GEEPHON

ECLIPSE

7/24 Digital Signage
3500nit 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-35

· 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℃ ~ +35℃(Direct Sunlight); -10℃ ~ +45℃(w/o Direct Sunlight)
· IP5X Front panel
  The equipment has excellent dust-proof performance and can easilycope with the needs of indoor scenes.

· 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.

· Outdoor Optimized High-Bright Display
· Achieves 3500 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 350,000:1.

· 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.)	3500 cd/m²
Contrast Ratio(Typ.)	350000:1
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 Concumption	1245W
Typical[W/h]: (IEC 62087)	556W
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: 51.7 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

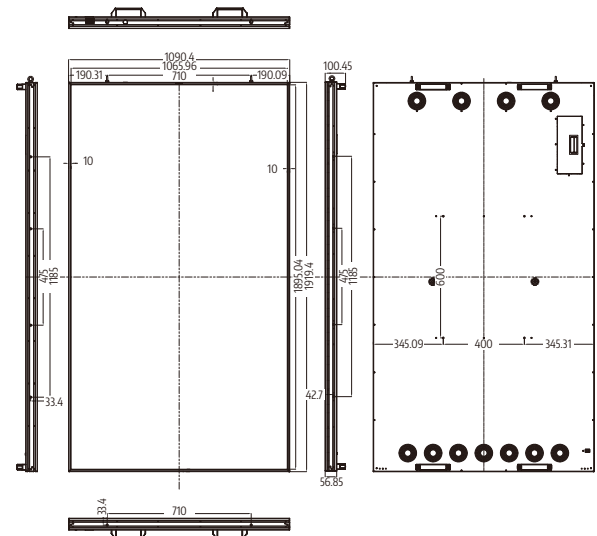|	
CPU	ARM Quad Core Cortex-A73
GPU	Arm Mali-G52 MC1
Operating System	Android 14
Screen Health Remote Management	Smart Backlight Control - Yes
	Smart Temperature Control - Yes
	Smart Fans Control - Yes
	Smart Monitoring System Cloud - Yes/CetusMSC
	Overheating Protection - Yes
Cloud Advertising Distribution System	Optional
Cloud Splice System	Optional
Memory	DDR4 4GB(DDR4 8GB 0ptional)
Storage	EMMC 32GB
Ethernet	Ethemnet (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(layerI/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