AbsenLive
Empowering Your Stage

SA1.5

Innovative COB Rental Display
The Next Generation of SA Platform

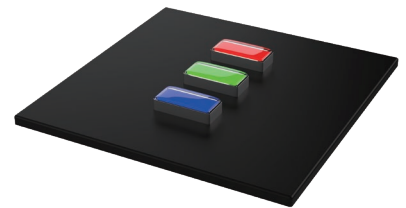**COB Technology** | **Durable Structure** | **High Performance** | **Fast Locking System**

500x500mm (19.69" x 19.69")

PCB

- ▬ Anti-Glare (AG) Film
- ▬ Epoxy Resin
- ▬ Flip Chip
- ▬ PCB

◀ Full Flip-Chip COB Technology Applied, A New Standard in Rental Displays

- 1.5mm Pixel Pitch: Offers crystal-clear, high-definition indoor display
- Flip-Chip Technology: The foundation for superior performance
  - High Brightness & High Contrast: 1200nits and 8000:1 contrast ratio for stunning visuals
  - Enhanced Reliability: 30% lower power consumption and 40% greater stability
- Unrivaled Protection Powered by COB Technology: Anti-collision, water resistance, moisture-proof, dust-proof, corrosion-proof, smoke-proof, and blue light resistant
- Engineered for Rental: A smart coating that enables easy cleaning, resists dust and fingerprints, and remains securely bonded to prevent edge peeling
- Ultra-Low Reflectance: With an SCI-SCE reflectance difference under 0.4, it guarantees excellent black uniformity and reduces glare for optimal on-camera performance
- Premier Application: Perfect for high-end indoor rental stages, including corporate events and car shows

◀ Engineered for Durability and Security

- To achieve exceptional strength, precision, and perfect flatness, the panel features a dual-layer die-cast magnesium cabinet, reinforced by symmetrical triangular structures along its central axis
- Designed for efficiency with a fast locking system and auto-magnetic Cabinets
- Positive Locking Confirmation: A distinct "click" indicates the right-side horizontal lock is securely in place

◀ Built for the Stage: Creative & Efficient

- Provides flexible setup with three angle options (-2.5°, 0°, +2.5°)
- A custom cube solution can be developed based on proven modular technology to meet your specific creative vision
- An optional 5G system solution is provided to meet the requirements of higher-end scenarios
- Supports wall-mounted installation
- Slide the marker on the module's rear to activate the orange indicator, making it easy to spot flagged units for quick maintenance
- Full-Access Maintenance: Experience complete front and rear serviceability, plus tool-free rear access

◀ Compatible with SA Series Accessories

- Backward Compatible: SA1.5 works with the standard SA series accessories, including hanging bars and stacking systems

SA Hanging Bar & Stacking Base (500mm/ 1000mm)   Front & Rear Maintenance

◀ Product Specification

Parameters	SA1.5
Control system	NovaStar
LED type	COB (Flip-Chip)
Pixel pitch (mm)	1.56
Panel dimensions (WxHxD, mm)	500x500x80 (19.69"x19.69"x3.15")
Panel resolution	320x320
Panel weight (kg)	7.2 (15.87lbs)
Panel material	Die Casting Magnesium
Module size (WxH, mm)	250x250 (9.84"x9.84")
Brightness (nit)	1200
Refresh rate (Hz)	7680
Grayscale (bit)	15
Contrast ratio	8000:1
Color temperature (K)	6500
Viewing angle (H/V, °)	160/160
Drive mode	1/32
AC operating voltage(V)	100~240
Power consumption (max./avg., W/m²)	600/200
IP rating	IP40/IP21
Certification	FCC, ETL, CE, UKCA, RoHS

Saturn Series

More Than Light, A Real Hexagonal Warrior

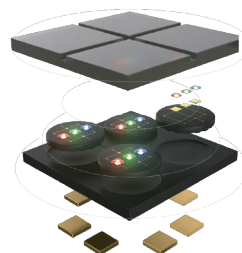| Lightweight Design	Fast Locking System	High Performance	Multiple Applications

◀ SA Series: Light and Fast, A Truly Easy-to-Use Lightweight Product
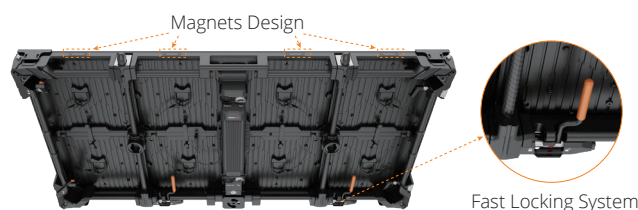

500x500mm (19.69x19.69")

