INFiLED

Screen your dreams

RS

SERIES

Lightweight screens for rental

STAGE | EXHIBITION | DOOH

THE PINNACLE OF LIGHTWEIGHT DESIGN & TECH INTEGRATION IS NOW AVAILABLE.

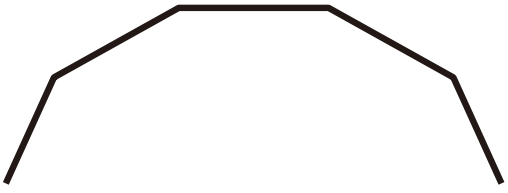
The RS series cabinets in standard size are no more than 8.9kg in weight, making them 25-35% lighter than similar cabinets in the industry. These cabinets are offered in sizes of 500*500mm and 500*1000mm and are equipped with a flexible curve adjustment system. Furthermore, they showcase exceptional compatibility with other INFiLED products, allowing for the effortless creation of multiple attractive shaped screens for various applications.

- **Standard Flat Screen**

  Ideal for conventional setups, guaranteeing a superior display quality.

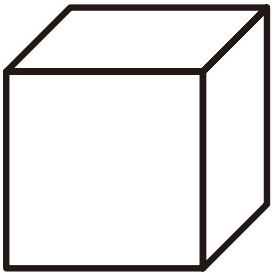
- **Flexible Curve Adjustment**

  This feature facilitates the easy customization of the screen curvature. It offers the capability to adjust the curved surface across nine different angles, which include ±10°, ±7.5°, ±5°, ±2.5°, and 0°.



- **Cubic Screen Setup**

  The RS series and MagCube series cabinets can be assembled together to create a visually striking cube display.

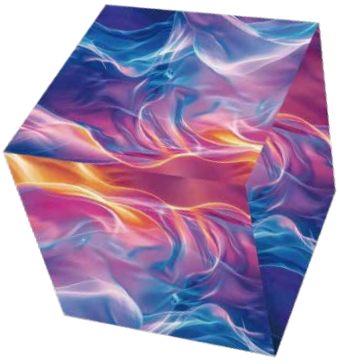


- **Creative Screen Installation**

  By combining with Xmk3 cabinets, a larger curvature screen can be created, with the curvature reaching up to ±45°. This allows for a more flexible design of the screen.

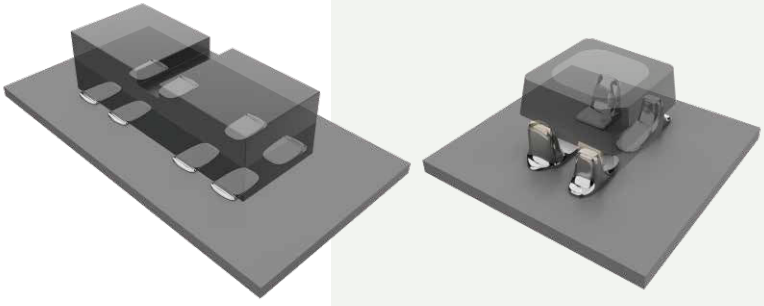
FLEXIBILITY AND DEPENDABILITY

Regardless of the scale or complexity of your rental installation, our screens deliver an outstanding visual experience.



STRONGER, COOLER, STEADIER.
EXPERIENCE THE POWER OF TECHNOLOGY.

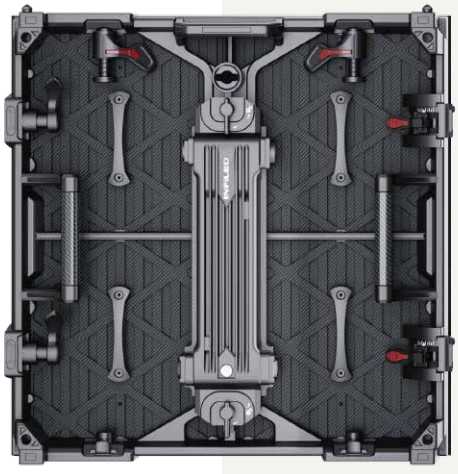
The RS series ultra-version product demonstrates exceptional operational efficiency and features proprietary advancements in the field of innovation created by INFiLED, including ArmorLED, CBSF, and ColdLED technology.



8-pin design **Conventional 4-pin design**

- **Stronger - ArmorLED Technology**

  The 8-pin LED configuration, combined with the sophisticated PCB layout and GOE craft, leads to a 4 to 10-fold improvement in LED adhesion and impact resistance. As a result, the LED panels are less likely to be damaged during transportation or use.



