

Absen



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CPS Series

Creativity with Simplicity

CPS Series

CPS1.8 / CPS2 / CPS2.5



Ready-to-Use Panel
Integrated product design



Lightweight Design
12.3kg/m², 46.5mm



Superior Performance
High refresh rate



Flexible Splicing
Standard & small panels



L-shaped Corners
Create innovative designs (optional)



Wireless Connectivity
No wires in the cabinet



Quick Installation
Efficiency increased by 3 times



Easy Maintenance
Full front maintenance

Ready-to-Use LED Panel

Superior Quality / Worry-Free / Safe & Secure

VS

On-Site Assembly LED Panel

Inferior Quality / Troublesome / Hidden Dangers

Superior Quality

- Excellent Product Design
- Reliable Raw Materials
- Standard Manufacturing Process
- Quality Control Throughout the Whole Manufacturing Process
- Extraordinary Visual Effect



Worry-Free

- Ready-to-Use Panel
- Quick Installation
- One-Stop Standard Solution
- Global Service & Long-Term Warranty



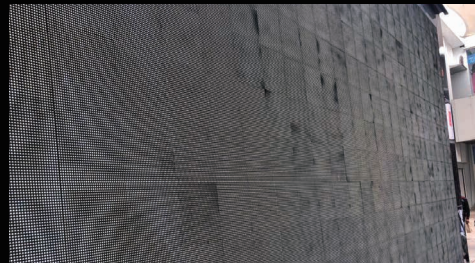
Safe & Secure

- Safe and Trustworthy
- Global Certification: CCC, FCC, ETL, CE, RoHS
- Professional Installation & Maintenance Services



Inferior Quality

- Crude Product Design
- Poor Raw Material
- Non-Standard Manufacturing Process
- No Strict Quality Control
- Terrible Visual Effect



Troublesome

- On-Site Assembly
- Complicated Installation
- Non-Standard Solution
- Unreliable After-Sales Service



Hidden Dangers

- Great Security Risks
- No Certification
- Non-Standard Installation & Maintenance Services



Ready-to-Use LED Panel with Superior Quality

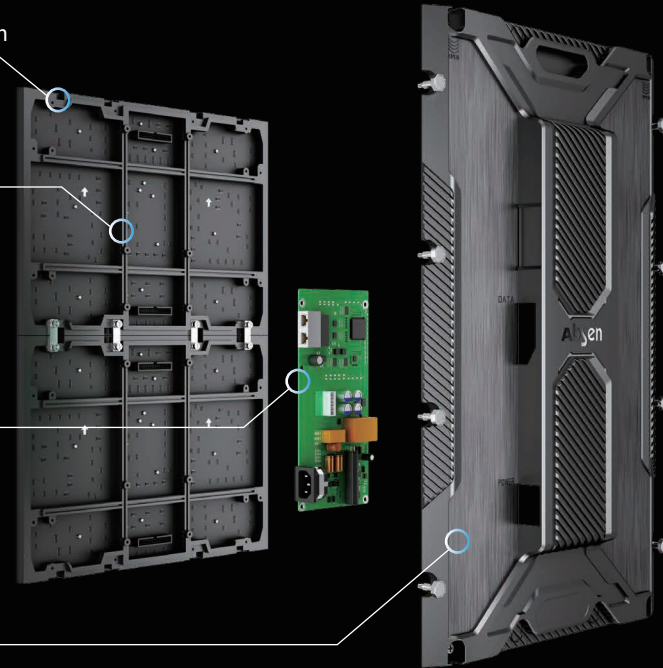
CPS Series: High heat resistance, exceptional strength, lightweight glass-reinforced plastics housing for deformation-free performance. Integrated design guarantees stability, arrives pre-assembled for effortless flatness.

