

Elevate Your Stage Visual Experience

R5 Rental LED Display



KENSUN

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Main Tech Specs

≥3500 nits
High brightness

IP65
Weatherproof

Front & rear
Convenient service

16 bit
High gray scale

0.01mm
Perfect flatness

50mm
Thin cabinet

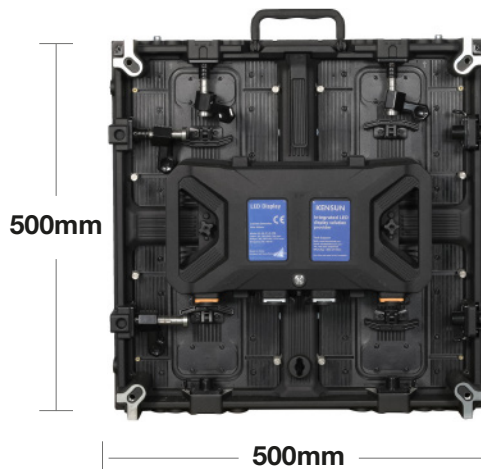
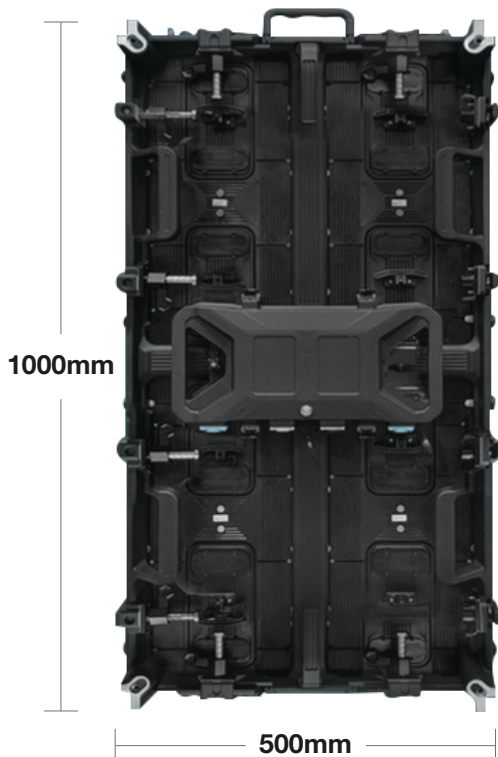
7.5 KG
Light cabinet

3840 Hz
High refresh rate

R5 outdoor high brightness rental LED display

The R5 rental LED display revolutionizes event visuals with its lightweight design and exceptional image quality. Weighing only 7.5kg per cabinet and measuring 50mm thick, it offers unparalleled portability without compromising

on performance. With a maximum brightness of 3500 nits and a refresh rate of up to 3840Hz, it delivers vibrant and captivating visuals that command attention.



2 size options

Offering flexibility in size, the R5 display is available in two cabinet options: 500mm by 500mm and 500mm by 1000mm, allowing for customizable screen configurations to suit different event requirements.



High ingress protection

Built to withstand challenging conditions, the display has an IP65 ingress protection rating, ensuring reliable operation even in outdoor environments with exposure to dust, water, and other demanding environments.



50mm
cabinet thickness

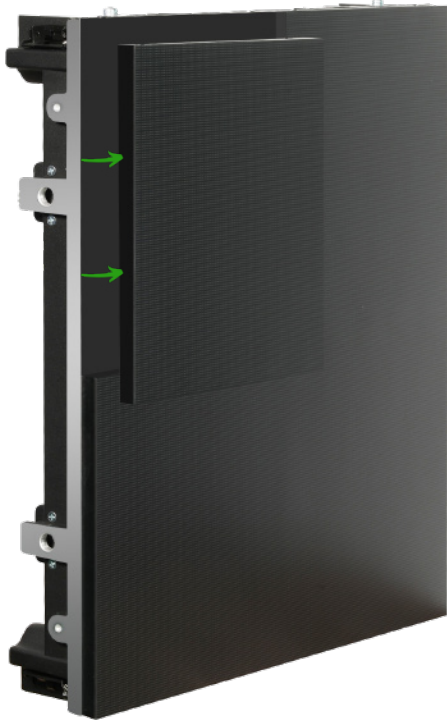
30kg
per square meter

Compact structure, lightweight and thin

The R5 rental LED display features a slim and lightweight architecture, weighing only 30kg per square meter and measuring 50mm thick, providing easy handling and transportation.

Front and rear access design

Designed for convenience, the R5 display offers easy maintenance as modules and controllers can be accessed from both the front and rear, simplifying troubleshooting and servicing.



3500 nits
Brightness

3840 Hz
Refresh rate

True-to-life image quality

With a maximum brightness of up to 3500 nits and a refresh rate of up to 3840Hz, it delivers exceptional image quality with vivid and true-to-life visuals.

Surface treatment protection technology

It adds a resinous material layer to the surface of the LED module. This removes the need for a typical mask as found on traditional LED design and adds impact and environmental protection.

It offers higher viewing angles, better contrast and up to IP65 waterproof and dustproof rating. The STP layer has a high impact resistance and is suitable for use in environments where balls and other objects may impact the screen.