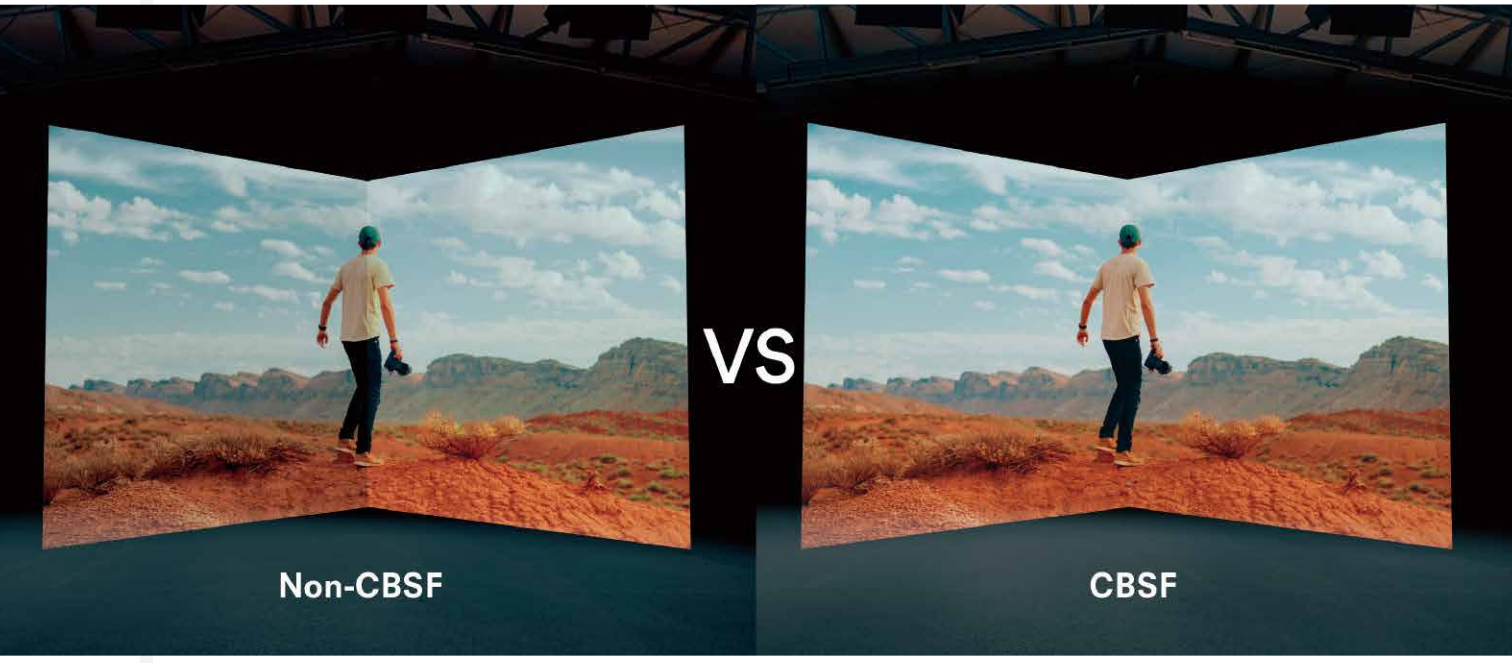
- **Cooler - ColdLED Technology**

  Featuring inverted LED packaging, increased luminous efficiency, an energy-efficient IC driver, and meticulous power distribution design, ColdLED optimizes heat dissipation.

  - Ensures premium quality while significantly reducing power consumption.
  - Offers an immersive direct LED screen viewing and touch experience.
  - Enhances LED thermal patterns to elevate picture quality and ensure a more dependable product lifespan.

◆ Steadier - CBSF Technology

CBSF (Color & Brightness Shift Free) technology provides consistent and stable color temperature across a wide 160-degree viewing angle. The innovative M2 chip with Chip-type LED five-sided emitting capability is free from reflective spots or moiré patterns, ensuring a color shift-free display. This allows vibrant and accurate colors to be presented in all conditions.



◆ The Ultra Version

Featuring a powerful combination of the three cutting-edge technologies:

- Stronger with ArmorLED
- Cooler with ColdLED Technology
- Steadier with CBSF Technology

A SMART SYSTEM BUILT FOR QUICK SETUP AND EASY MAINTENANCE.

Explore the unique characteristics that set our product apart from others, delivering unparalleled performance and flexibility.

- **Installation**
  - Applies a patented quick lock system, featuring positioning columns and holes to secure the cabinets together.

