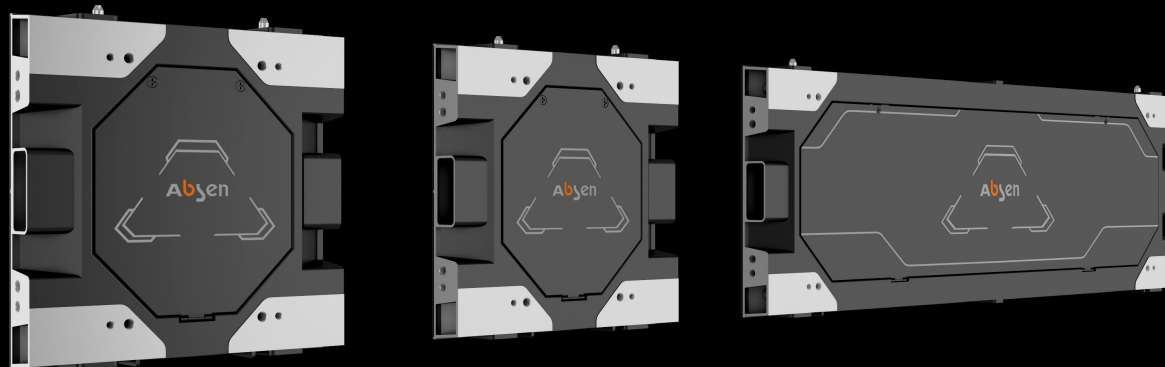**Absen 艾比森**

K V3 Series

Connect Creatively, Unleash Imagination

K1.5 V3 / K1.8 V3 / K2.5 V3 / K3.9 V3

K V3 Series

K1.5 V3 │ K1.8 V3 │ K2.5 V3 │ K3.9 V3

3+1+1 Design
Flexible Modular Structure

Front & Rear Maintenance
Module, PSU, Receiving Card, Etc.

700/ 2500nit+
Dual Brightness Configuration

Optional Non-Magnetic
Dust-Free Solution

Creative Shape
Curved, Right-Angle & Irregular Solutions

Wireless Connectivity
Easy Module Removal

A5C+ Calibration Technology
Enhanced Screen Uniformity

Energy-saving Technology
Efficient Energy-Saving

Innovative Structural Design Concept

Experience the next level of LED displays with Absen's unique triangular design. Our technology ensures unmatched stability, safety, and reliability, making every display stand out regardless of the setting. With the versatility of our 3+1+1 configuration, we make inventory management seamless for our esteemed clientele. Choose Absen and revolutionize your visual storytelling.
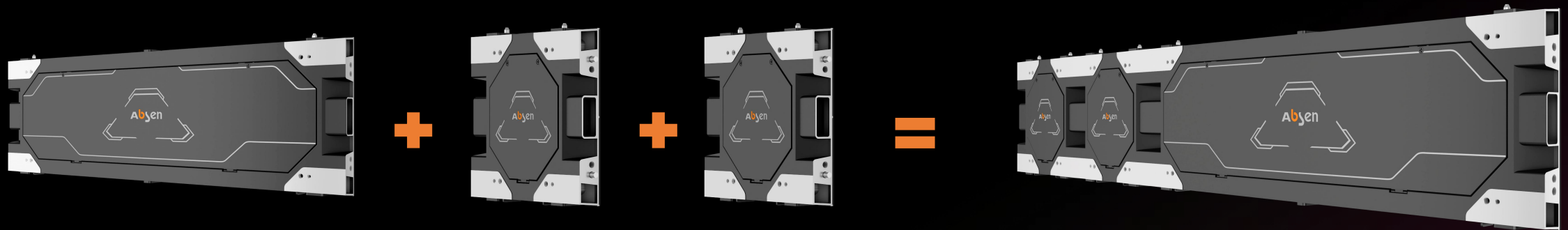
A5C+ Calibration Technology

Absen

Dive into a visual spectacle with Absen's K V3 series powered by A5C+ technology. Experience unparalleled screen harmony, true-to-life colors, and captivating imagery that comes to life.

Before Correction

A5C+ Calibration Technology

After Correction

Amazing Color Management Technology

Step into Absen's realm of unmatched color brilliance. With our cutting-edge color tech, expect colors that resonate deeply, pristine clarity, shadows with depth and subtlety, and unrivaled accuracy in every shade.

Before Processing

After Processing

3840Hz
High Refresh Rate

4500: 1
High Contrast Ratio*

14bit
High Grayscale*

*K1.5 V3 contrast ratio: 4000:1, K2.5/K3.9 V3 contrast ratio: 4500:1

Dual Brightness Configuration

Absen

Select the perfect brightness for your environment: Opt for our Standard mode with a luminance of up to 700nits or elevate your experience with the High Brightness mode, boasting a radiant 2500-3000nits.

700nits Normal Brightness Version
For indoor use in brand chain stores, shopping mall, etc.

2500-3000nits High Brightness Version
For scenarios severely affected by ambient light, such as shopping mall exterior windows, etc.

*K1.8 V3 high brightness version：2500nits, K2.5/K3.9 V3 high brightness version：3000nits

Anti-Blue Light and Anti-Radiation

Absen

Experience visual comfort with Absen's TÜV Rheinland-certified displays, meticulously designed to reduce harmful blue light. Paired with our Class B electromagnetic standards, immerse yourself in a seamless and health-conscious viewing journey.
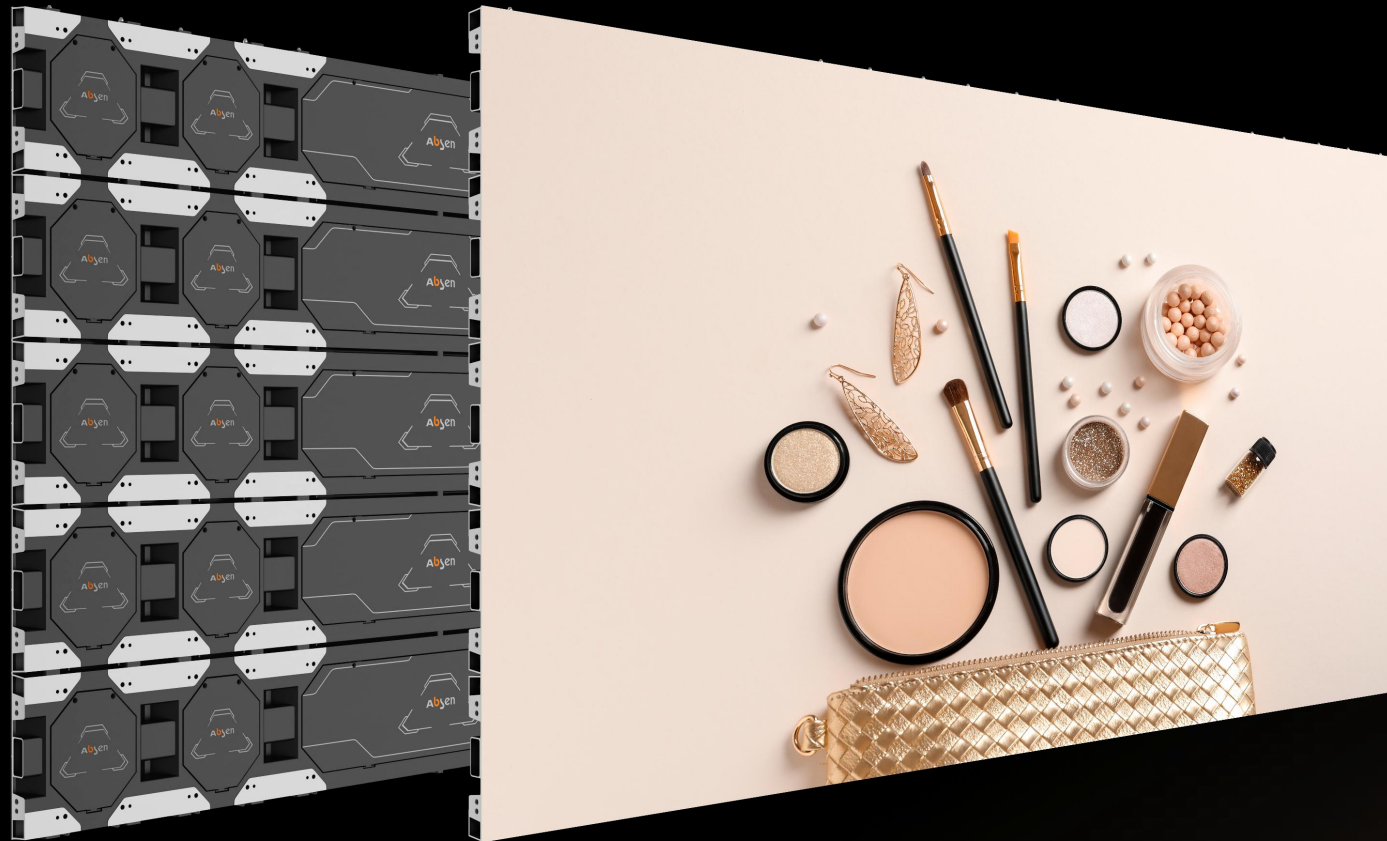
Low Blue Light

