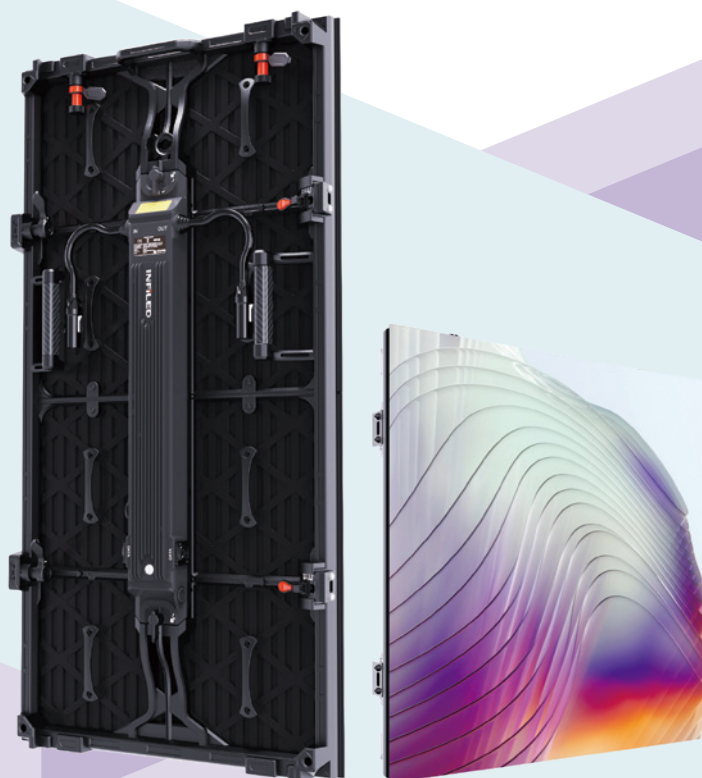


INFILED

Screen your dreams



AP

SERIES

EYE-CATCHING LIGHTWEIGHT LED DISPLAY SOLUTIONS



The AP series is an aesthetically appealing, light-weight LED display. It simplifies the frame structure through a weight-reducing design and weighs only 8.6kg per cabinet, meeting the need for easy transportation and quick installation in the LED display rental market.

This series features wide viewing angles and excellent image quality; besides, its cabinet connection applies INFiLED's patented quick-lock system, allowing installation to be completed in 5 seconds.

Versatile and adaptable, the AP series is ideally suited for stages, studios, retail stores, arenas, airports, playgrounds, and other spaces.

A reliable display solution offering easy installation and exceptional screen quality
Indoor and outdoor applications


Light Weight


Energy-saving


Quick installation


Rental/Fixed

Pixel Pitch	Indoor: 2.5mm, 3.9mm Outdoor: 3.9mm, 4.8mm, 6.9mm, 8.9mm
Brightness	Indoor: 1000nits Outdoor: 5000nits
Cabinet size (WxHxD)	500x1000x82mm



KEY FEATURES

Industrial-style



Designed with symmetric aesthetic structures and carbon fiber texture, the product is great in both shape and texture, a model product of modern industrial aesthetics.

Lightweight

The maximum height of the hanging screen can reach 15m.

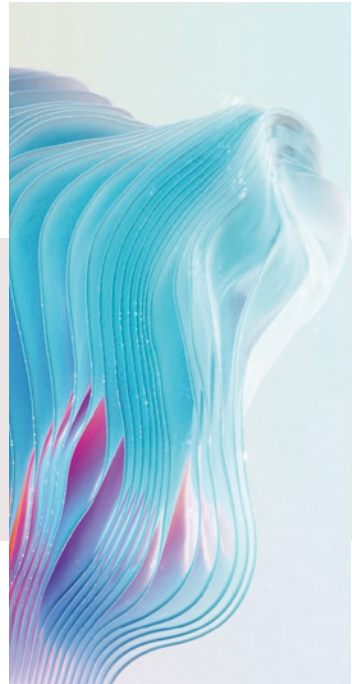


Using a magnesium alloy for the main material, which weighs only 66.7% of that of aluminum alloy. Simplified frame structure with reduced internal wiring, minimizing the weight of the central control system.

High-definition

For indoors, this series' brightness can reach 1000nit, and for outdoors, its brightness is up to 5000nit.

With a refresh rate of up to 7680Hz and a high contrast ratio of 10000:1, it presents superior high-definition imagery under any light conditions.



User-friendly

Modular design with a separate and 5-second quick-detachable central control unit.