Safety Rope Installation Position

Module with Glass-Reinforced Plastics Housing

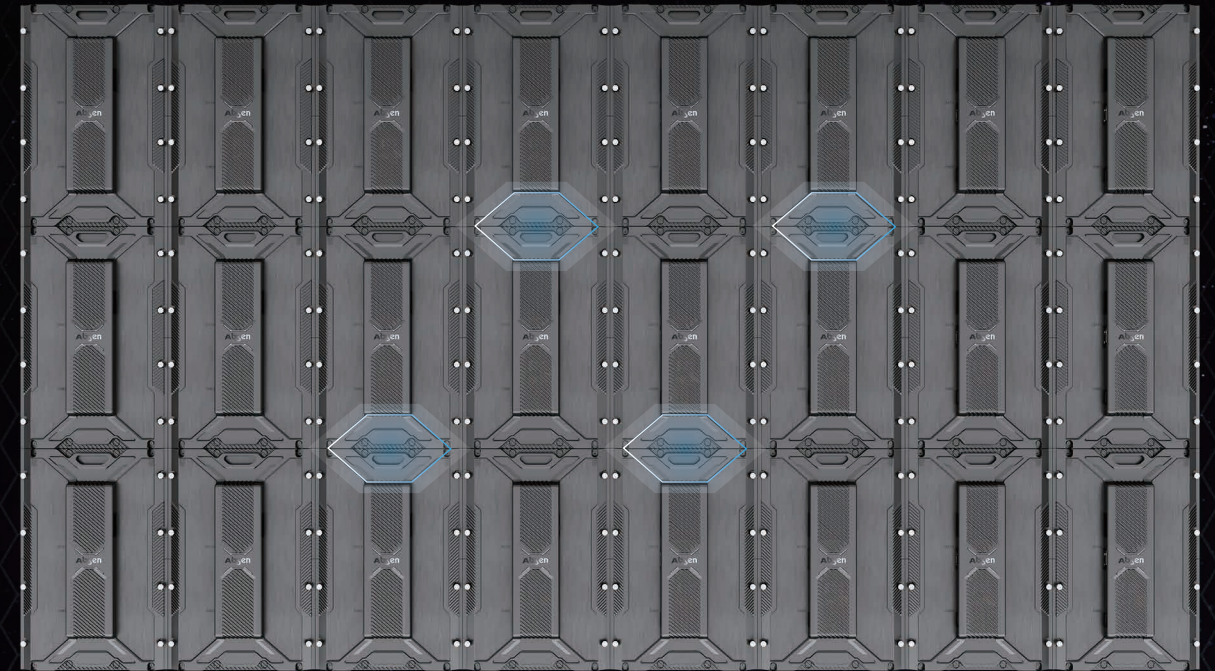
Three-in-One Board Card

Maintenance Back Cover



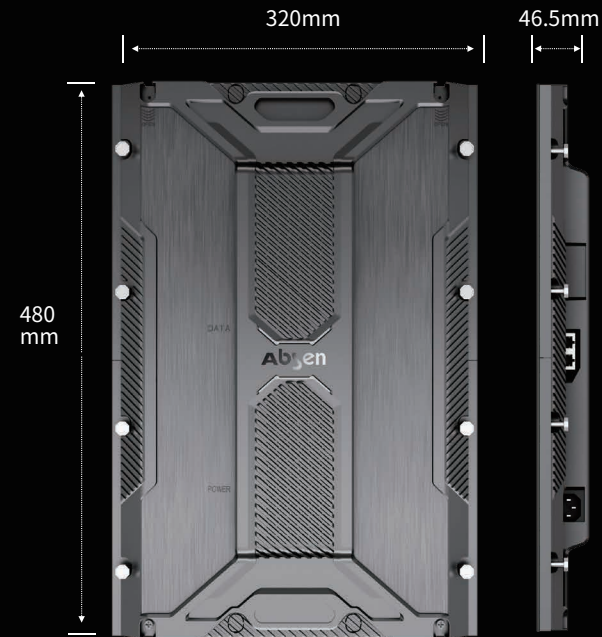
The Fusion of Minimalism & Hive-Engineered Precision

Inspired by hive structure and modern mecha-style, our product unites bold lines with a dynamic attitude. The hive symbolizes exceptional structural-engineering and optimal space utilization, elevating product strength and durability. Its distinctive yet minimalist design is a testament to Absen's unceasing dedication to innovation and excellence in the LED industry.