- TÜV Rheinland low blue light certification
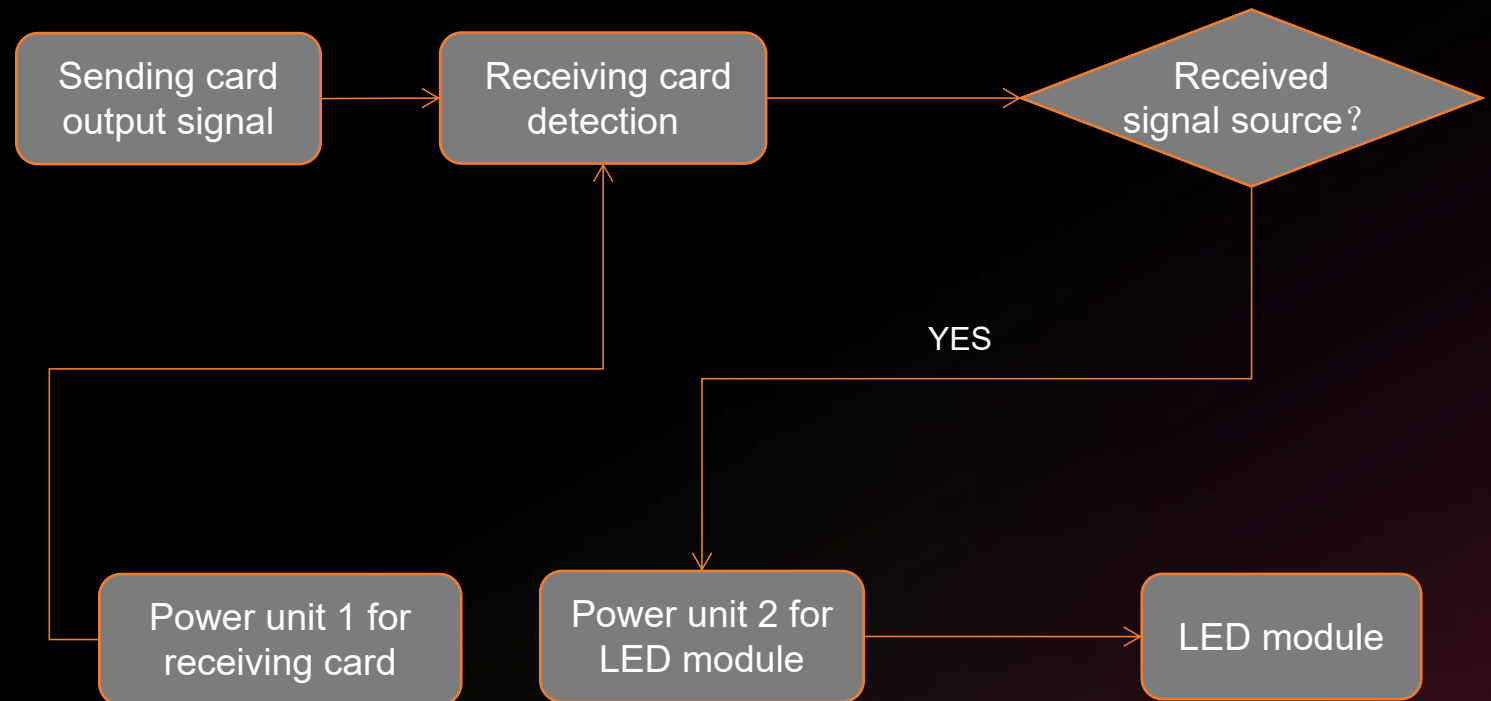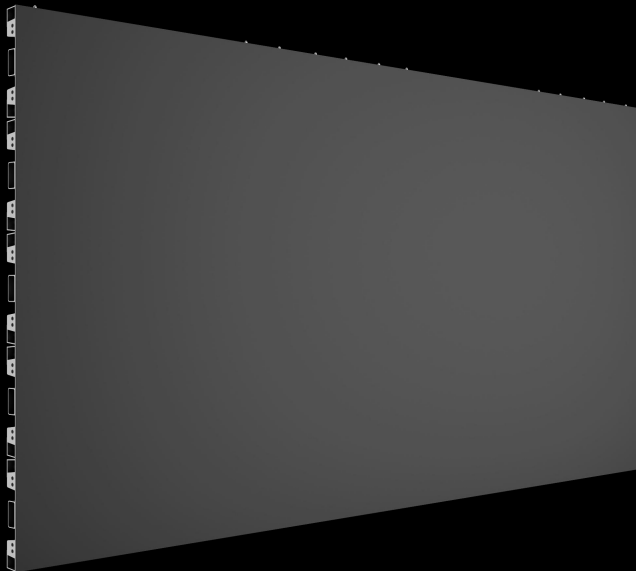- Protecting eyes from high-energy short-wave blue light

EMC Class B

- Civil use level
- Prevent harm to the human body caused by excessive electromagnetic radiation

Efficient Dynamic Energy-Saving Technology

Elevate your eco-journey with our displays' smart black-screen technology. Seamlessly optimizing power consumption, they intuitively shift to an energy-saving mode, merging sustainability with cost efficiency.
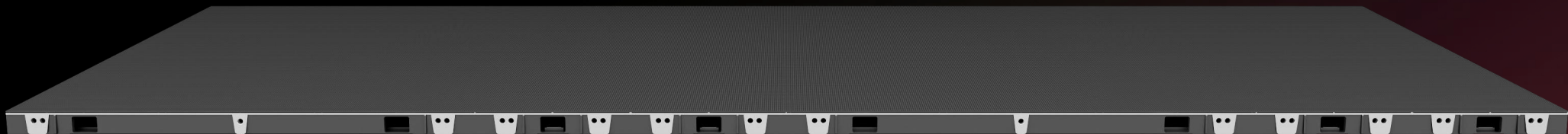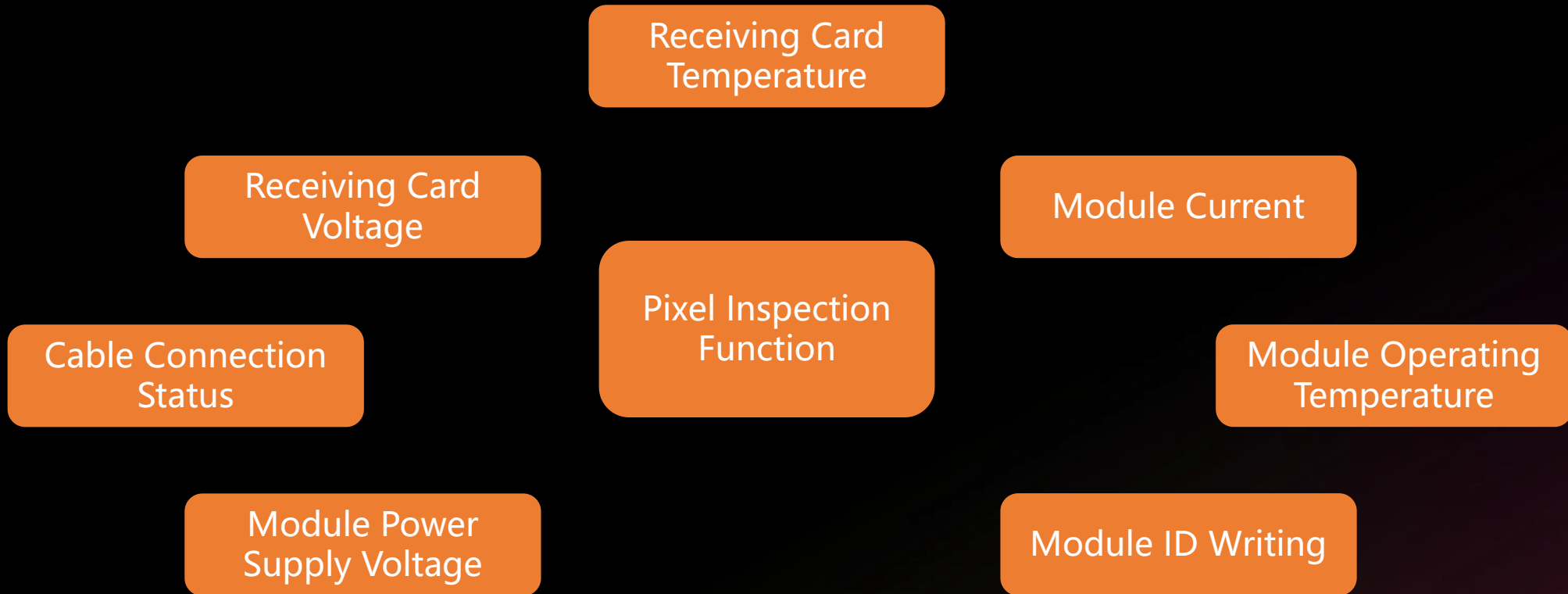
Energy Saving 40%~55%
Standby state

Sending card output signal → Receiving card detection → Received signal source？

YES

Power unit 1 for receiving card

Power unit 2 for LED module

LED module

# Remote Monitoring, Cluster Management

Absen

Elevate your display experience with smart module options. Enhance efficiency and gain real-time insights into your product's performance. Stay in control and effortlessly manage any situation with ease.

