

Absen AO Series Product introduction

The Global Advertising PDT Team

Premier Low-carbon and Energy-saving LED Display

Absen



A0425/A0625/A0625/A1025



Energy saving

Less than 1 KWH/SQM per day



Long-lasting Stability

10 years warranty



10-second module swap

Power box modular design enables reuse of the cabinet frames



Consistently outstanding display

undisturbed by environment.

Meets diverse outdoor advertising display needs

Application scenarios: Spectacular, Billboard, Transit, Sport, Street Furniture、Digital Sign





Energy saving: Less than 1 KWH/SQM per day

Absen



Less than 1 KWH/SQM per day

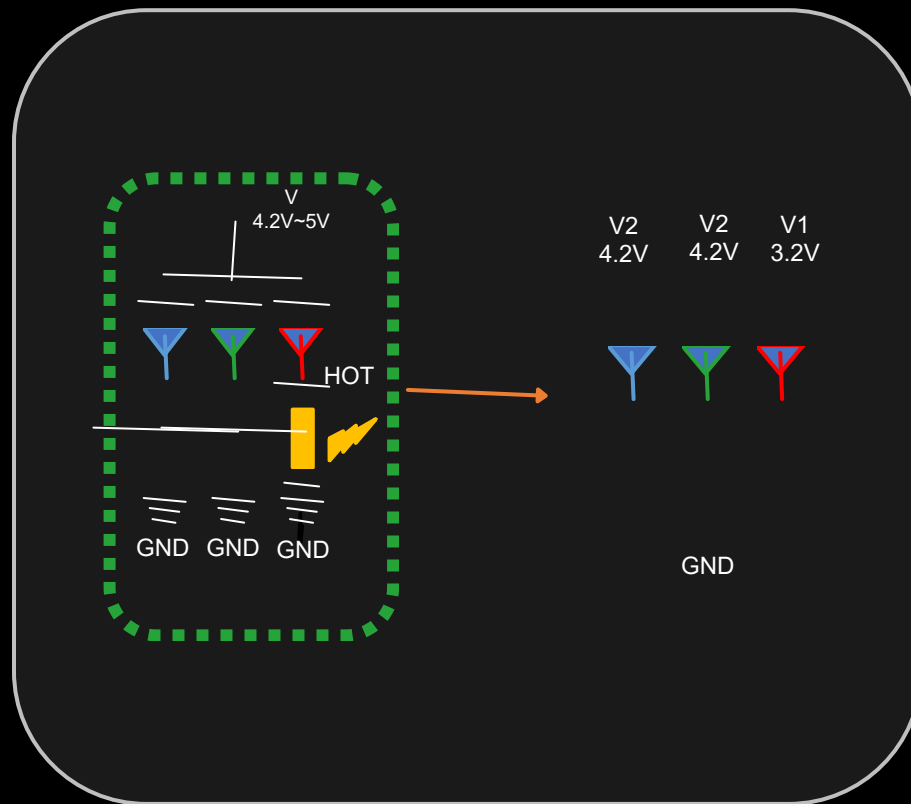
Take 300 sqm screen as example,
in China, over 5 years you **saving**
1.44m RMB (USD 200k)