Ultra-Thin & Lightweight Design

Ultra-thin, lightweight design for effortless handling and efficient space utilization, elevating user experience.



46.5mm

The thinnest part is only 24mm

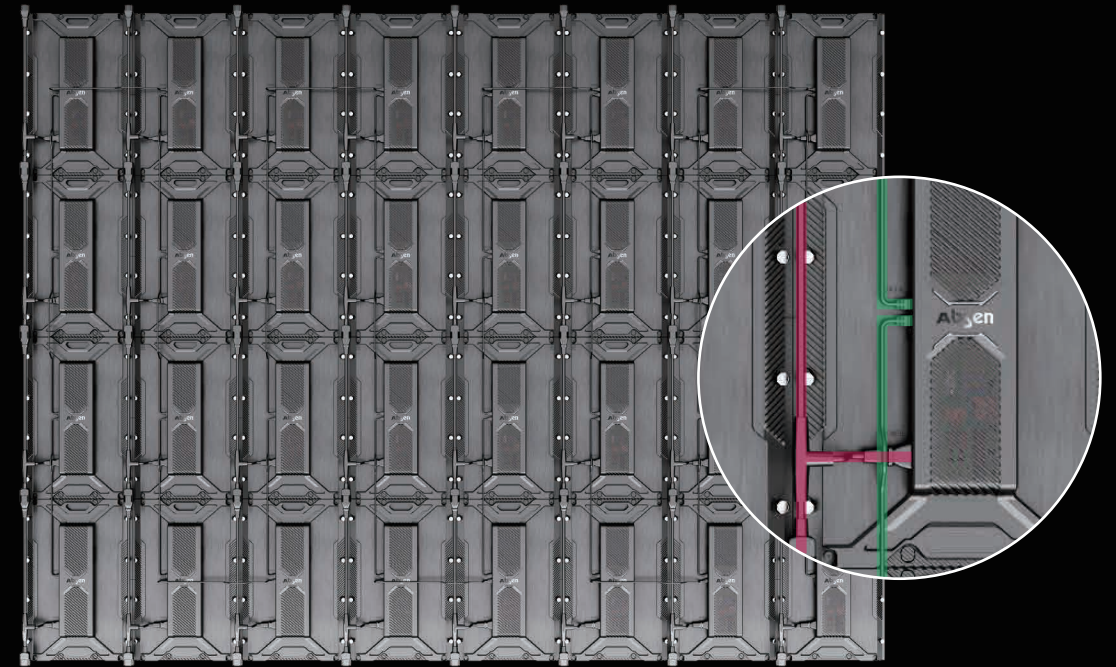


≤12.3kg/m²

Ultra-lightweight

Neat Cabling, Simple Operations

Utilize ethernet for signals, T-connectors for power—straightforward, easy, convenient. discover the simplicity of our LED display products.