Receiving Card Temperature

Receiving Card Voltage

Module Current

Pixel Inspection Function

Cable Connection Status

Module Operating Temperature

Module Power Supply Voltage

Module ID Writing

Lightweight Design

Experience our sleek panel, measuring just 39.5mm in thickness and boasting a lightweight design at 25kg/m^2.

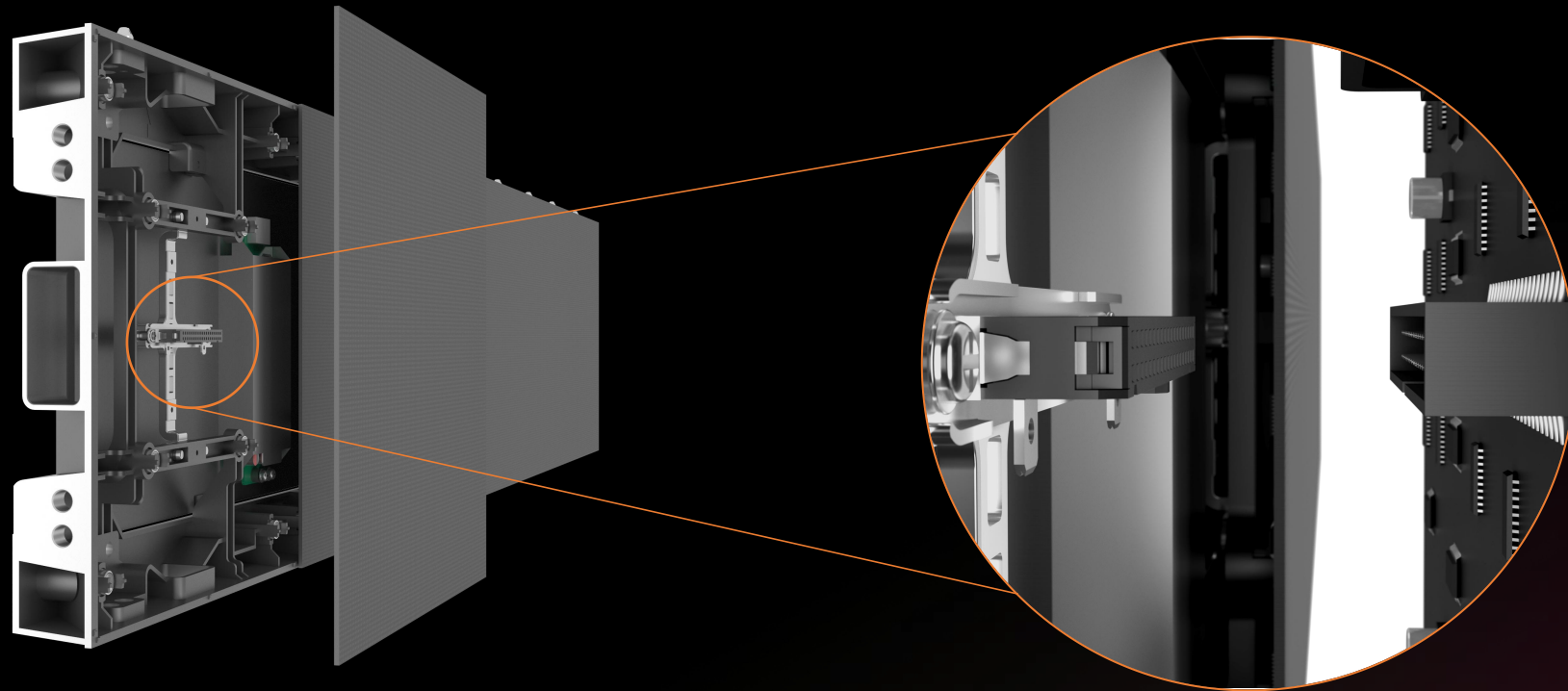Absen

1250mm

39.5mm

250 mm
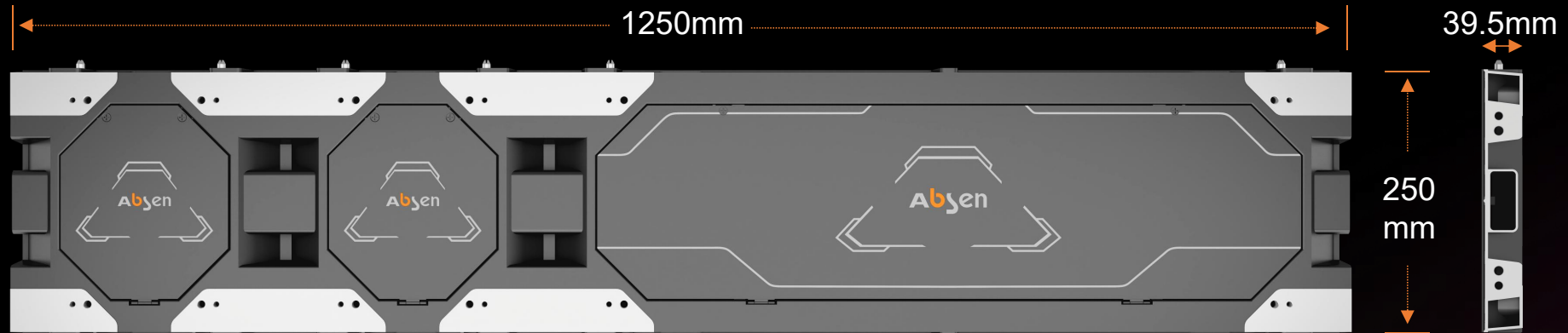
39.5mm
Ultra-thin design

25kg/m^2
Ultra-lightweight

# Wireless Connectivity Design

Dive into seamless connectivity with our wireless connector innovation. Eliminate cable chaos and relish in swift setup and takedown.

- Wireless Design Inside the Panel

Rotatable Installation for Panels

Experience limitless design possibilities with Absen's adaptable rotating cabinet. Craft breathtaking visuals that align with your vision, enhanced by our module's seamless 90° rotation. Dive into a world of unbroken, captivating displays with Absen.
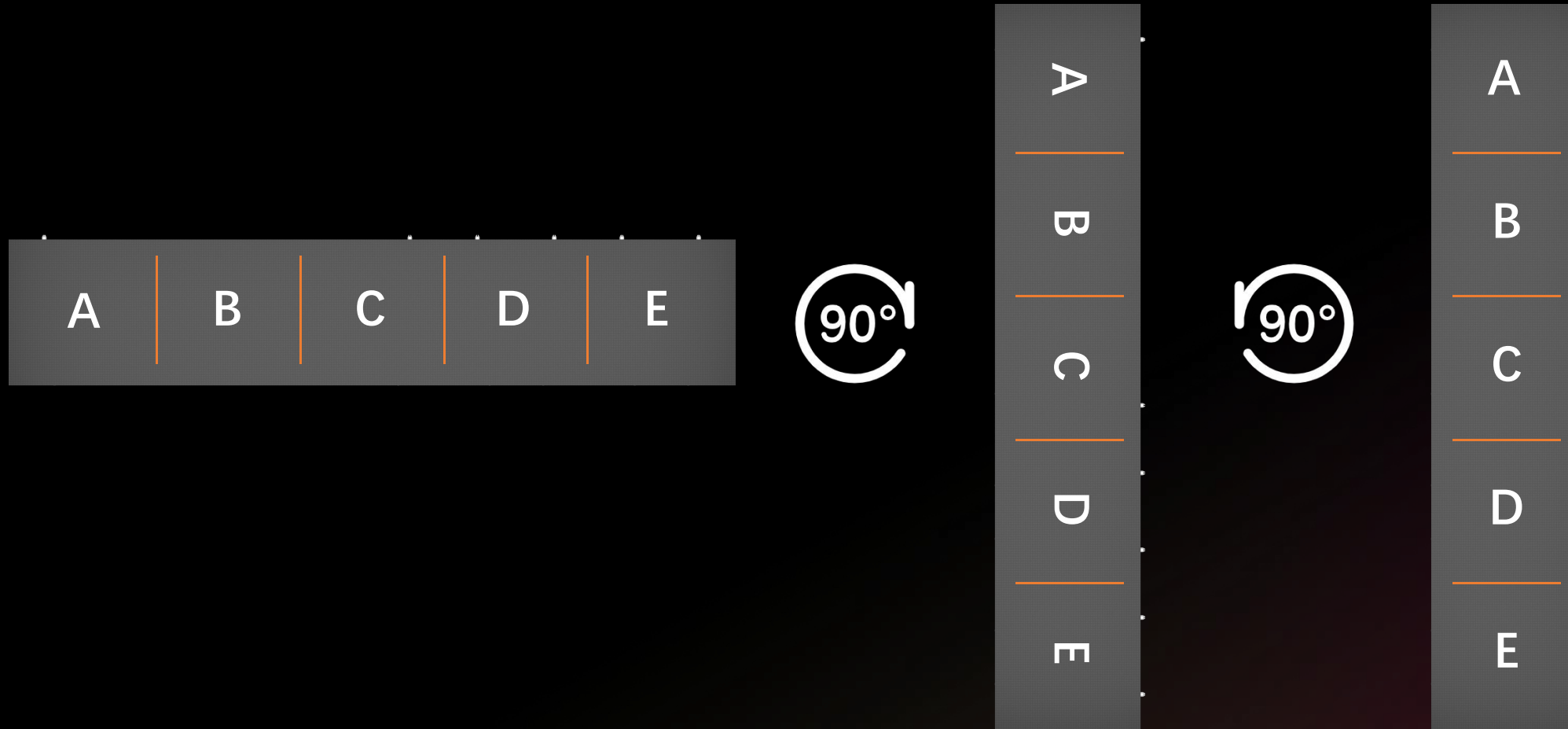

*Based on the back of the panels, after rotation, the smaller panels remain at the top of the main panel.

