

BAITRONICS LR Series

Features

- The flexibility and diversity of the LR series can support the selection of 500 * 500 and 500 * 1000, and the two types of LED Cabinet can be freely spliced and working.
- BAITRONICS has designed a unique HUB-CARD to achieve wireless connectivity, with power and signal integrated into a control box that can be separated from the LED Cabinet, providing customers with extremely convenient maintenance and installation. Simple and convenient.
- Customers can choose front and rear maintenance of LED modules based on their LED screen usage habits and installation methods. Generally, the Rear maintenance LED modules are fixed with stainless steel screws, which takes longer to disassemble. Currently, Front maintenance takes nickel plated anti rust magnets, which are very convenient for disassembly and replacement.
- PWM+DES Function for high Refresh rate& Grayscale,and Lower Heat Generating to Protect electronics components and more power energy Saving.
- The LR series also supports both inner and outer curved designs. According to customer needs, the LR series can offer options of 0 degrees, -/+5 degrees, -/+10 degrees, and -/+15 degrees.
- Due to its excellent waterproof design, the LR series can be used for outdoor fixed installation as an advertising screen, LED cabinet Front & Rear Side can reach a waterproof level of IP65.



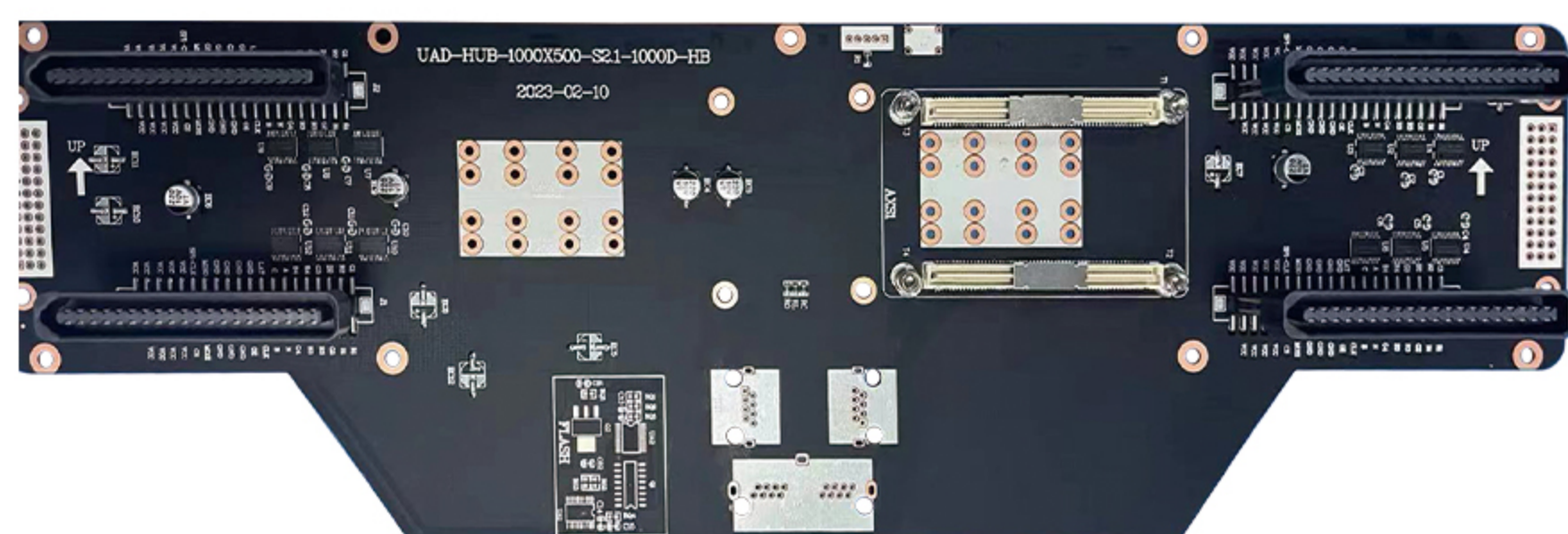
Flexible LED Cabinet Design

The flexibility and diversity of the LR series can support the selection of 500 * 500 and 500 * 1000, and the two types of LED Cabinet can be freely spliced and working.