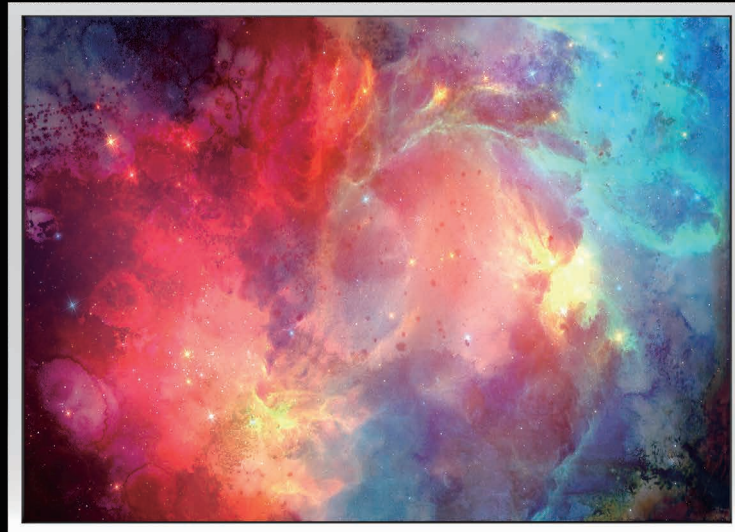
Superior Colors, Stable Display

Experience limitless horizons with our genuine 3840 high refresh rate LED screens.
Say goodbye to scan line hassles, revel in sharp, seamless visuals.



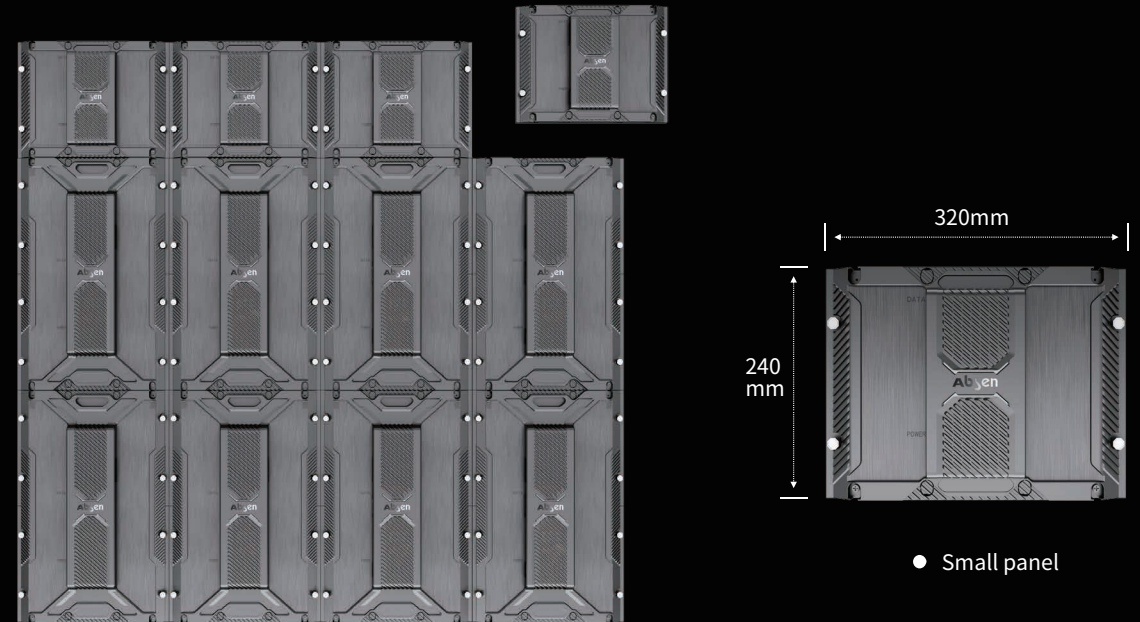
3840Hz

High refresh rate
(Pictures taken
without scan lines)