The central control unit and LED modules do not require screws for fixing, making it easy for staff to install and disassemble them.

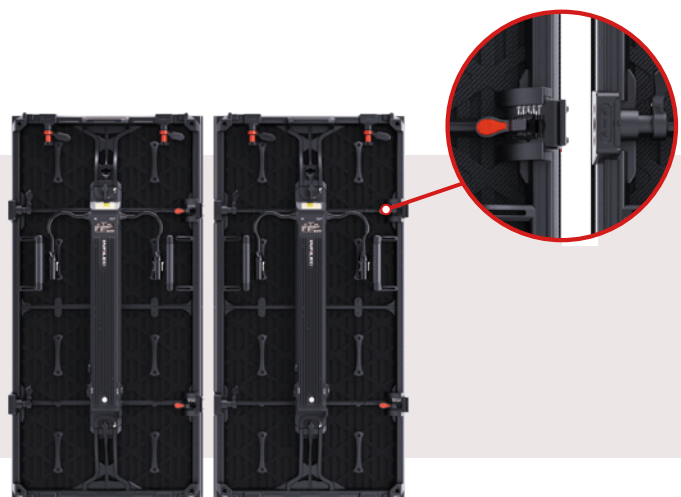
Patented quick lock system, featuring positioning columns and holes to secure the cabinets together.



The system can connect the upper and lower cabinets with high precision, reducing the workload and allowing for quick installation.

Equipped with left and right locks and arc locks to complete the cabinet connection and screen arc adjustment.

Support curved surface adjustment with a total of 9 adjustable angles: $\pm 10^\circ$, $\pm 7.5^\circ$, $\pm 5^\circ$, $\pm 2.5^\circ$, and 0° .



Easy maintenance

The indoor version of this series supports front and rear maintenance. An optional magnetic vacuum tool can be used to quickly remove the LED modules and provide T-locks that are applicable to secure the modules in place.



Energy-efficient

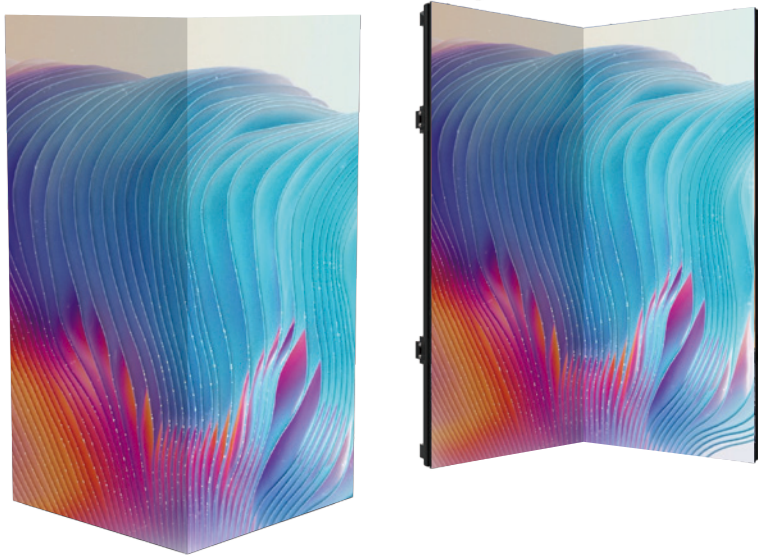
This series increases the number and size of heat dissipation ribs in the structural design and optimizes the radiating of the central control system, which results in a 1.5 times increase in the heat dissipation area compared with conventional products.



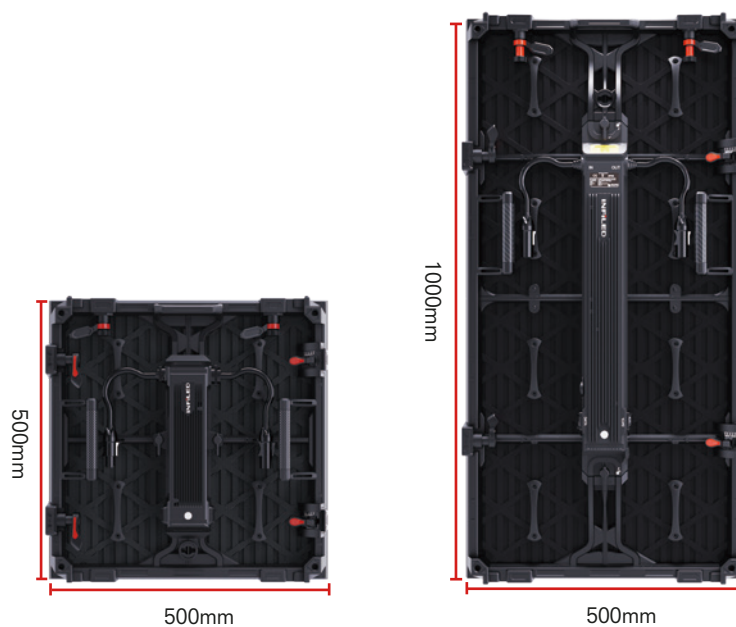
50% improved heat dissipation performance, with a 4.2V energy-saving IC.