Energy saving: >50% energy saving

White screen mode

>50%



Dual voltage

Dynamic mode

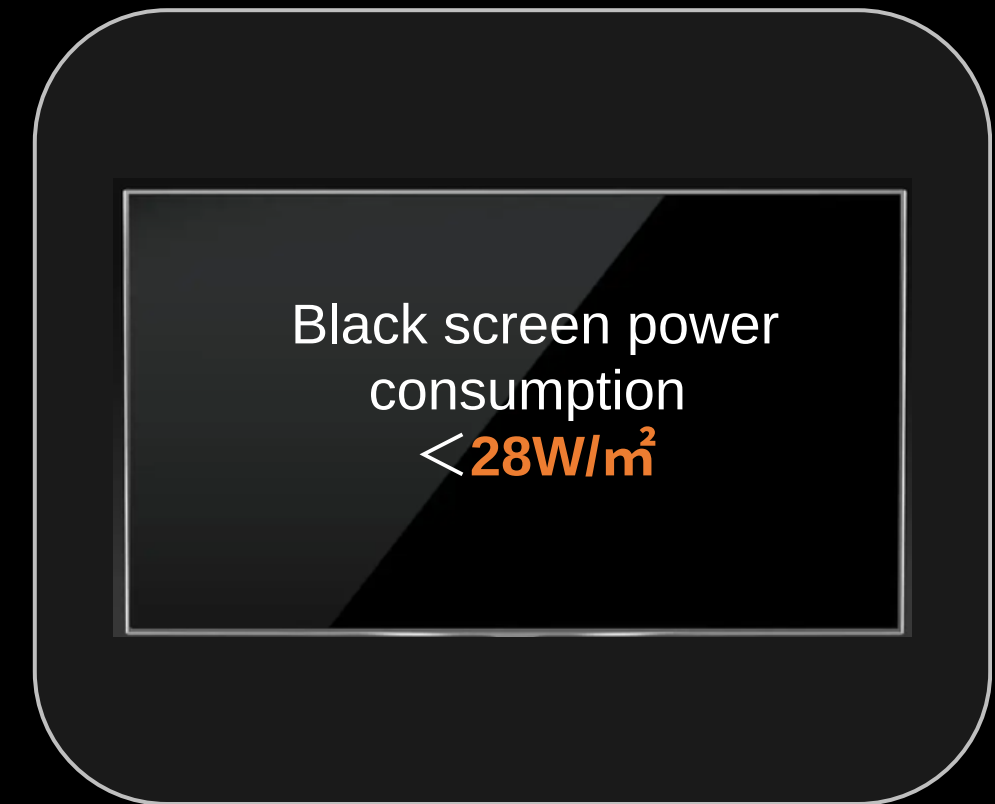
>25%



IDES

Black screen mode

>40%

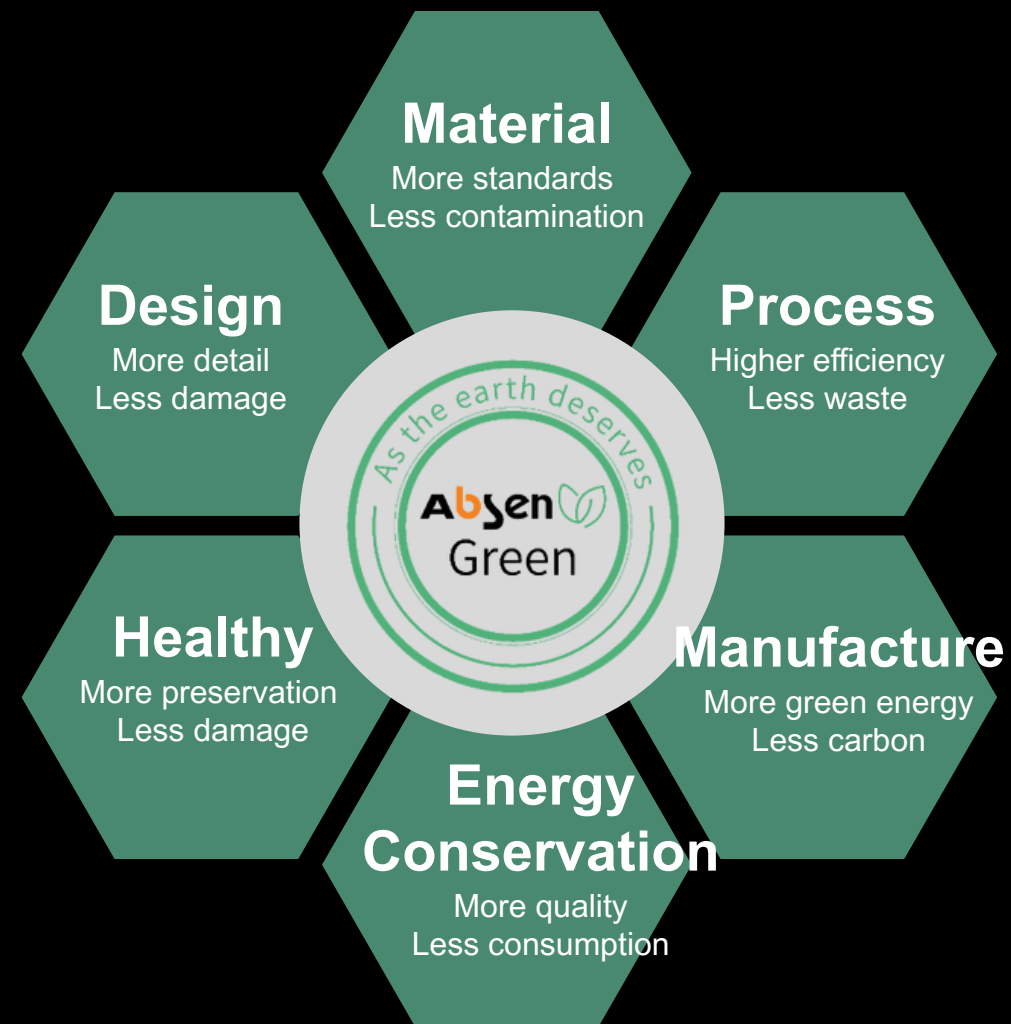


Cut down the power consumption

Energy saving: low-carbon and eco-friendly



- Promote low-carbon and sustainable development through the product carbon footprint verification statement issued by TUV SÜD.