Small Panel for Flexible Splicing

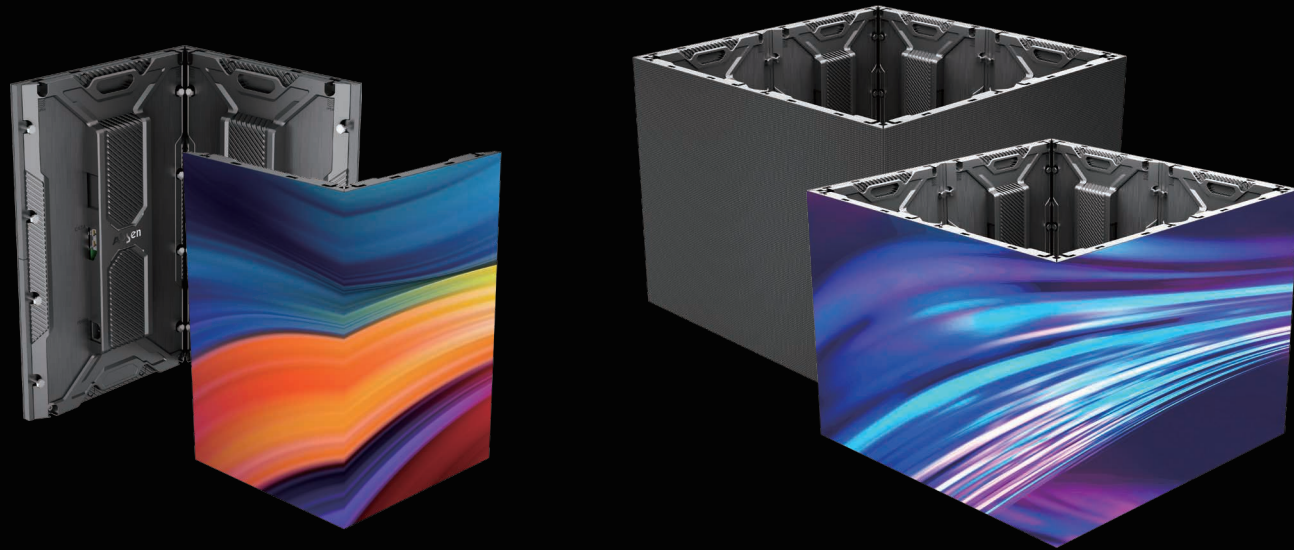
Explore boundless possibilities for customization with our versatile LED displays.
Achieve the perfect view by adjusting and blending to fit your needs.



- Standard panels and small panels can be connected together vertically

L-Shaped Corners for Versatile Styling (Optional)

Unleash creativity with our unique L-shaped corner design. It enables versatile styling, including column wrapping, catering to a myriad of display needs.

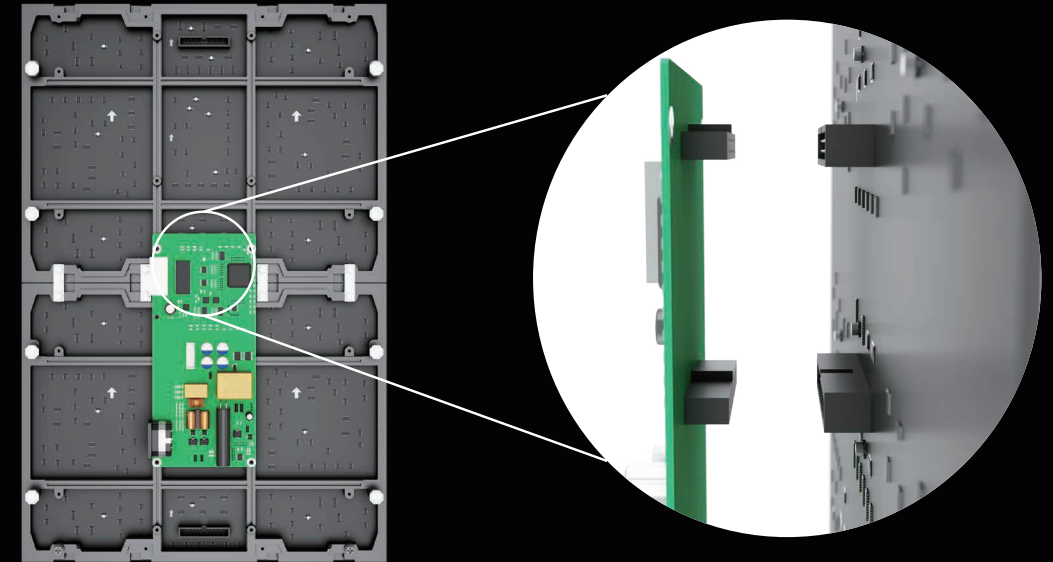


● L-shaped corner display

● Wrapped column diagram

Wireless Connectivity, Simple & Stable

Our meticulously engineered hardware architecture eliminates cabinet cable clutter, aligning perfectly with our minimalist and efficient design philosophy to deliver a user experience that's second to none.