Flexible Assembly, Convenient Connectivity

Enjoy seamless assembly with our intuitive clockwise module setup and customizable cabinet connectors.
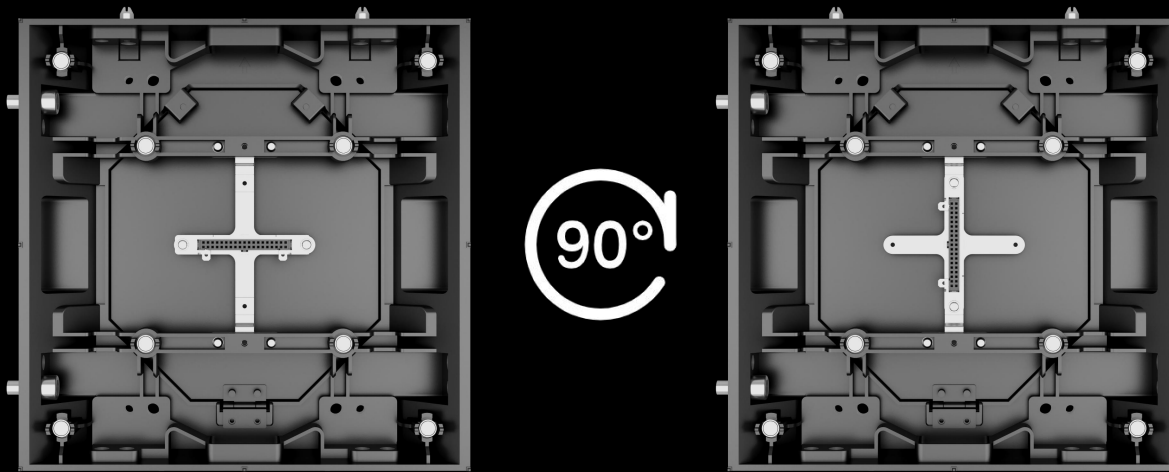

- During installation, modules effortlessly turn 90° clockwise, while the wireless connectors smoothly align with the module's surface.
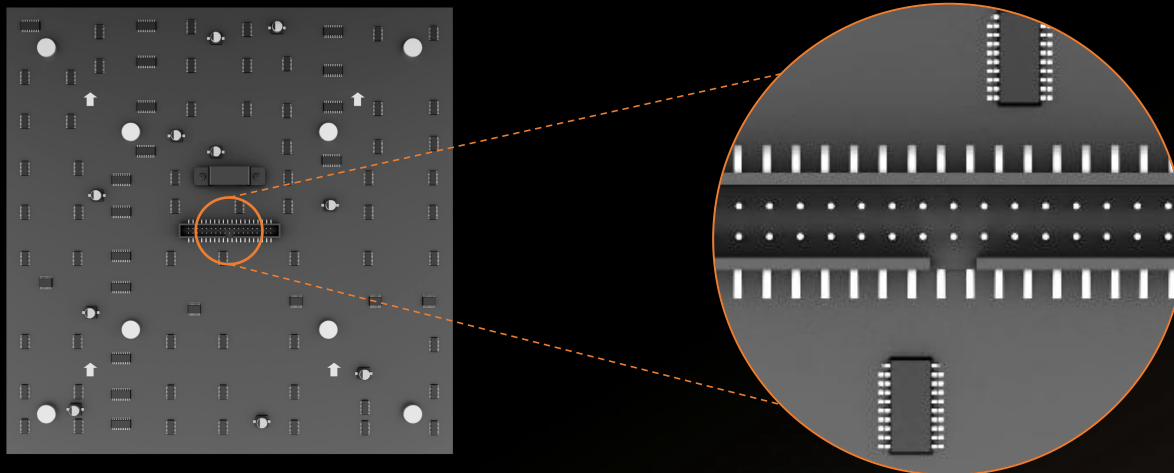
- Design engineered for reliability, safeguarding against module short circuits.

Flexible Splicing

Unleash your creativity with our product's exceptional adaptability. Discover endless opportunities for your concepts, seamlessly fitting any environment.
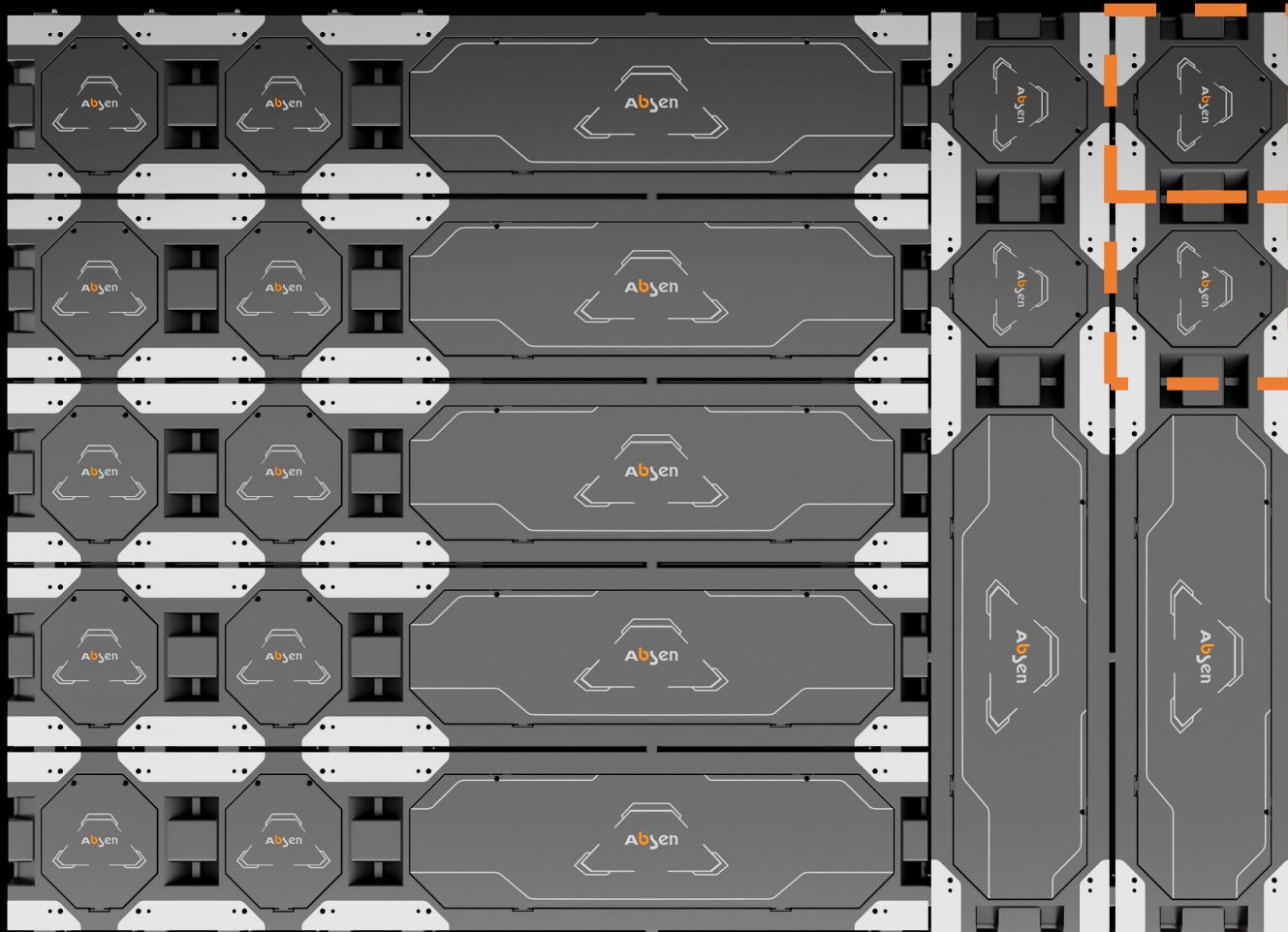

90° Rotational Installation

Experience the flexibility of our cabinet supports with a rotational setup. Ensure your smaller cabinets are securely positioned on top during vertical installations.

