Main Parameter Specification

ITEM	P4.4 AL-ES960	P5.7 AL-ES960	P6.67AL-ES960	P8 AL-ES960	P10 AL-ES960
Pixel Composition(SMD)	1921	2727	2727	2727	2727/3535
Pixel Pitch(mm)	4.4	5.7	6.67	8	10
Module Resolution(W×H)	108*72	84*56	72*48	60*40	48*32
Module Size(mm)	480*320*15	480*320*17	480*320*17	480*320*17	480*320*17
Module Weight(Kg)	2				
Module Qty/Cabinet	2*3				
Cabinet Size(mm)	960*960*90	960*960*90	960*960*90	960*960*90	960*960*90
Cabinet Resolution(W×H)	216*216	168*168	144*144	120*120	96*96
Cabinet Area(m²)	0.92	0.92	0.92	0.92	0.92
Cabinet Weight(Kg)	24.5	25	25	25	25
Cabinet Material	Aluminum				
Cabinet Density(dot/m²)	50625	30625	22500	15625	10000
IP Rating	IP66				
Single Dot Brightness Amended	Yes				
Single Dot Color Amended					
White Balance Brightness(cd/m²)	5000-5500	5500	6000	6000	6500
Color Temperature(K)	6500-9000				
Visual Angle(H/V)	140°/120°	140°/120°	140°/120°	140°/120°	140°/120°
Contrast Ratio	8000:01:00	17000：1	17000：1	17000：1	17000：1
The Max Power Consumption(W/m²)	550				
Average Power Consumption(W/m²)	168	180	180	180	180
Input Voltage(V)	110-230				
Maintenance Method	Front and Rear				
Frequency	50&60				
IC Driving(Constant Current)	1/9s	1/7s	1/6s	1/6s	1/2s
Grayscale	It is available within 65536				
Refreshing Ratio(Hz)	3840				
Color Processor	14-16bit				
Lifespan(h)	100000				
Work Temperature/Humidity	-10℃-50℃/10%RH-98% RH (Non Condensing)				
Storage Temperature/Humidity	-20℃-60℃/10%RH-98% RH (Non Condensing)				

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Outdoor Common Cathode Full Color Aluminum Screen

ATOP-AL-ES 960 Series

- High Quality Outdoor Energy Saving LED Display
- 480*320mm Panel Design
- Dual Service with Frontal and Rear Maintenance
- High Protection Aluminum Chassis Panel Design
- IP66 high waterproof level



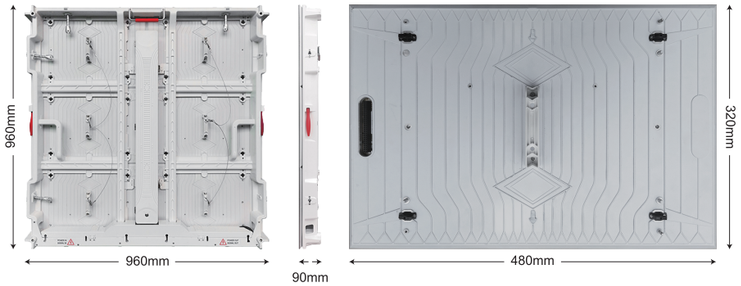
Website: www.atop-led.com

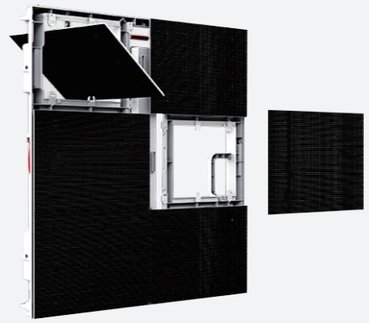
Shenzhen ATOP Led Opto Electronic Co., Limited

ATOP-AL-ES 960 Series

Unique Panel Design

ATOP-AL-ES 960 Series is ATOP latest Common Cathode Aluminum display with size of 960x960mm, high IP66 waterproof level. Unique LED display panel design with 480*320mm led module. Ultra-low heat and power consumption, providing an excellent visual experience.





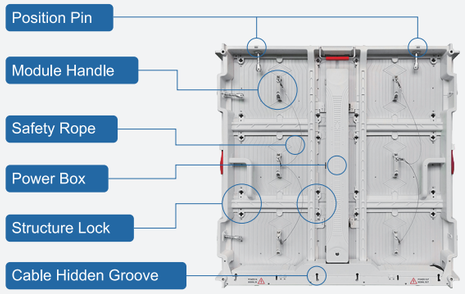
Dual Service with Frontal and Real Maintenance

LED modules, power supplies, and receiving cards all support front or rear maintenance, and can be installed before wall mounting to meet more installation environment requirements. This dual-service mode of front and rear design to save you maintenance costs. The LED panel can be assembled and disassembled easily and quickly.

High Protective Performance

Full waterproof, fully-sealed design and die-casting aluminum module chassis, offering high protecting Rating (front and rear) IP66. Aluminum material LED module, high temperature durability, fast heat-dissipation. The whole product can Reach 5VB fireproofing level.





Structural Hard Link, Wireless Design

The product structure is to adopt hard link, Cable-less design with power and data cables is hidden at the bottom of the panel, its appearance is tidy and beautiful.
Excellent cabinet design with module layout, back cover, location tab, fast lock, module handle, and more.



Naked Eye 3D Project

Supports 90° angle splicing, easily realizing naked eye 3D display effect.

Aluminum Cabinet, Lightweight, Safety and Reliability, No Distortion

ATOP-AL-ES960 series of LED display is to adopt aluminum cabinet, the weight of single cabinet is just 24.5KG, display module is die-casting aluminum material, it is fire resistance, no distortion even it is under the high environmental temperature.



Application Scenario


Shopping Mall


Billboard


Hotel & Corporate


Tourist Attractions