● Wireless design inside the pane

*The corner feature is not standard support

Steel Structure Direct Magnetic Installation

Achieve lightning-fast installations using our magnetic setup approach. Craft displays with unparalleled ease and efficiency, ideal for screens up to 30m² in size and under 4m in height.

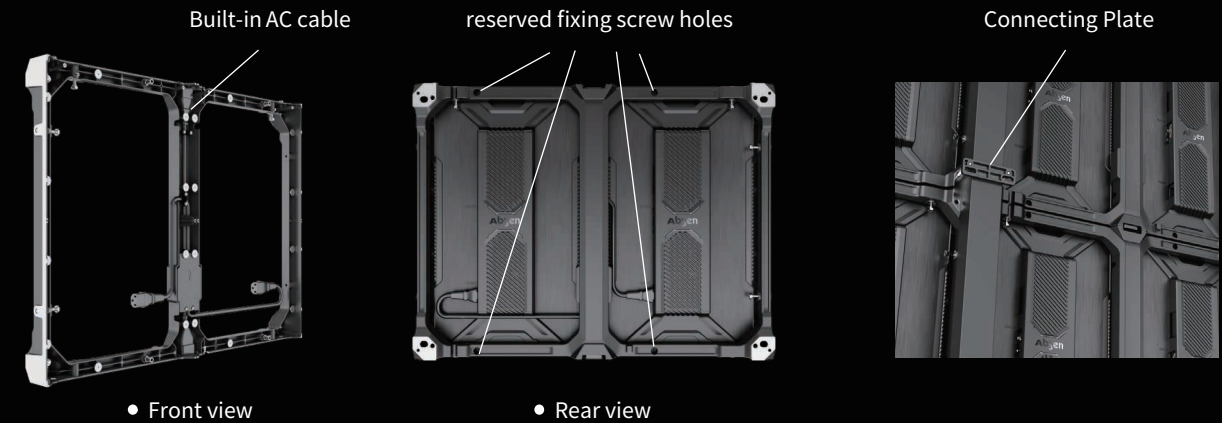


- 100% Compatible with third-party universal steel structure for onsite module assembled led walls

- Optional Safety Rope solution for directly magnetic installation

Die-Cast Aluminum Frame Installation Solution

Effortlessly build large screens with the die-cast aluminum frame, perfect for setups over 30m² in size and over 4m in height. Supports wall-mount, stacking and ceiling installations with enhanced flatness guaranteed.