Anti-Collision Lamp Design

Absen

Introducing the K V3 series: Engineered with a unique anti-bump lamp mechanism, it shields the LED beads from damage during transit and regular usage, ensuring superior durability and steadfast performance.
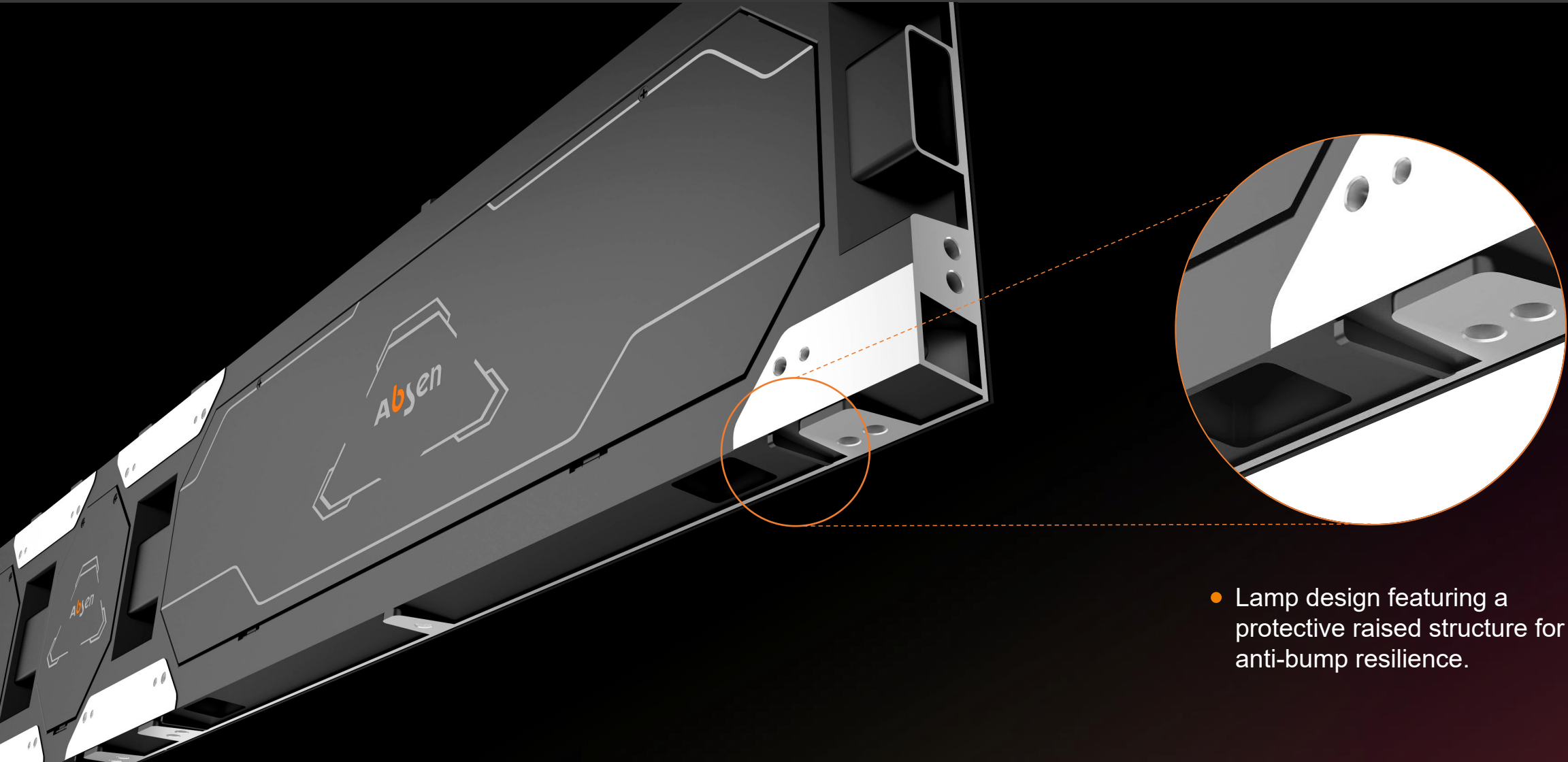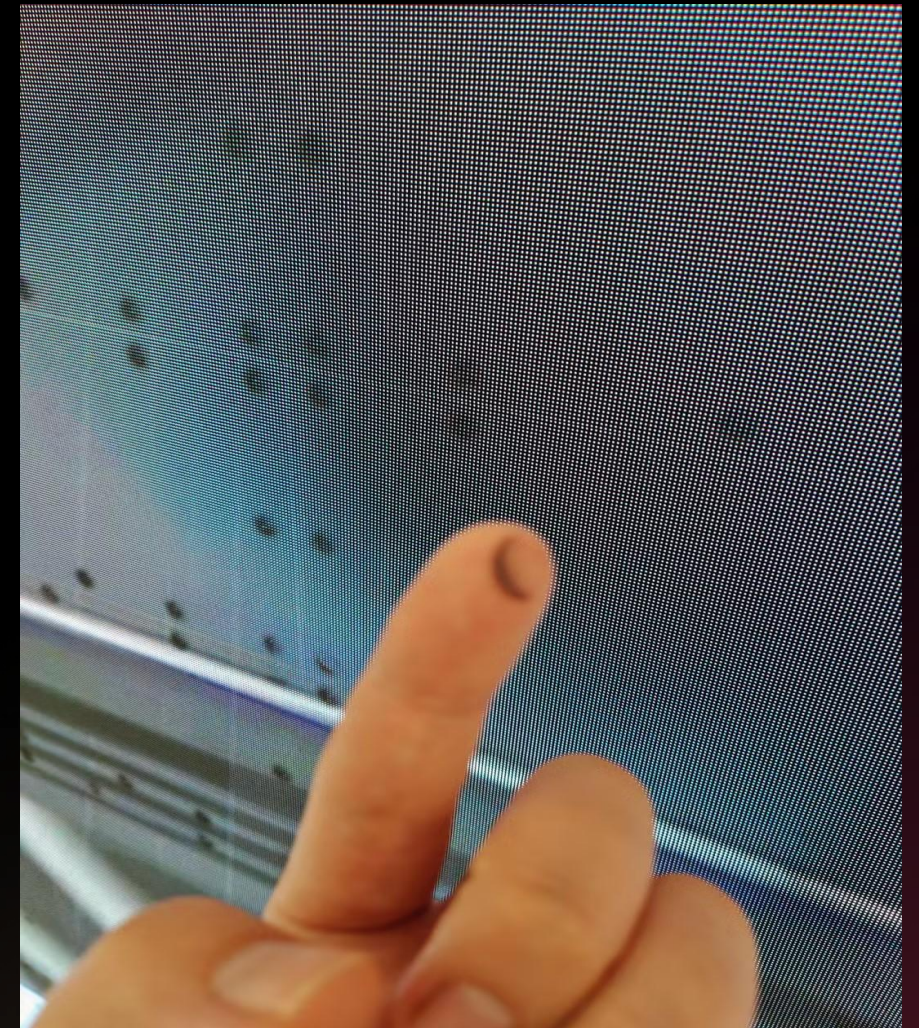
- Lamp design featuring a protective raised structure for anti-bump resilience.
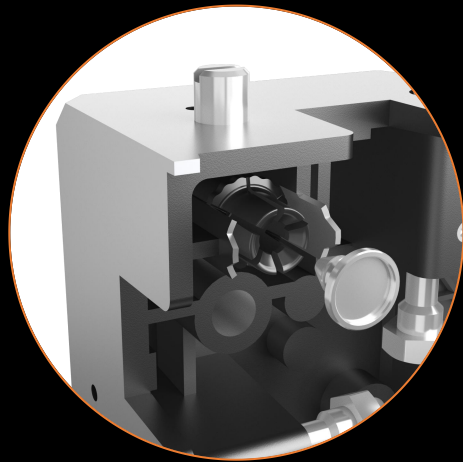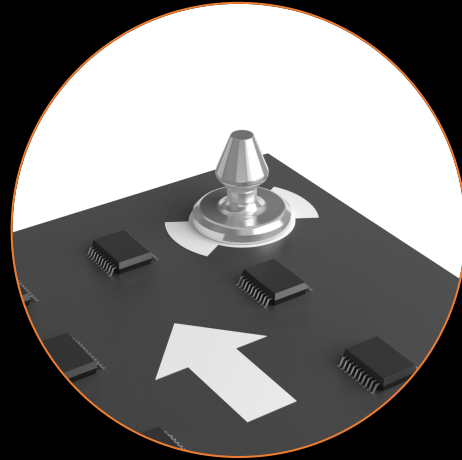
Magnetic-Free Solution

Transform your viewing with our non-magnetic technology. Experience pristine clarity that stands the test of time.

*Non-magnetic solutions are optional.

Magnetic-Free Solution

Absen

Experience unmatched clarity with our non-magnetic technology. Revel in a pristine display that stands the test of time.

