



## 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-35



### • 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 350,000:1



### • 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                | 4000 nits(Typ.), 3500 nits(Min.)                                             |
| Contrast Ratio(Typ.)      | 350000:1                                                                     |
| 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<br>Max power: 430W                        |
| Power Consumption         | Average power: (under IEC): 182W<br>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

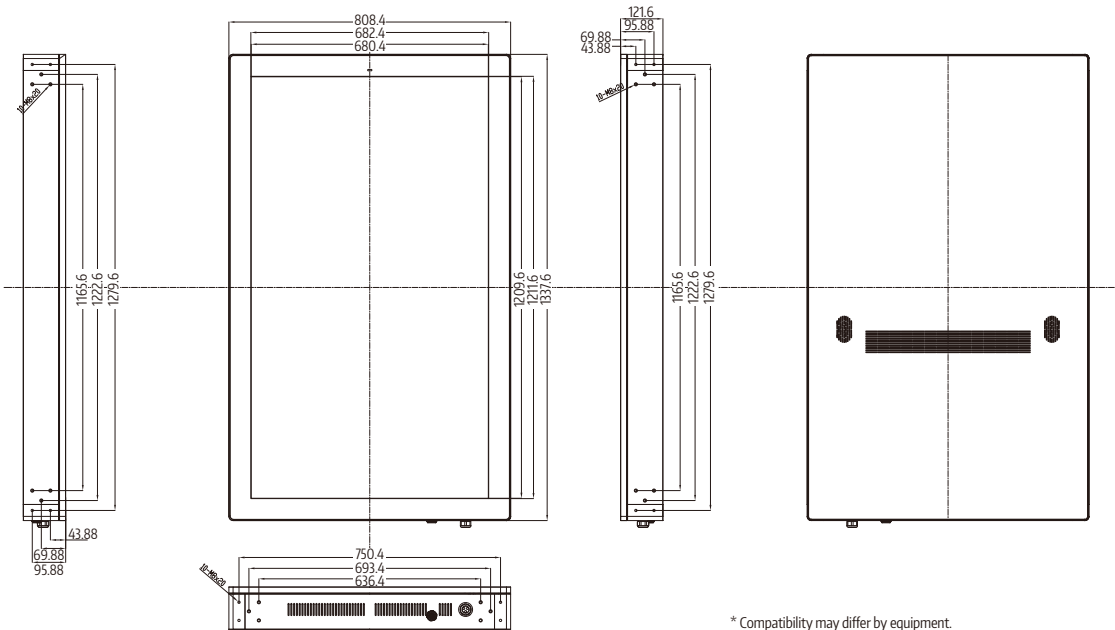
|                   |     |
|-------------------|-----|
| Remote Controller | x 1 |
| RS232 Adaptor     | x 1 |
| Door Key          | x 1 |

Warranty

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

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