Standard size: 640*480mm

Built-in AC looping cable Optional 320*480mm, 320*240mm



Directly wall-mount support

Wall-mounting directly without extra mounting accessories

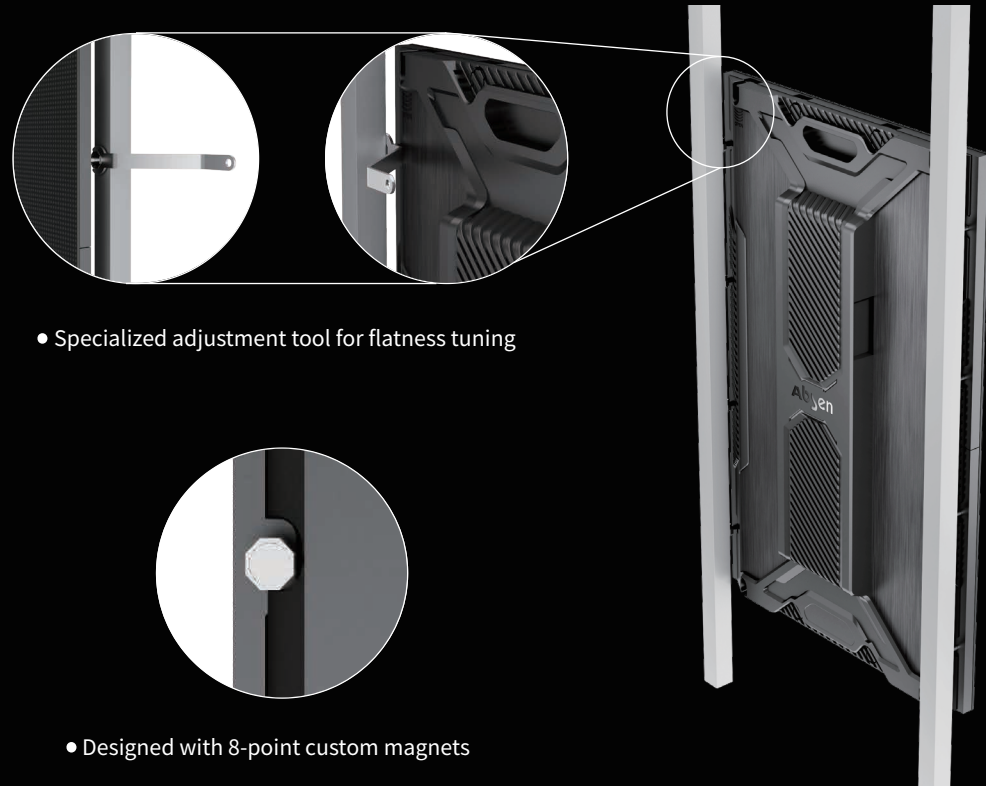


Steel structure installation support

Install the product with frame to square tube profiles with connecting plate

Innovative Flatness Adjustment

Experience unparalleled visual clarity through our precise flatness adjustment, unlocking infinite delicate picture quality.



Full Front Maintenance

By using vacuum maintenance tools, it simplifies front-end maintenance without the need for extra channels, ensuring easy assembly and a user-friendly operation.



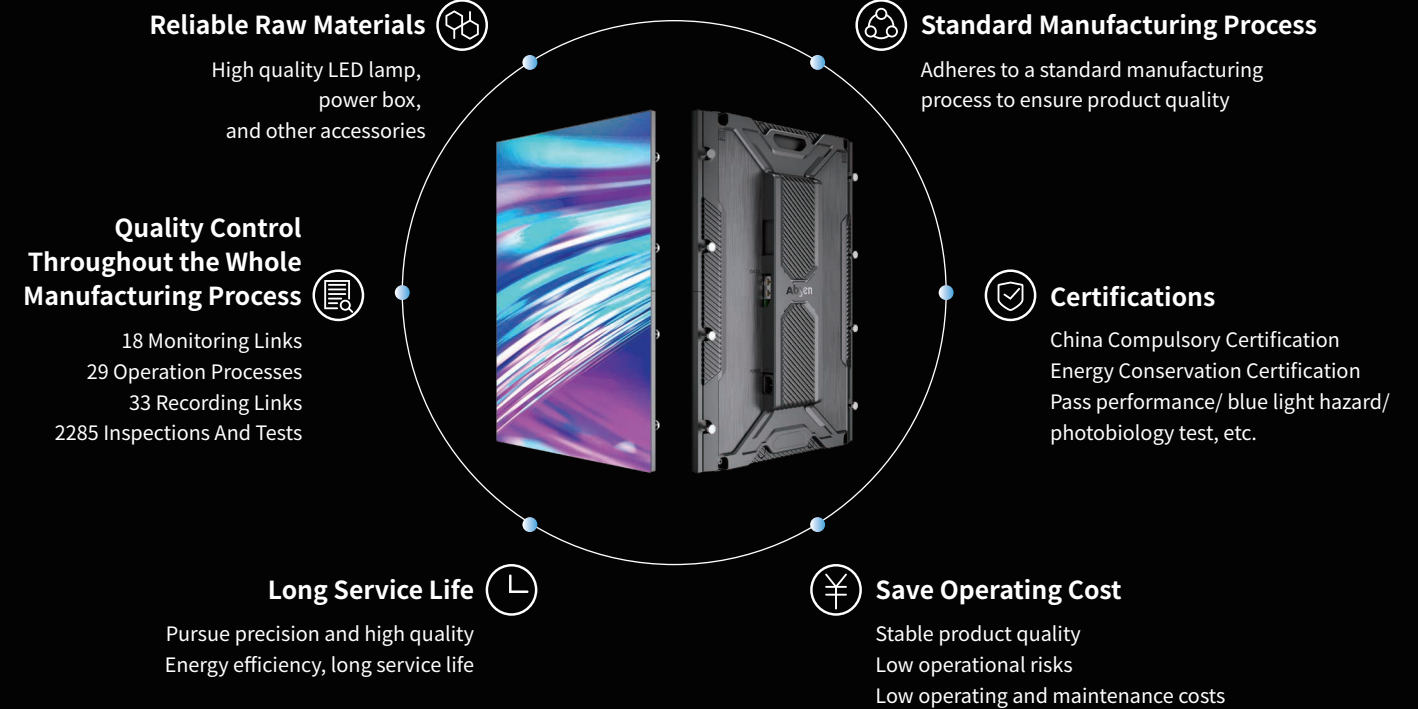
Primary Use Cases of Commercial Displays



