

GEEPHON



7/24 Digital Signage 4500nit BAB Series

The Window Facing All-in-one BAB series with ultra high brightness, excellent readability, wonderful color expression, and local dimming technology, smart heat dissipation, multiple audio outputs, and cloud monitoring system, enable shop owners to display their Ads perfectly in semi-outdoor space influenced easily by the temperature and weather.

BAB8622A-AC-45



• Optimal Visual Clarity

- High-performance image processor.
- Delivers true color expression and high resolution.
- Offers adjustable picture quality and white balance.



• Outdoor Optimized High-Bright Display

- Achieves 4500 cd/m² for exceptional brightness.
- Ensures excellent visibility in direct sunlight
- Includes a smart light sensor for optimal brightness adjustment.



• Green Technology

- Features ultra-low power consumption.
- Achieves energy savings of up to 45%.



• Enhanced Component Design

- Lightweight design for easy handling.
- Constructed with high-strength aluminum alloy for durability.
- Modular components facilitate maintenance and replacement.



• Local Dimming Innovation

- Implements LDM with an extensive number of zones.
- Achieves an ultra-high contrast ratio up to 450,000:1.



• Fail Over Support



• 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.



• Open API & SDK Support and RS232 Compatible



• 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.



• Polarized Sunglasses Compatible



• OTA Firmware Update

- Enables remote firmware and application updates.
- Designed for seamless upgrades.



• GPlay Convenient U disk

- Simply insert the U disk for automatic content copying and playback on the device upon booting



• Extended Product Warranty

- Engineered for long-term durability.
- Guarantees reliable 24/7 operation.
- Comprehensive warranty ensures customer satisfaction and confidence.



• IPS Panel



• Landscape/Portrait Compatible

- Portrait and landscape display orientations.

Specification

Hardware Specification

| | |
|---------------------------|---|
| Panel | IPS |
| Display Size | 86 inch |
| Protection Glass | N/A |
| Protection Level | IP 5X (Front Panel) |
| Front Color | Black |
| Shell | Aluminum |
| Set Dimension (L*W*D) | 1919.4 x 1090.4 x 56.85mm |
| Bezel Width Width(mm) | 10mm |
| Active Display Area (H*V) | 1895.04 x 1065.96mm |
| Resolution | 3840 x 2160 |
| Type | MiniLED BLU |
| Brightness(Typ.) | 4500 cd/m ² |
| Contrast Ratio(Typ.) | 450000:1 |
| Viewing Angle(H/V) | 178°(H) x 178°(V)(CR≥10) |
| Display Colors | 1.07 Billion colors |
| Color Gamut | 72% |
| Response Time | 8ms (Typ) |
| Operation Hour | 24/7 |
| Panel Orientation | Landscape/ 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, Sensor*1, IR In*1 |
| Power | Input Supply: 100-240V AC , 50/60Hz |
| Power Consumption | 2500W |
| Speaker | 5W/8Ω *2 |
| IR | External connection |
| Touch | N/A |
| Camera | N/A |
| Installation | Wall mount |
| VESA Mount | 400 x 600mm |
| Package(W*H*D) | 2045 x 1221 x 180mm |
| Weight (kg) | TBD |
| Operating Temperature | 0°C ~ +40°C(Direct Sunlight) 0°C ~ +50°C(w/o Direct Sunlight) |
| Storage | -10°C ~ +60°C |

System Specification

| | |
|----------------------|--|
| CPU | ARM Quad Core Cortex-A53 1.5G |
| GPU | ARM Mali-G52 2EE MC1 |
| Operating System | Android 9 |
| Screen Health | Smart Backlight Control - Yes |
| | Smart Temperature Control - Yes |
| | Smart Fans Control - No |
| | Smart Monitoring System Cloud - Yes/CetusMSC |
| Remote Management | Overheating Protection - Yes |
| Cloud Advertising | Optional |
| Distribution System | |
| Cloud Splice System | Optional |
| Memory | DDR 2G |
| Storage | EMMC 16GB |
| Ethernet | Ethernet (RJ45) |
| | WiFi 802.11b/g/n |
| | 4G LTE(FDD/TDD) (Optional) |
| Panel Image Rotation | 0/90/180/270/360 Angle Rotation |
| Video Decoder | MPEG-1/2/4, H.264, HEVC, VP8, VP9, AVS+, AVS2, AV1 |
| Audio Decoder | MPEG-1, MPEG-2(layer I/II) MP3, AAC-LC, HE-AAC |
| Picture Decoding | JPG, JPEG, PNG, BMP |

What's in the box

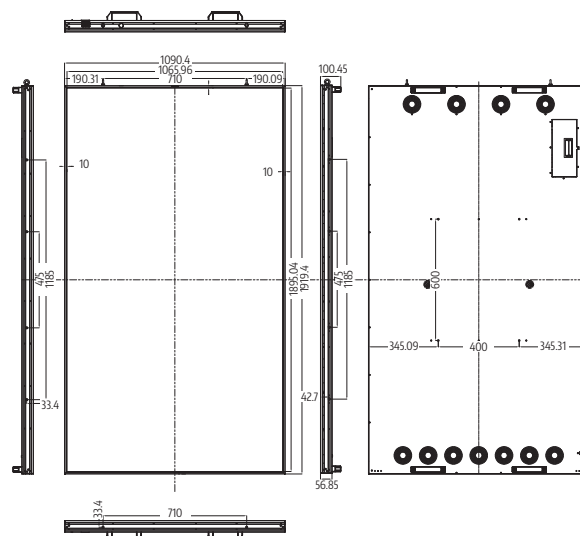
| | |
|-------------------|----------------------------------|
| Power Cable | x 1 Power cord (based on region) |
| Remote Controller | x 1 |
| RS232 Adaptor | x 1 |
| Wifi Antenna | x 1 |
| IR Receiver | x 1 |
| Lifting Ring | x 2 |
| Fillier Pad | x 2 |
| Spring Pad | x 2 |

Warranty

| | |
|----------|---------------------------|
| Warranty | Three year 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