- Standard Magnetic Module (With noticeable screen imperfections)

- Streamlined Non-Magnetic Design Module - Ensuring a Pristine Display
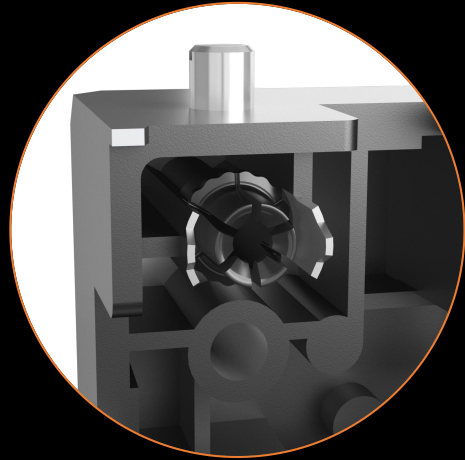
- Non-magnetic Structural Design

*Non-magnetic solutions are optional.

Graceful L-Shaped Splicing

Unveiling our product with a signature right-angle and column aesthetic, transforming spaces with a visual allure that demands attention.

ABSEN
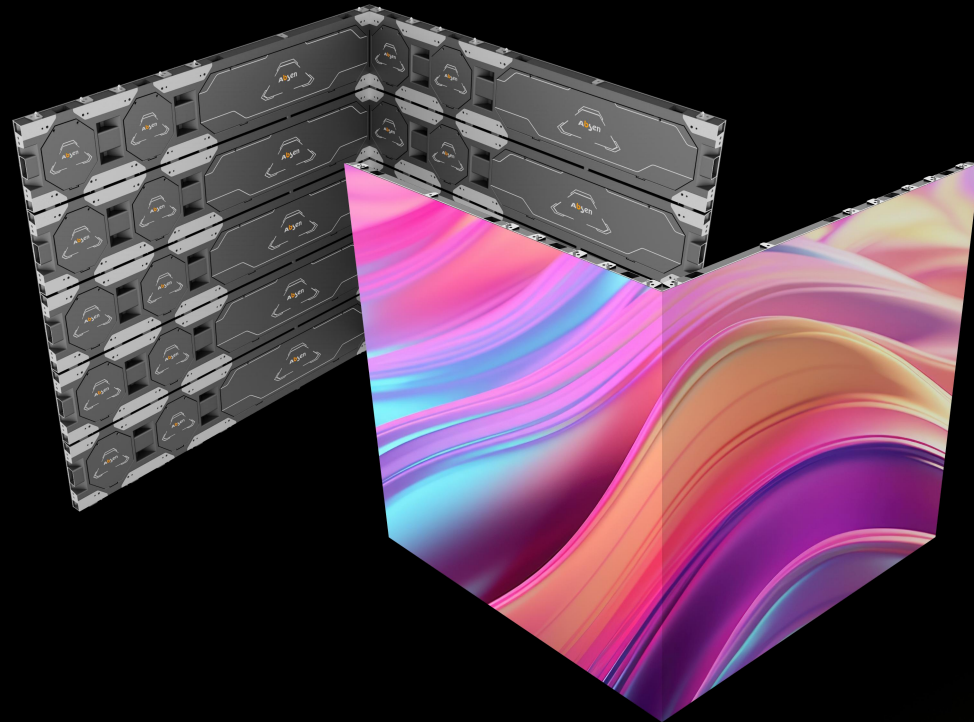
- L-Shaped Corner Display
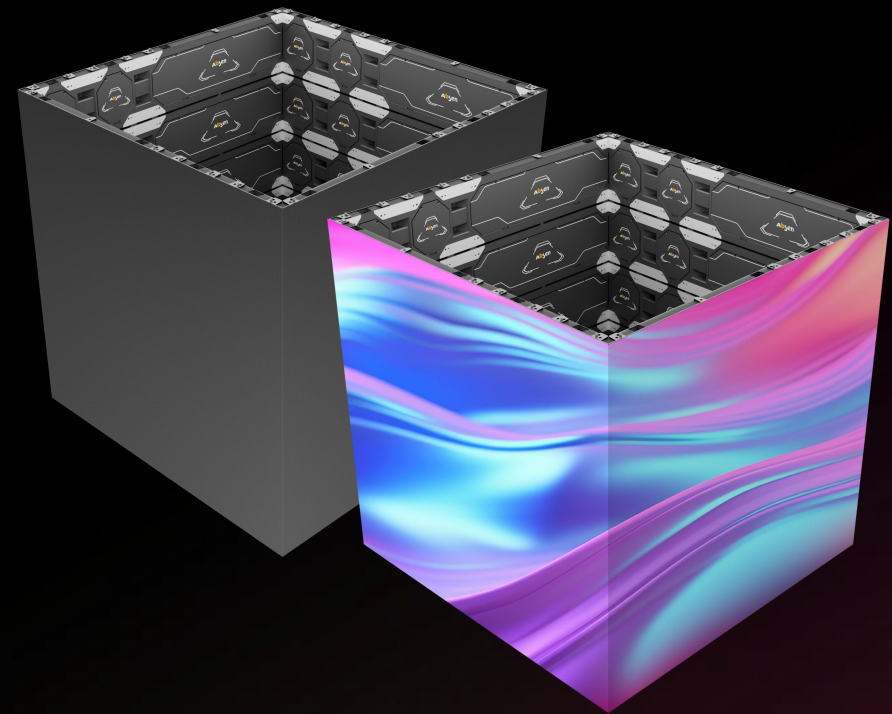
- Wrapped Column Diagram

Versatile Assembly for Any Shape

ABsen

K1.8 V3 and K2.5 V3 support the combination of soft and hard module splicing, allowing for limitless creative possibilities and effortless creation of your unique display forms.
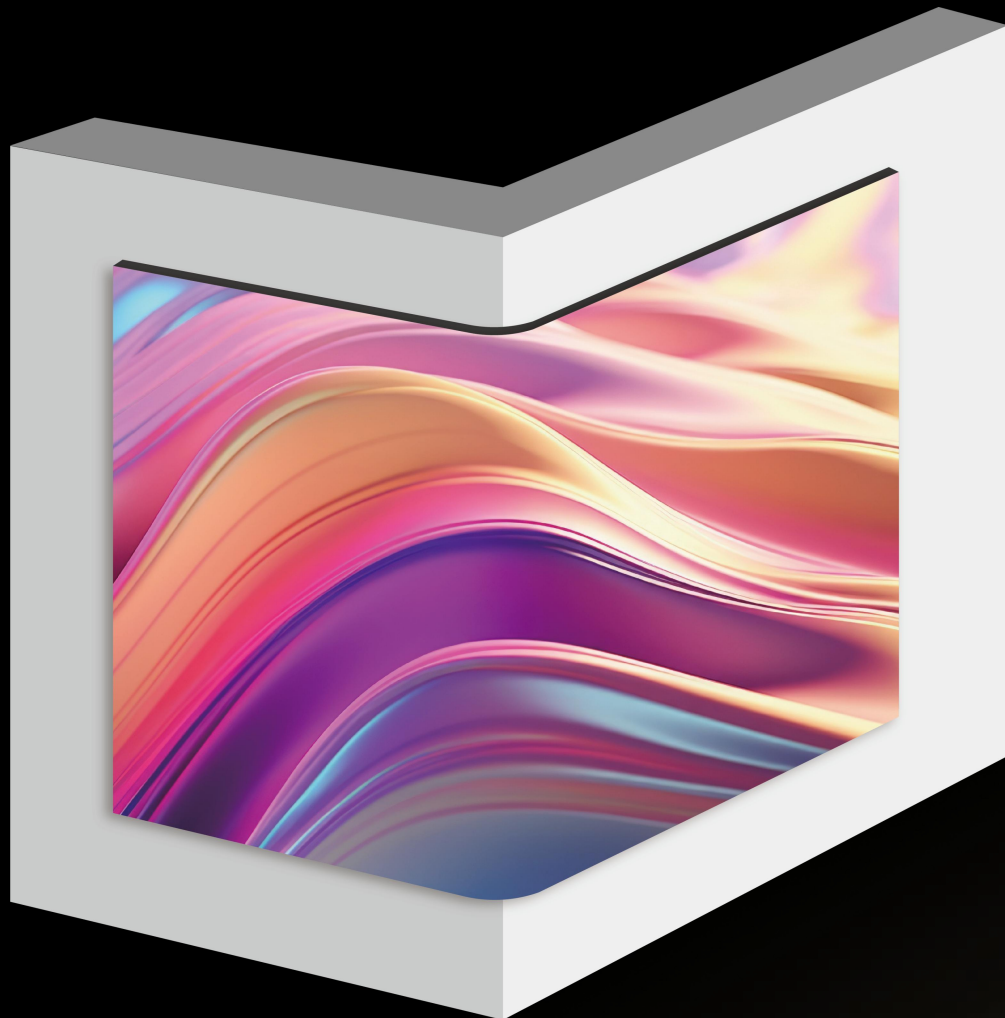
- Soft and Hard Modules Splicing