WEEE Directive

A recycling rate of over 85%

RoHS

Comply with the new RoHS 2.0 Directive

Electromagnetic Radiation Shielding

EMC ClassB

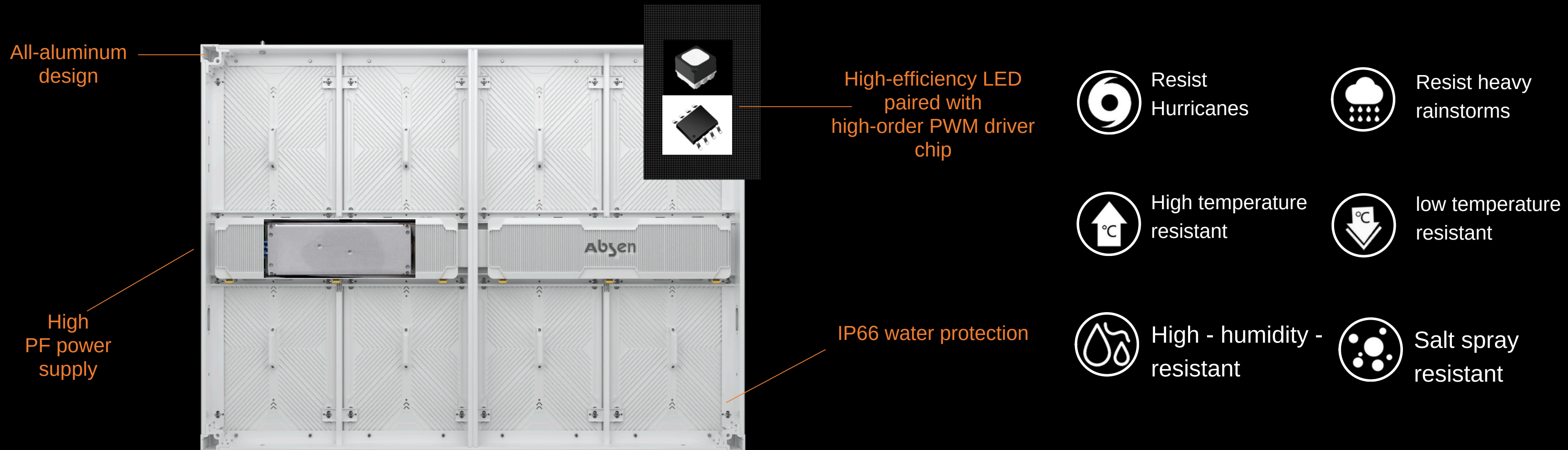
Carbon Footprint

Carbon footprint verification statement

Long-lasting Stability : 10 years warranty

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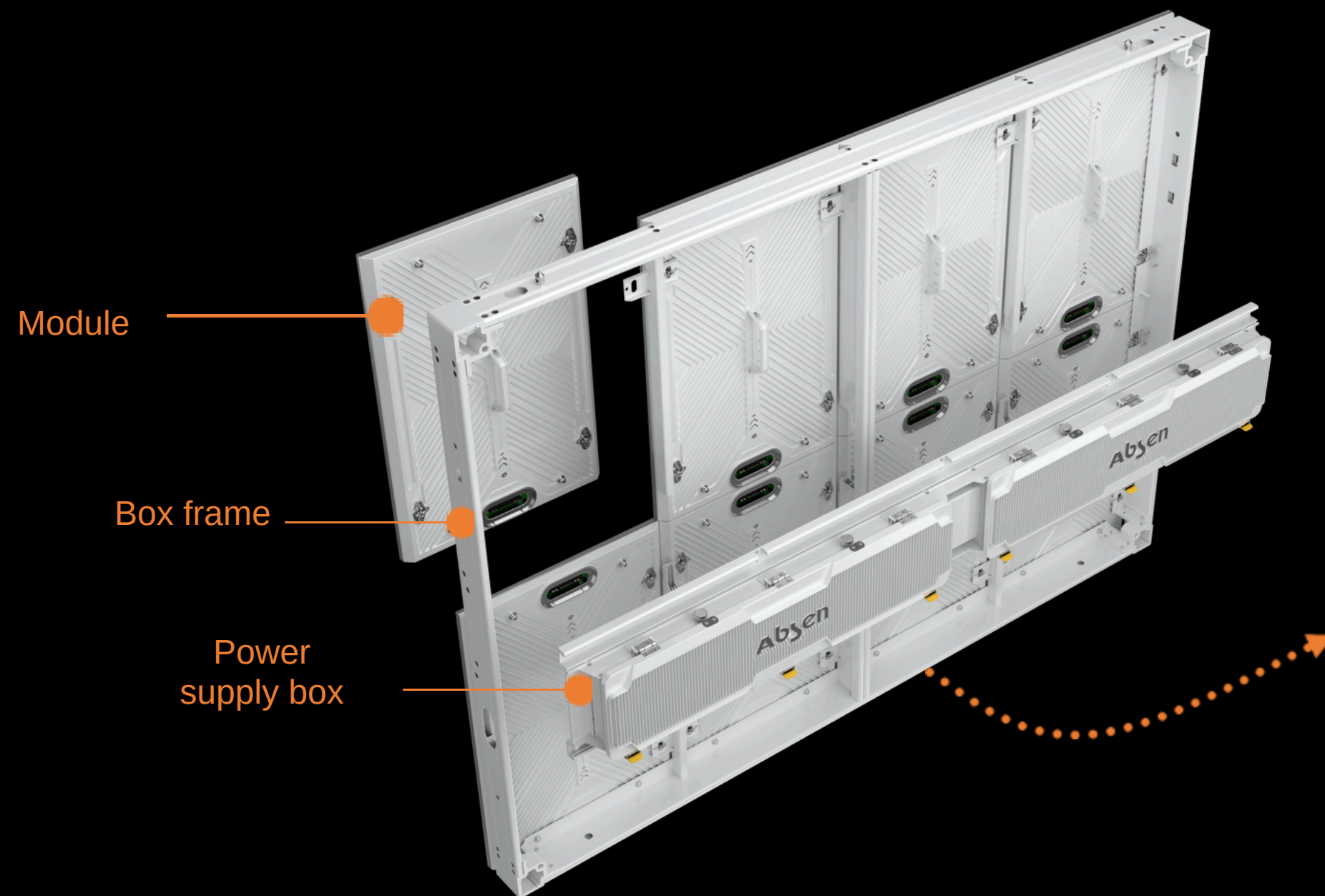
- Premium large-chip high-efficiency **LED + PWM** advanced driver chip, paired with a **high-efficiency power supply**
- Aluminum design, rust-proof, fire-retardant, efficient heat dissipation;
- IP66 protection rating, fully sealed base, five-layer waterproofing at module interfaces