- Adapting to a wide range of applications.
- Ideal for township schools, small businesses, and local stores alike.
- Bringing LED displays to every corner of the world!

Safe & Stable

Standard manufacturing process and a number of quality tests ensure safe operation of CPS series.



Professional Service, Exceptional Experience

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

Absen Service Ability

Comprehensive Support

Experience 1 year warranty+ 2nd year FREE extended warranty and optional additional 1-3 years warranty extension, lifetime maintenance, and access to 10+ professional service solutions designed to help you solve any challenges.

Global Coverage

Benefit from a network of 900+ Absen Certified Partners and 5,000+ Engineers, with a global reach covering most markets. Our service network is continuously expanding.

Multiple Service Channels

Providing service via multiple channels such as Hot line, WeChat, WhatsApp, E-mail and official website to quickly take care of service requirements.

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.

AbsenCare Service Solution

AbsenCare, Your Trusted LED Display Service Partner, Always by Your Side.



Worry-Free

Ease your maintenance pressure by 60%.



Hassle-Free

Boost screen efficiency up to 98%.



Cost-Effective

Cut costs by 25%.



Choose from Two Standard Packages to Suit Your Needs

Maintenance Protection Package: preferred choice for VAP partners.
All-round Protection Package: ultimate guarantee for end users.



Six-star standalone services - freely customizable meeting your personalized needs!



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



Scan now for details

Parameters

	Parameters	CPS1.8	CPS2	CPS2.5
Physical Parameter	LED type	Black SMD1515	Black SMD1515	Black SMD2121
	Pixelpitch(mm)	1.86	2	2.5
	Panel dimensions (W*H, mm)	320×480×46.5	320×480×46.5	320×480×46.5
	Panel resolution	172x256	160x240	128x192
	Panelweight(kg)	1.9	1.8	1.8
	Module size (W*H, mm)	320×240		
Optoelectronic Parameter	Brightness (nit)	600	600	600
	Refreshrate(Hz)	3840		
	Grayscale (bit)	13		
	Viewing angle (H/V°)	160/140		
	Power consumption (max./avg., W/m ²)	360/120		
Application Parameter	Storage temperature (°C)	- 40~ + 60		
	Operating temperature (°C)	- 10~ + 40		
	Storage humidity (RH)	10%~85%		
	Operating humidity (RH)	10%~80%		
	IP rating	IP40/IP21		
	Certificate	CCC, FCC, ETL, CE		

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