Tech Specs

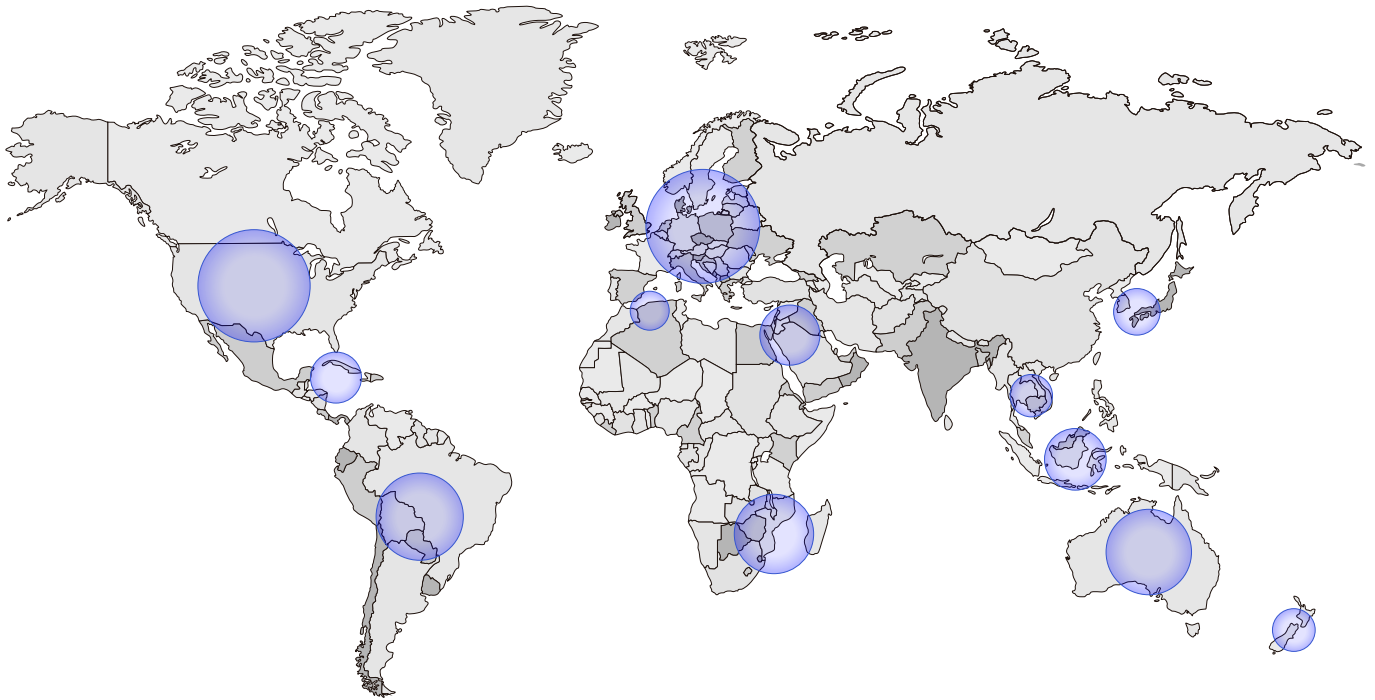
Specs listed below are test results from Kensun's laboratory based on R5 standard LED display, we may modify it without prior notification, you are welcome to inquiry us for more customized solutions.

Items	1.95mm	2.6mm	2.97mm	3.91mm
Diode				
LED type	COB SMD	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Pixel density (pixel/m ²)	262144	147456	112896	65536
Viewing angle(°)	H170 / V170	H160 / V160	H160 / V160	H160 / V160
Module				
Dimension (W×H×D mm)	250 x250	250 x 250	250 x 250	250 x 250
Resolution (W×H pixel)	128 x 128	96 x 96	84 x 84	64 x 64
Cabinet				
Material	Dia-cast aluminum	Dia-cast aluminum	Dia-cast aluminum	Dia-cast aluminum
Weight (kg/m ²)	30	30	30	30
Dimension (W×H×D mm)	500 x 500 x 50	500 x 500 x 50	500 x 500 x 50	500 x 500 x 50
Resolution (W×H pixel)	256 x 256	192 x 192	168 x 168	128 x 128
Ingress protection	IP65	IP65	IP65	IP65
Access	Front / rear	Front / rear	Front / rear	Front / rear
Signal & power				
Input signal	DVI, DP, HDMI, ect.	DVI, DP, HDMI, ect.	DVI, DP, HDMI, ect.	DVI, DP, HDMI, ect.
Input power (V)	AC100~240	AC100~240	AC100~240	AC100~240
Avg. power (W/m ²)	250	250	250	250
Max. power (W/m ²)	650	650	650	650
Performance				
Scan (S)	1/21	1/32	1/28	1/16
Contrast ratio	≥3000:1	≥3000:1	≥3000:1	≥3000:1
Gray scale (bit)	16	16	16	16
Brightness (nits)	≥3000	≥3000	≥3500	≥3500
Refresh rate (Hz)	≥3840	≥3840	≥3840	≥3840
Colour temperature (k)	6500-8500	6500-8500	6500-8500	6500-8500
Lifespan (hour)	100000	100000	100000	100000
Application				
Working environment	Outdoor	Outdoor	Outdoor	Outdoor
Working temperature (°C)	-20~60	-20~60	-20~60	-20~60
Storage temperature (°C)	-40~80	-40~80	-40~80	-30~80
Working humidity (%)	10~95	10~95	10~95	10~95
Storage humidity (%)	10~95	10~95	10~95	10~95



KENSUN

Countries or regions we have introduced our products to



Canada
America
Mexico
Brazil
Argentina
Colombia

Netherlands
Germany
France
Britain
Italy
Britain

Nigeria
Egypt
Kenya
Madagascar
South Africa

Japan
South Korea
Philippines
Sri Lanka
Indonesia
Thailand

Fiji
Australia
New Zealand

