

7/24 Digital Signage 2500nit BAB Eclipse Series

The next-generation BAB series window display is equipped with Eclipse UV Shield technology, effectively protecting the screen from UV-induced screen yellowing and blackening caused by sunlight. With High Luminance Efficiency Technology, it delivers the high brightness levels required for window displays (2500/3500/4500 nits) while significantly reducing energy consumption compared to similar products. This makes it the perfect balance of exceptional performance and energy efficiency.

BAB8625A-AA-25



• Eclipse Shield

- The window-facing series, equipped with Eclipse Shield, protects against UV rays and excessive heat. Its high-luminance efficiency technology reduces energy consumption and operating temperatures without compromising brightness, effectively preventing issues such as screen blackening and yellowing.



• High luminance efficiency

- The window-facing series, featuring high-luminance efficiency technology, achieves superior brightness while reducing energy consumption compared to other products at the same brightness level. It offers a perfect blend of performance and energy efficiency, delivering a viewing experience that is both brighter and greener.



• Green Technology

- Features ultra-low power consumption.
- Achieves energy savings of up to 65%.



• Optimal Visual Clarity

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



• High Reliability

- Wide Operating temperature
-10°C ~ +35°C(Direct Sunlight); -10°C ~ +45°C(w/o Direct Sunlight)
- IP5X Front panel
The equipment has excellent dust-proof performance and can easily cope with the needs of indoor scenes.



• Fanless Design

- Enhanced cooling design: fanless without compromising brightness.
- Work smarter, not louder – enjoy a fanless design for a distraction-free experience.



• Outdoor Optimized High-Bright Display

- Achieves 2500 cd/m² for exceptional brightness.
- Ensures excellent visibility in direct sunlight
- Includes a smart light sensor for optimal brightness adjustment.



• Local Dimming Innovation

- Implements LDM with an extensive number of zones.
- Achieves an ultra-high contrast ratio up to 250,000:1.



• Enhanced Component Design

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



• Polarized Sunglasses Compatible

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.) | 2500 cd/m ² |
| Contrast Ratio(Typ.) | 250000:1 |
| 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 |
| Max Power Consumption | 940W |
| Typical[W/h]: (IEC 62087) | 408W |
| 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 1221x 180mm |
| Weight (kg) | N.W: 51.2 kg G.W: TBD |
| Operating Temperature | -10°C ~ +35°C(Direct Sunlight) -10°C ~ +45°C(w/o Direct Sunlight) |
| Storage | -10°C ~ +60°C |

System Specification

| | |
|----------------------|--|
| CPU | ARM Quad Core Cortex-A73 |
| GPU | Arm Mali-G52 MC1 |
| Operating System | Android 14 |
| Screen Health | Smart Backlight Control - Yes |
| | Smart Temperature Control - Yes |
| | Smart Fans Control - No(Fanless) |
| | Smart Monitoring System Cloud - Yes/CetusMSC |
| Remote Management | Overheating Protection - Yes |
| Cloud Advertising | Optional |
| Distribution System | |
| Cloud Splice System | Optional |
| Memory | DDR4 4GB(DDR4 8GB Optional) |
| Storage | EMMC 32GB |
| Ethernet | Ethernet (RJ45) |
| | WiFi 802.11b/g/n/ac 4G LTE(FDD/TDD) (Optional) |
| Panel Image Rotation | 0/90/180/270 Angle Rotation |
| Video Decoder | MPEG-1/2/4, H.264, HEVC, VP8, VP9, AVS+, AVS2, AV1 |
| Audio Decoder | MPEG-1, MPEG-2(layer II) MP3, AAC-LC, HE-AAC |
| Picture Decoding | JPG, JPEG, PNG, BMP |

What's in the box

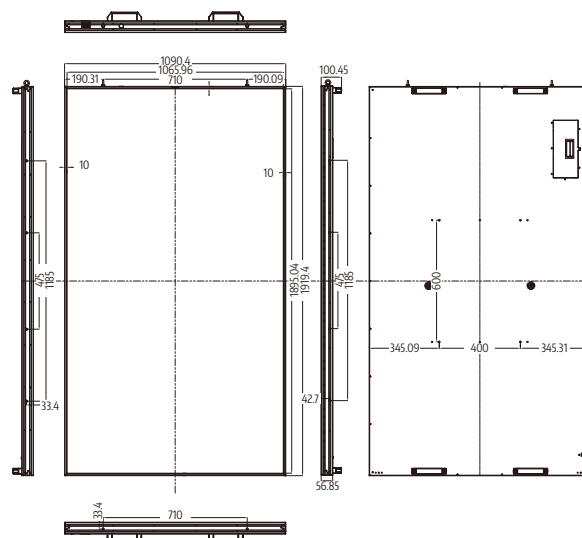
| | |
|-------------------|----------------------------------|
| Power Cable | x 1 Power cord (based on region) |
| Remote Controller | x 1 |
| RS232 Adaptor | x 1 |
| Wifi Antenna | x 1 |
| IR Receiver | x 1 |
| Lifting Ring | x 2 |
| Fillier Pad | x 2 |
| Spring Pad | x 2 |

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