1000x500mm (39.37x19.69")
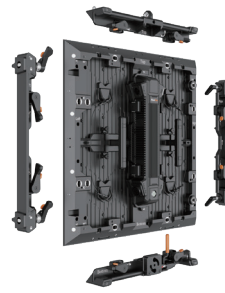
P1.9: Flip-Chip IMD 4-in-1 Tech

Dolly System

Magnets Design

Fast Locking System

- Indoor 1.9, 2.6, 3.9mm pixel pitch
- Only 9.5kg per 1000(W)x500(H)x70(D)mm panel
- Curve block is adjustable at -2.5°, 0° and +2.5°
- Incorporates automatic edge protection
- Equipped with fast locking system with instant feedback mechanism
- Identical power boxes & modules, saving accessories cost
- Optional dolly system is designed for touring needs
- Easily switch control systems between Brompton and NovaStar by replacing the receiver card only

◀ SA-B Cube Solution

- 1.9, 2.6, 3.9mm pixel pitch
- Same modules for SA & SA-B
- Quick-release locking mechanism
- Rapid tool-free 90° interlocking for L-shaped displays
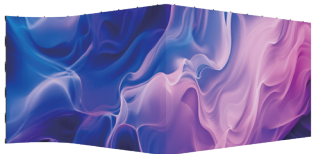- Delivered with curve block (±2.5° adjustable)

SA-B for L-Shaped Displays

◀ SA-C Flexible Solution

- 1.9, 2.6mm pixel pitch
- Adjustable from -30° to +30° in 1.25° increments
- Precision gear transmission mechanism
- Smooth one-hand angle adjustment
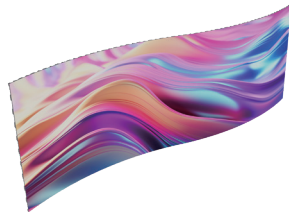- Minimal cylinder: Φ1.91m, 12 panels

Diameter≥1.91m

SA-C for Cylinder Displays

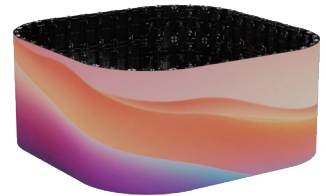## ◀ Shape Without Limits: SA + SA-B + SA-C

SA + SA-B + SA-C for Creative Displays

SA/ SA-B/ SA-C for Flat/ Curved Displays

SA + SA-B for Cube-Shaped Displays

SA + SA-C for 90° Arc Right-Angle Displays

◀ Product Specification

Parameters	SA1.9	SA2.6	SA3.9	SA1.9-B	SA2.6-B	SA3.9-B	SA1.9-C	SA2.6-C
Control system	Brompton/NovaStar		Brompton	Brompton/NovaStar		Brompton	Brompton/NovaStar	
LED type	IMD 4-in-1	Black SMD1515	Black SMD2020	IMD 4-in-1	Black SMD1515	Black SMD2020	IMD 4-in-1	Black SMD1515
Pixel pitch (mm)	1.9	2.6	3.9	1.9	2.6	3.9	1.9	2.6
Panel dimensions (WxHxD, mm)	1000x500x70 (39.37x19.69x2.76")/ 500x500x70 (19.69x19.69x2.76")			500x500x70 (19.69x19.69x2.76")			500x500x107 (19.69x19.69x4.21")	
Panel resolution	512x256/ 256x256	384x192/ 192x192	256x128/ 128x128	256x256	192x192	128x128	256x256	192x192
Panel weight (kg)	9.5 (20.94lbs) / 5.5 (12.13lbs)			7.2 (15.87lbs)			9 (19.84lbs)	
Panel material	1000x500mm Panel: Carbon Fiber+ Die Casting Magnesium; 500x500mm Panel: Die Casting Magnesium			Die Casting Magnesium			Die Casting Aluminum	
Module size (WxH, mm)	250x250 (9.84x9.84")						500x250 (19.69x9.84")	
Brightness (nit)	1500	1500	1200	1500	1500	1200	1500	1500
Refresh rate (Hz)	7680							
Grayscale (bit)	16							
Contrast ratio	5500:1	8000:1	7000:1	5500:1	8000:1	7000:1	5500:1	8000:1
Color temperature (K)	6500							
Viewing angle (H/V, °)	160/160							
Drive mode	1/16	1/12	1/8	1/16	1/12	1/8	1/16	1/12
AC operating voltage (V)	100~240							
Power consumption (max./avg., W/m²)	440/146	540/180	450/150	440/146	540/180	450/150	440/146	540/180
IP rating	IP40/IP21							
Certification	FCC, ETL, CE, UKCA, RoHS							