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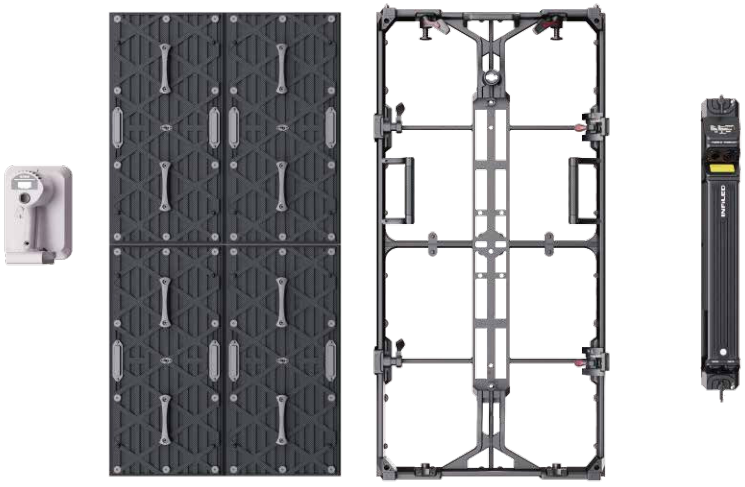
  - The system can connect the upper and lower cabinets with high precision, reducing the workload and allowing for quick installation.

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

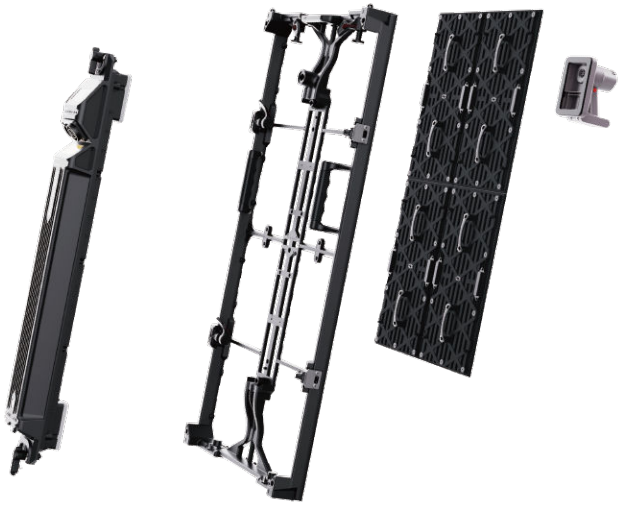
◆ Maintenance

- Separate and 5-second quick-detachable PDU. No tools are needed to remove and replace the PDU central control unit, making it easy to maintain.



- This series of indoor LED display screens supports front and rear maintenance.

- A magnetic vacuum tool (optional) is available for quick removal of faulty LED modules.



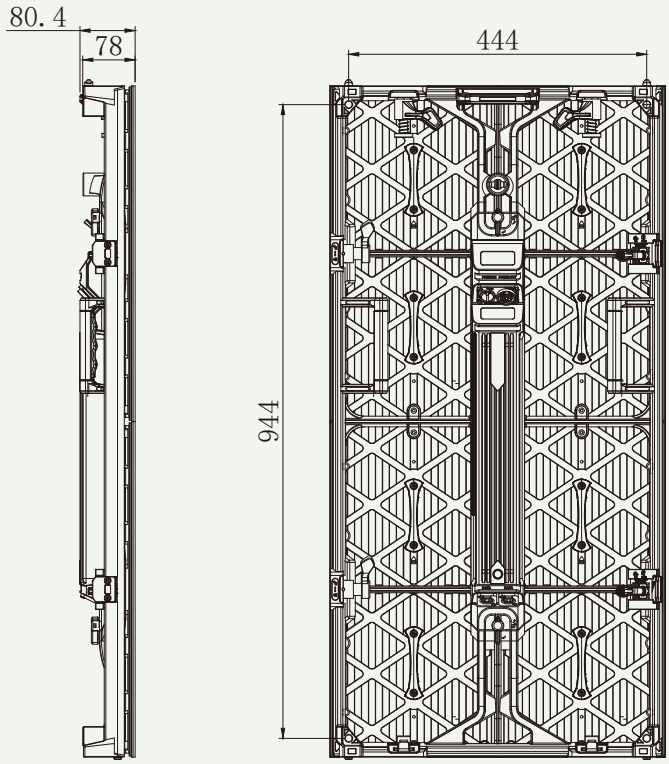
◆ **Flexibility**

- The product is designed to be stackable and is compatible with the DBmk2 stacking system, featuring stacking joints.

- The cabinets can be installed with stacking brackets and hanging beams commonly used in event spaces.

- Can be hanged, with a hanging height of up to 15 meters (under a 10 times safety factor).