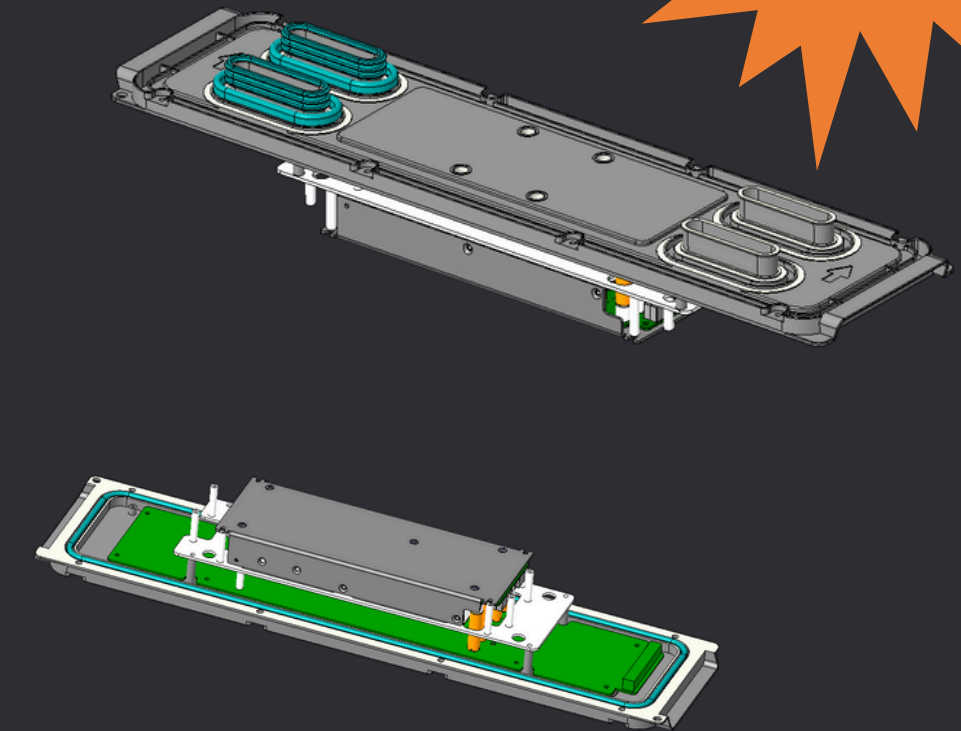
10-second module swap: enables reuse of the cabinet frames



- Reduce cables for a simple and spacious setup, Easily manage and upgrade spare parts modules.
- Quick install/remove, front/back access. 10-second module swap, 1-minute power box replacement.
- No structural or framework changes; extends lifecycle



Industry first



Power supply box installation and maintenance kit
(Power supply box front cover) + HUB + Power supply + Receiver card

Outstanding Display: undisturbed by environment.



