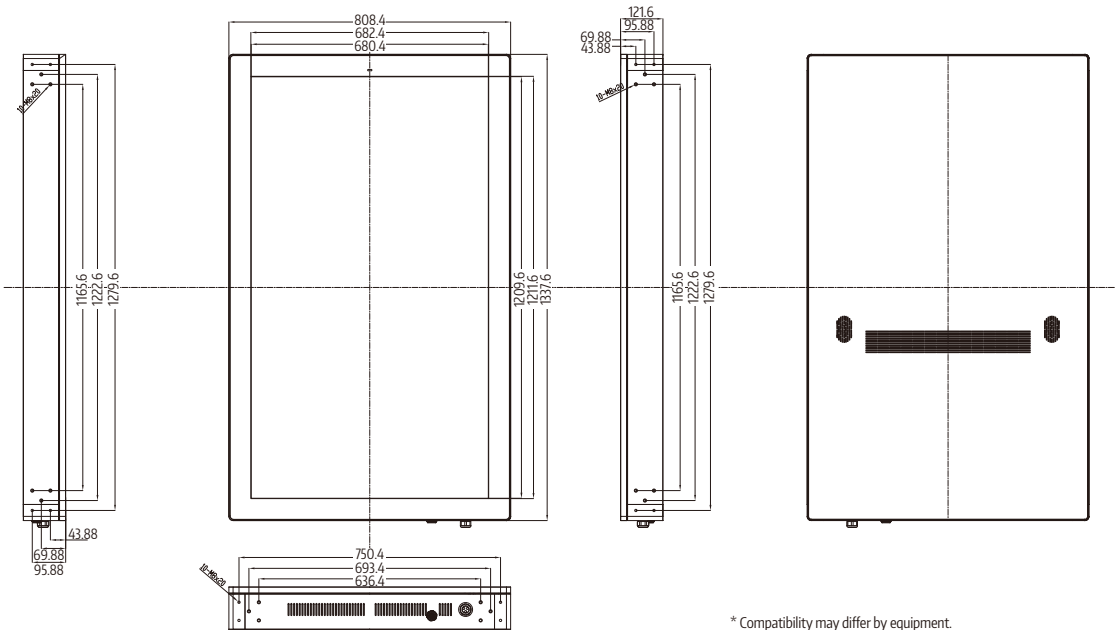
Remote Controller	x 1
RS232 Adaptor	x 1
Door Key	x 1

Warranty

Warranty	Three years or by contract
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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