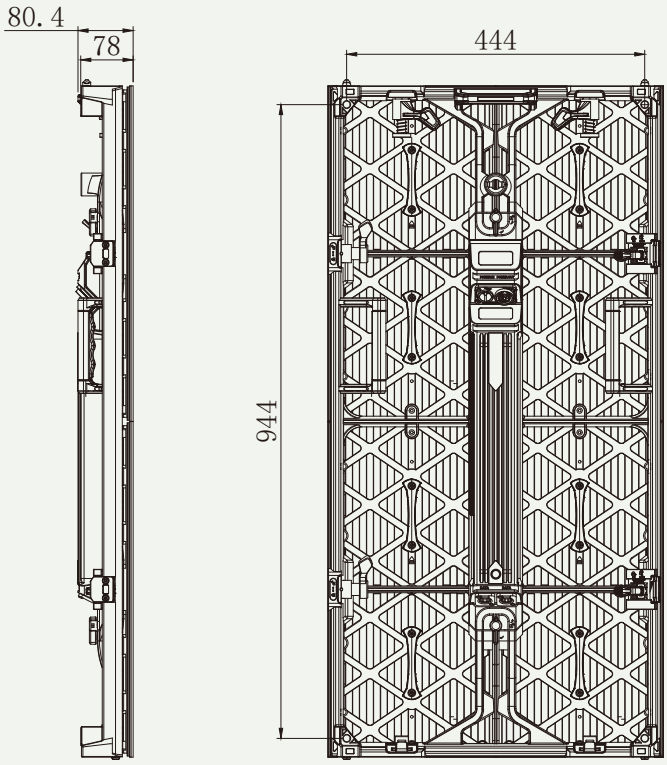
SPECIFICATIONS



Indoor

General Information	Model Number	IL-RSS-IRRS2.5 Ultra	IL-RSS-IRRS2.5 Ultra-mini
	Pixel Pitch	2.5mm	2.5mm
Physical Parameter	Physical Density	160,000pixels/m²	160,000pixels/m²
	LED Arrangement	IMD 2 in 1	IMD 2 in 1
	Module Resolution (W x H)	100x200pixels	100x200pixels
	Module Dimensions (W x H, mm)	250x500mm(9.84x19.69in)	250x500mm(9.84x19.69in)
	Cabinet Resolution	200x400pixels	200x200pixels
	Cabinet Dimensions (mm/inch)	500x1000x81mm(19.69x39.37x3.19in)	500x500x81mm(19.69x19.69x3.19in)
	Cabinet Weight (Unit case)	8.90kg(19.621b)	5.70kg(12.57lb)
Optical Parameter	Brightness (After Calibration)	1,200nits	1,200nits
	Viewing Angle	160°/160°	160°/160°
Power Supply	Max. Power Consumption(W/Unit)	270W/Panel	135W/Panel
	Avg. Power Consumption(W/Unit)	90W/Panel	45W/Panel
	Operating Power Source	100-240V AC,50-60Hz	100-240V AC,50-60Hz
Control System	Refresh Rate	7,680Hz	7,680Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10°C~+45°C	-10°C~+45°C
	IP Rating (Front/Rear)	IP30	IP30
	Certification	(CE, FCC, ETL,ROHS,REACH, WEEE) in process	(CE, FCC, ETL,ROHS,REACH, WEEE) in process

The product specifications can be customized.



Outdoor

General Information	Model Number	IL-RSS-ORRS3.91 Ultra	IL-RSS-ORRS3.91 Ultra-mini
	Pixel Pitch	3.91mm	3.91mm
Physical Parameter	Physical Density	65,536pixels/m²	65,536pixels/m²
	LED Arrangement	3IN 1SMD	3IN 1SMD
	Module Resolution (W x H)	64x128pixels	64x128pixels
	Module Dimensions (W x H, mm)	250x500mm(9.84x19.69in)	250x500mm(9.84x19.69in)
	Cabinet Resolution	128x256pixels	128x128pixels
	Cabinet Dimensions (mm/inch)	500x1000x81mm(19.69x39.37x3.19in)	500x500x81mm(19.69x19.69x3.19in)
	Cabinet Weight (Unit case)	8.85kg(19.511b)	5.65Kg(12.46lb)
Optical Parameter	Brightness (After Calibration)	5,000nits	5,000nits
	Viewing Angle	160°/140°	160°/140°
Power Supply	Max. Power Consumption(W/Unit)	320W/Panel	160W/Panel
	Avg. Power Consumption(W/Unit)	107W/Panel	54W/Panel
	Operating Power Source	100-240V AC,50-60Hz	100-240V AC,50-60Hz
Control System	Refresh Rate	7,680Hz	7,680Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-20°C~+50°C	-20°C~+50°C
	IP Rating (Front/Rear)	IP65	IP65
	Certification	(CE, FCC, ETL,ROHS,REACH, WEEE) in process	(CE, FCC, ETL,ROHS,REACH, WEEE) in process

The product specifications can be customized.

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