Creative

It can be customized to create right-angle and other unique-shaped screens.



Cabinets are available in 500 mm*500 mm and 500 mm*1000 mm sizes, providing possibilities for building screens with various sizes and shapes.



Flexible installation



Can be stacked, with the framework coming with stacking joints.

The hanging height can reach up to 15m while the stacking height can reach up to 10m.



Comes with an all-in-one stacking and hanging system, which is compatible with hanging beams and stacking brackets.

SPECIFICATIONS

Indoor

Model Number	IL-RSS-IRAP2.5	IL-RSS-IRAP3.91
Pixel Pitch	2.5mm	3.91mm
Physical Density	160,000pixels/m ²	65,536pixels/m ²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD
Module Dimensions	250x500mm(9.84×19.69in)	250x500mm(9.84×19.69in)
Module Resolution	100x200pixels	64x128pixels
Cabinet Dimensions	500×1000×82mm (19.69×39.37×3.23in)	500×1000×82mm (19.69×39.37×3.23in)
Cabinet Resolution	200×400pixels	128x256pixels
Cabinet Weight	9.1kg	8.9kg
Brightness	1000nits	1000nits
Max Power Consumption	570w/m ²	570w/m ²
Avg Power Consumption	190w/m ²	190w/m ²
Viewing Angle (horizontal/vertcal)	160°/160°	160°/160°
Operating Power Source	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz
Operating Temperature	-10°C~+45°C	-10°C~+45°C
Refresh Rate	7,680Hz	7,680Hz
IP Rating	IP30	IP30
Signal Input Source	DVI, HDMI, DP,SDI	DVI, HDMI, DP,SDI
Verification	CE, FCC, ETL, ROHS, REACH, WEEE	CE, FCC, ETL, ROHS, REACH, WEEE

Outdoor

Model Number	IL-RSS-ORAP3.91	IL-RSS-ORAP4.8	IL-RSS-ORAP6.9	IL-RSS-ORAP8.9
Pixel Pitch	3.91mm	4.81mm	6.95mm	8.92mm
Physical Density	65,536pixels/m ²	43,264pixels/m ²	20,736pixels/m ²	12,544pixels/m ²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Dimensions	250x500mm(9.84×19.69in)	250x500mm(9.84×19.69in)	250x500mm(9.84×19.69in)	250x500mm(9.84×19.69in)
Module Resolution	64x128pixels	52x104pixels	36x72pixels	28x56pixels
Cabinet Dimensions	500×1000×82mm (19.69×39.37×3.23in)	500×1000×82mm (19.69×39.37×3.23in)	500×1000×82mm (19.69×39.37×3.23in)	500×1000×82mm (19.69×39.37×3.23in)
Cabinet Resolution	128x256pixels	104x208pixels	72×144pixels	56×112pixels
Cabinet Weight	8.7kg	8.7kg	8.7kg	8.7kg
Brightness	5000nits	5000nits	5000nits	4000nits
Max Power Consumption	600w/m ²	600w/m ²	600w/m ²	600w/m ²
Avg Power Consumption	200w/m ²	200w/m ²	200w/m ²	200w/m ²
Viewing Angle (horizontal/vertcal)	160°/140°	160°/130°	160°/110°	160°/100°
Operating Power Source	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz	100-240V AC, 50-60Hz
Operating Temperature	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C
Refresh Rate	7,680Hz	3,840Hz	7,680Hz	3,840Hz
IP Rating	IP65	IP65	IP65	IP65
Signal Input Source	DVI, HDMI, DP,SDI	DVI, HDMI, DP,SDI	DVI, HDMI, DP,SDI	DVI, HDMI, DP,SDI
Verification	CE, FCC, ETL, ROHS, REACH, WEEE	CE, FCC, ETL, ROHS, REACH, WEEE	CE, FCC, ETL, ROHS, REACH, WEEE	CE, FCC, ETL, ROHS, REACH, WEEE

The product specifications can be customized



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