Sleek and Artistic Curves

Unleash endless creativity with K1.8 V3 and K2.5 V3! Seamlessly merge soft and hard modules to effortlessly craft your distinct display masterpiece.
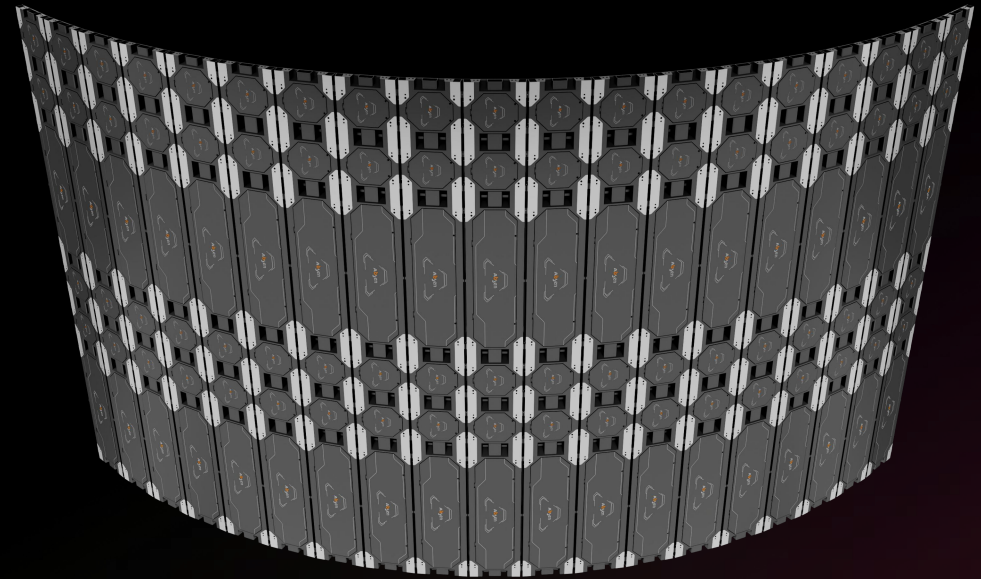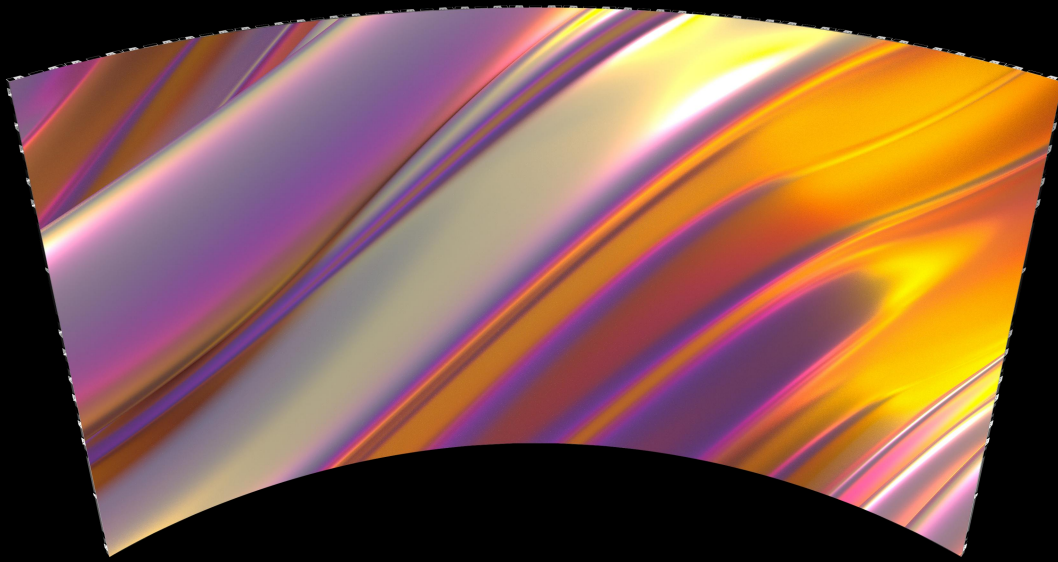
Elegant, Ultra-Thin Trim Pieces

Absen

Experience elegance like never before with our Ultra-Thin Bezel Design*. Its innovative configuration conceals side wiring, elevating your screen's sophistication to unparalleled heights.
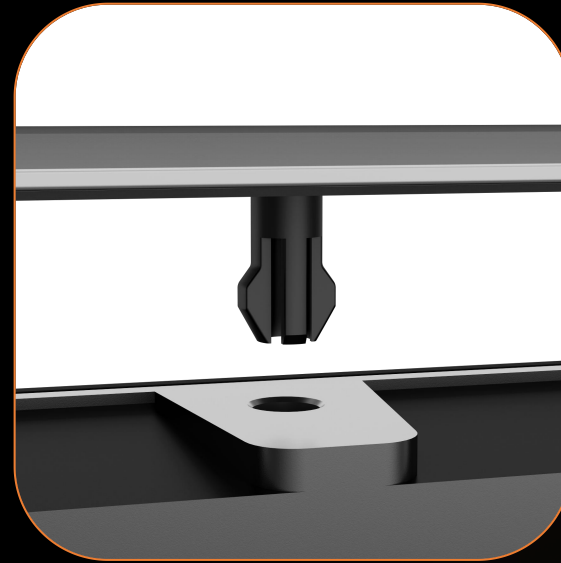
Starry Gray
Ultimate Premium Experience

5mm Thickness
Ultra-Thin Design

Metal Spraying Process
Delicate and smooth,
No screw holes on the side

*Trim pieces solutions are optional.

Ultra-Slim Wall Mount Solution

Absen

Discover the future of wall-mounted elegance: sleek, ultra-slim at less than 72mm. Transform your space with our gracefully minimalist design.

- 250mm/750mm Back Strap

- Hook up

- Total Thickness: <72mm

- Thickness of Frame Kit: 30mm
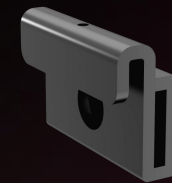
Hanging Installation

Absen

Experience the versatility of our hanging installation solution. Tailored for a variety of applications, it takes your setup to the next level.
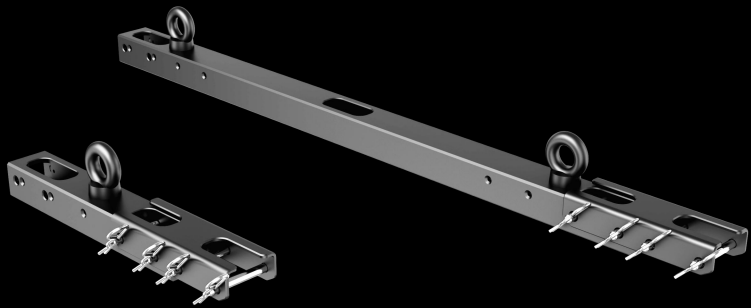
- 250mm/750mm Hanging Bar

- Installation with All-Black Hanging Bar

Stacking Installation

Seamlessly transform your space with our steel floor installation. Designed for easy personalization.

- Installation with Steel Structure
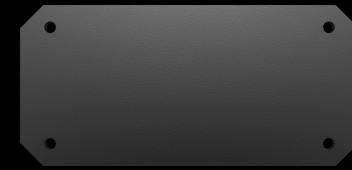
- Front Installation Connecting Plate
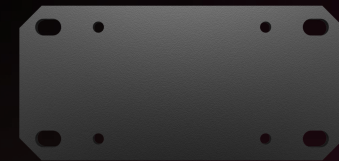
- Rear Installation Connecting Plate

