

RS Series

Rotating LED Display---Indoor P2.5, P3, P4 and Outdoor P5, P6.67, P8



3D Rotation



Triangular Prism Shaped Display



14bits~22bits



Amazing Display Capability



100,000h Lifespan



≥3840Hz-7680Hz

Standard Configuration:

- 3-sided sub-screens, offering multi-angle visibility;
- User-friendly control system, allowing for customized rotation and content;
- Multiple sizes available, with a minimum base height of 50cm.





Polyhedral LED Screen & 360° Rotational Display

The product adopts a splicing structure of polyhedral LED screens, enabling 360-degree rotational display of images, with a flexible rotation effect similar to a magic cube. RS series breaks the limitation of traditional single-sided screens, allowing audiences to view clear and complete content from any angle—whether in shopping malls, exhibition halls, or outdoor squares, it can effectively capture the attention of passers-by and maximize information dissemination efficiency.

Linkage Between Images & Rotation, with Rich Creative Possibilities

The displayed images are closely linked to the screen's rotation actions, and a variety of creative application methods are waiting to be explored.





Strong Customization Capabilities for Diverse Needs

The product boasts strong customization capabilities—users can customize the style of the base and top box, as well as the number of polyhedral LED screens, according to their actual needs.

Self-Developed OS for Flexible & Multi-Terminal Control

The product is equipped with a self-developed operating system, which supports custom setting of rotation actions and is compatible with control via computers, mobile phones, and tablets.





Excellent HD Display Performance for Multi-Scenario Adaptation

The product delivers excellent high-definition display performance, supports multi-resolution adaptation, can accurately restore the color and details of images, and is suitable for visual needs in multiple scenarios such as advertising promotion and exhibition display.

Applications:

- Indoor:

- Large Waiting Hall
- Airport
- Shopping Mall
- Museum

- Outdoor:

- Roadside Advertising Billboard



Item	P2.5-indoor	P3-indoor	P4-indoor	P4-indoor
Overall Height (Includes base and top box.)	2.0m	5.0m	6.0m	7.0m
Total LED Screen Area	3.46m ²	9.22m ²	19.36m ²	33.18m ²
Module Size	160mm×160mm	320mm×160mm	320mm×160mm	320mm×160mm
Module Resolution	64dots×64dots	104dots×52dots	80dots×40dots	80dots×40dots
Single Screen Size	800mm×480mm	1280mm×800mm	1920mm×1120mm	2560mm×1440mm
Single Screen Resolution	320dots×192dots	416dots×260dots	480dots×280dots	640dots×360dots
Full screen Size	2.4m×1.44m	3.84m×2.4m	5.76m×3.36m	7.68m×4.32m
Full screen Resolution	960dots×576dots	1248dots×780dots	1440dots×840dots	1920dots×1080dots
Brightness	≥600nits	≥600nits	≥600nits	≥600nits
Refresh Rate	3840Hz~7680Hz	3840Hz~7680Hz	3840Hz~7680Hz	3840Hz~7680Hz
Gray Scale	14~16bits	14~16bits	14~16bits	14~16bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Screen Lifespan	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours
Maximum Power Consumption	2.2 kw	10.0 kw	18.5 kw	29.0 kw
Average Power Consumption	0.88 kw	4.0 kw	7.4 kw	11.6 kw
Input Voltage	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz
Screen Material	Iron	Iron	Iron	Iron
Screen Weight	300 kg	1500 kg	2100 kg	4200 kg
Footprint	0.3m ²	0.7m ²	1.6m ²	2.8m ²

Item	P5-outdoor	P5-outdoor	P6.67-outdoor	P6.67-outdoor
Overall Height (Includes base and top box.)	6.3m	6.7m	7.3m	7.7m
Total LED Screen Area	19.4m ²	25.8m ²	33.2m ²	41.5m ²
Module Size	320mm×160mm	320mm×160mm	320mm×160mm	320mm×160mm
Module Resolution	64dots×32dots	64dots×32dots	48dots×24dots	48dots×24dots
Single Screen Size	1920mm×1120mm	2240mm×1280mm	2560mm×1440mm	2880mm×1600mm
Single Screen Resolution	384dots×224dots	448dots×256dots	384dots×216dots	432dots×240dots
Full screen Size	5.76m×3.36m	6.72m×3.84m	7.68m×4.32m	8.64m×4.8m
Full screen Resolution	1152dots×672dots	1344dots×768dots	1152dots×648dots	1296dots×720dots
Brightness	4500~6000nits	4500~6000nits	4500~6000nits	4500~6000nits
Refresh Rate	3840Hz~7680Hz	3840Hz~7680Hz	3840Hz~7680Hz	3840Hz~7680Hz
Gray Scale	14~16bits	14~16bits	14~16bits	14~16bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160
Screen Lifespan	≥100,000 hours	≥100,000 hours	≥100,000 hours	≥100,000 hours
Maximum Power Consumption	29 kw	36 kw	44 kw	53 kw
Average Power Consumption	11.4 kw	15 kw	18 kw	22 kw
Input Voltage	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz
Screen Material	Iron	Iron	Iron	Iron
Screen Weight	2100kg	3000kg	4200kg	5000kg
Footprint	1.6m ²	2.2m ²	2.8m ²	3.6m ²

Item	P6.67-outdoor	P6.67-outdoor	P8-outdoor
Overall Height (Includes base and top box.)	8.2m	10.5m	12.5m
Total LED Screen Area	51m ²	90m ²	132.7m ²
Module Size	320mm×160mm	320mm×160mm	320mm×160mm
Module Resolution	48dots×24dots	48dots×24dots	40dots×20dots
Single Screen Size	3200mm×1760mm	4160mm×2400mm	5120mm×2800mm
Single Screen Resolution	480dots×264dots	624dots×360dots	624dots×360dots
Full screen Size	9.6m×5.28m	12.48m×7.2m	15.36m×8.64m
Full screen Resolution	1440dots×792dots	1872dots×1080dots	1920dots×1080dots
Brightness	4500~6000nits	4500~6000nits	4500~6000nits
Refresh Rate	3840Hz~7680Hz	3840Hz~7680Hz	3840Hz~7680Hz
Gray Scale	14~16bits	14~16bits	14~16bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Screen Lifespan	≥100,000 hours	≥100,000 hours	≥100,000 hours
Maximum Power Consumption	63kw	120kw	178kw
Average Power Consumption	25kw	48kw	72kw
Input Voltage	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz	AC100V - AC240V @ 50Hz/60Hz
Screen Material	Iron	Iron	Iron
Screen Weight	6200kg	8600kg	11000kg
Footprint	4.4m ²	7.4m ²	11m ²