15000 nits
High brightness



15000 Hz
High refresh rate



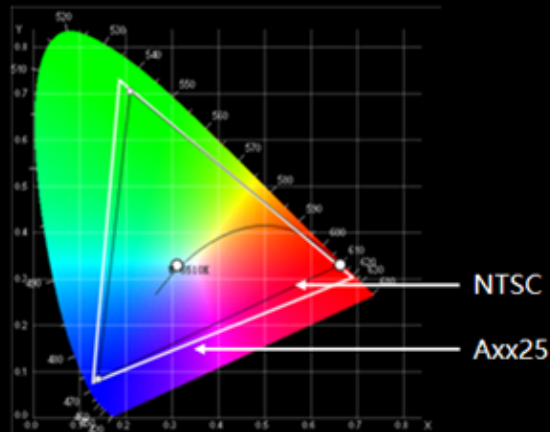
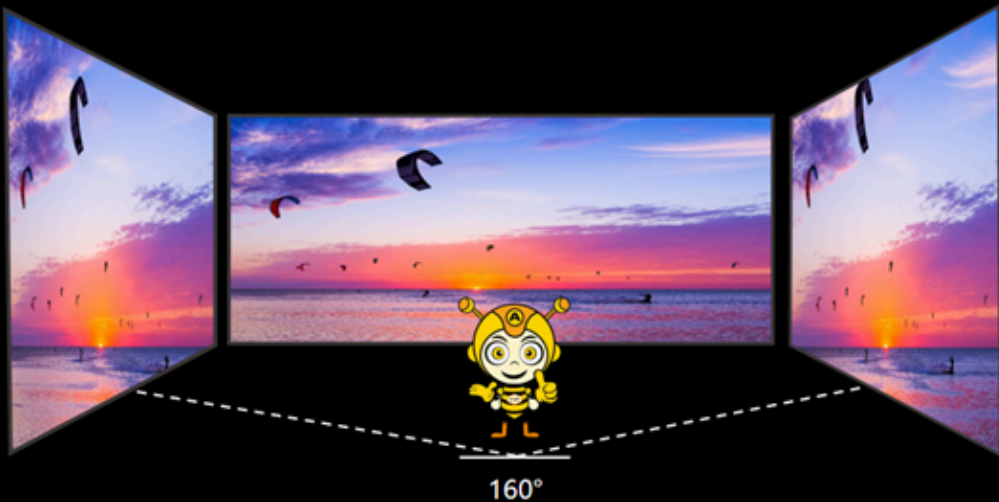
16 bits
High gray scale



17000:1
High contrast



160°
Ultra-wide viewing angle



*The data above are optimal values and subject to the parameter table

Creative shapes: smooth display without jumps

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- Curved corner support, naked-eye 3D video;
- Seamless splicing with smooth picture transitions;
- Customize arc radius and cabinet size according to project needs.



90-degree arc corner



135-degree arc corner



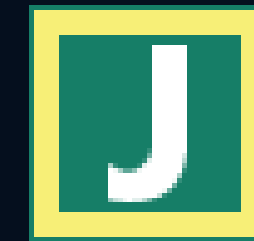
Arc or cylinder

Specifications of Absen AO Series

Product	A0425	A0625	A0825	A1025	Unit
Pixel pitch	4.44	6.66	8	10	mm
LED type	SMD	SMD	SMD	SMD	—
Brightness	7500	7500-10000	7500-10000	7500-10000	NITS
Refresh rate	≥7680	≥7680	≥15000	≥15000	Hz
Grayscale	16	16	16	16	bits
Contrast	6200： 1	(5800-7800)： 1	(10000-14000)： 1	(12000-17000)： 1	—
Power Consumption (Max./Avg)	135/540	112-148 /450-590	110-145 /440-580	110-145 /440-580	W/sq. m
Panel dimensions (WxHxD)	1280x960x82	1280x960x82	1280x960x82	1280x960x82	mm
Panel resolution	288x216	192x144	160x120	128x96	Pixels
Panel material	Aluminum	Aluminum	Aluminum	Aluminum	—
Weight/Panel	35	35	35	35	kg
Maintenance	IP66 / IP66	IP66 / IP66	IP66 / IP66	IP66 / IP66	—
Certification	Rear or Front	Rear or Front	Rear or Front	Rear or Front	—

THANK YOU!

Abesen
Trusted LED Supplier



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WHEN QUALITY MATTERS