Full Front Maintenance

Absen

Enjoy streamlined maintenance with our all-in-one front access design. Say goodbye to dedicated maintenance channels and optimize your space. From modules and PSU to receiver cards and HUB boards, everything is effortlessly accessible from the front.
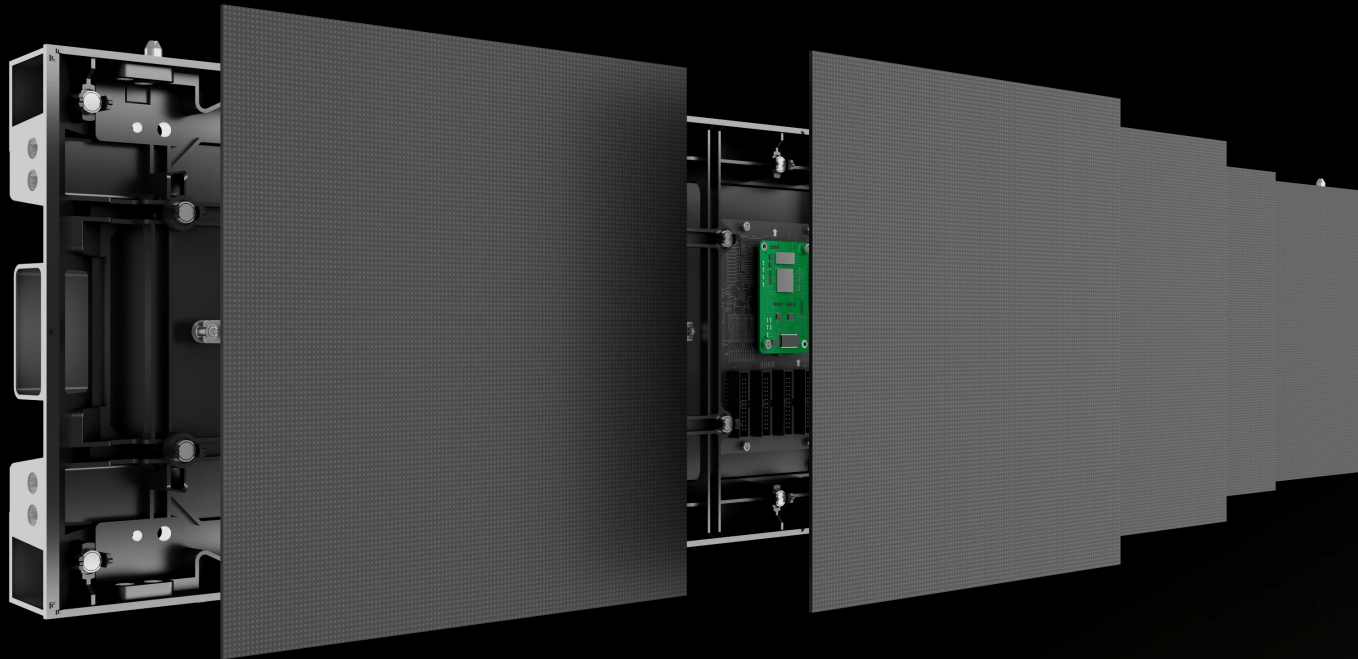
Single-Tool Maintenance

Cross Screwdriver

Full Rear Maintenance

Absen

Streamlined rear-access maintenance ensures hassle-free equipment care and consistent, uninterrupted performance. All modules, PSUs, receiver cards, and HUB boards are optimized for this seamless rear maintenance.

Single-Tool Maintenance

Cross Screwdriver
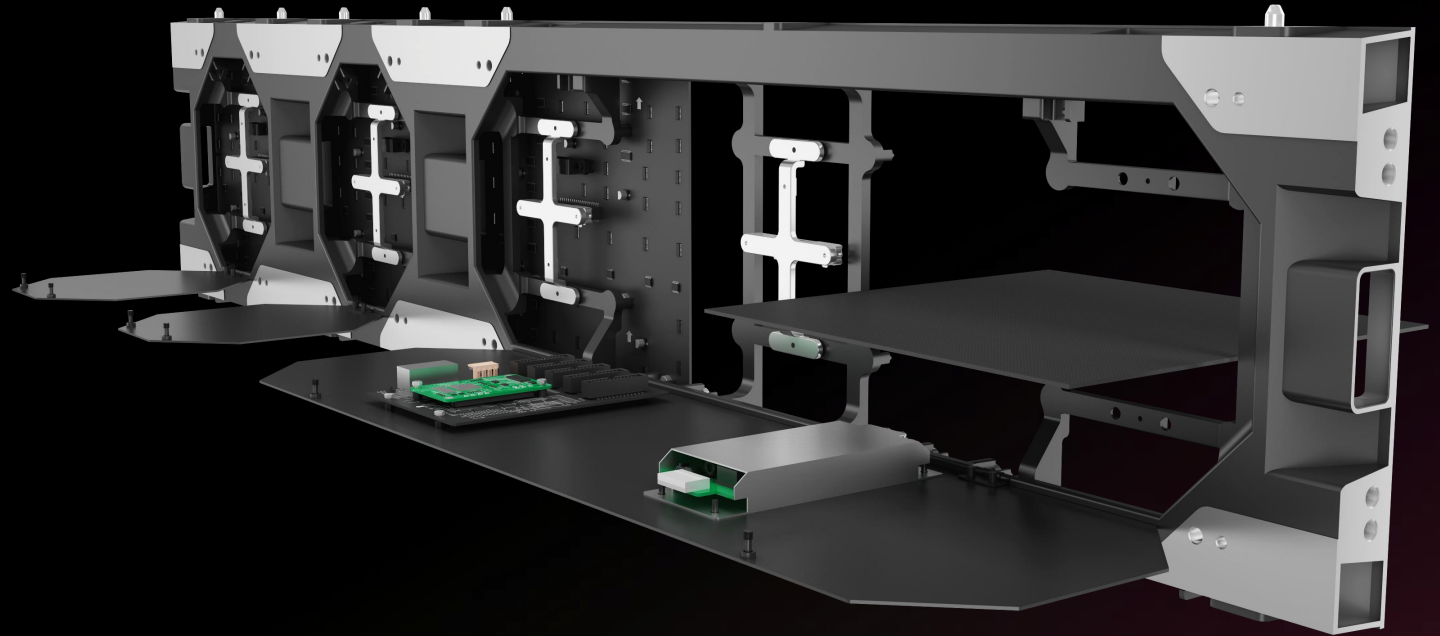
Primary Retail Application Use Cases

Chain Store

4S Car Dealership

Mall

Compact Display Solution

And More Application Scenarios……

Safe & Stable

Abyen

Reliable Raw Materials
High quality LED lamp, power box, and other accessories

Quality Control Throughout the Whole Manufacturing Process
18 Monitoring Links
29 Operation Processes
33 Recording Links
2285 Inspections And Tests

Long Service Life
Pursue precision and high quality
Energy efficiency, long service life

Safe & Stable

Standard Manufacturing Process
Adheres to a standard manufacturing process to ensure product quality

Certifications
China Compulsory Certification
Energy Conservation Certification
Pass performance/ blue light hazard/ photobiology test, etc.

Save Operating Cost
Stable product quality
Low operational risks
Low operating and maintenance costs

Professional Service, Exceptional Experience

Absen has established a worldwide network, enabling the delivery of timely and expert local services.

Comprehensive Support

Experience a 1-year warranty, an optional extended 1-year warranty, lifetime maintenance, and access to 10+ professional service solutions designed to help you solve any challenges.

Global Coverage

Benefit from a network of 500+ Absen Certified Partners and 3,000+ Engineers, with a global reach covering most markets. Our service network is continuously expanding.

Multiple Service Channels

Providing service via multiple channels such as Hotline, WeChat, WhatsApp, E-mail, and official website to quickly take care of your service needs

24/7 Response

We are available 24/7/365 with a quick response time in as little as 10 seconds.

One-Stop Service

Experience exclusive and expert support throughout the entire sales process, from pre-sales to post-sales.

Service Channels	Hotline: +86 400-700-3278 WeChat: 13923413428 WhatsApp: 008613923413428 Email: service@absen.com Website: www.absen.com
Service Time (GMT+8)	24/7 Online Customer Service

Absen Service Philosophy

Initiative. Efficient. Standardization. Thoughtfulness.

Initiative

Offering proactive care, follow-up visits, and regular inspection services for our valued customers.

Efficient

All service channels guarantee a 10-second response time, utilizing intelligent algorithms to connect you with the most suitable local service resources, ensuring a swift and efficient service experience.

Standardization

A robust service engineer training system, including ACE professional training and certification, along with ACP professional certification. Additionally, we create and maintain comprehensive product files for our customers, meticulously recording the entire service process

Thoughtfulness

Extended warranty for peace of mind and uncompromising quality assurance.

Parameters

参数	K1.5 V3	K1.8 V3	K2.5 V3	K3.9 V3
Physical Parameter				
LED type	Black SMD1212	Black SMD1515	Black SMD1515	Black SMD2121
Pixel pitch (mm)	1.56	1.89	2.5	3.9
Panel dimensions (W*H*D, mm)	750×250×39.5/ 1000×250×39.5/ 1250×250×39.5			
Panel resolution	480×160/ 640×160/ 800×160	396×132/ 528×132/ 660×132	300×100/ 400×100/ 500×100	192×160/ 256×160/ 320×160
Panel weight (kg)	4.6/ 6.2/ 7.9	4.6/ 6.2/ 7.9	4.6/ 6.2/ 7.9	4.6/ 6.2/ 7.9
Module size (W*H, mm)	250×250			
Photoelectric parameters				
Brightness (nit)	700+	700+	700+/ 3000	700+/ 3000
Refresh rate (Hz)	3840			
Grayscale (bit)	14			
Contrast ratio	4000:1	4000:1	4500:1	4500:1
Viewing angle (H/V, °)	160/160			
AC operating voltage(V)	100~240			
Power consumption (max./avg., W/m²)	360/120	390/130	360/120	300/100
Application parameters				
Storage temperature (℃)	－ 40~ + 60			
Operating temperature (℃)	－ 10~ + 40			
Storage humidity (RH)	10％~85％			
Operating humidity (RH)	10％~80％			
IP rating	IP40/IP21			
Certificate	FCC, ETL, CE, RoHS, CCC, TUV			

*Power consumption tolerance: ±15%, according to the actual situation.

Thank You