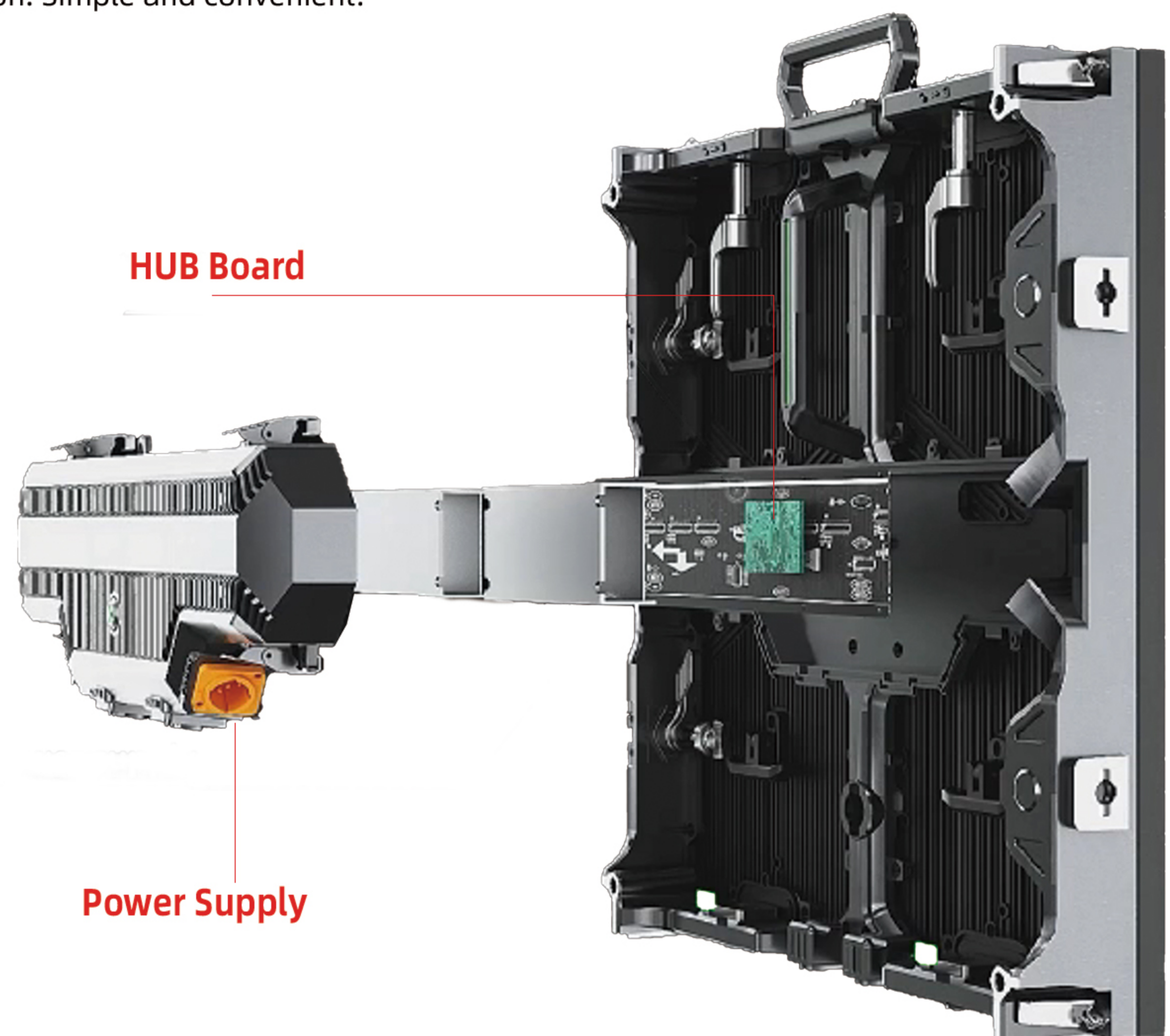


Modularized Design

BAITRONICS has designed a unique HUB-CARD to achieve wireless connectivity, with power and signal integrated into a control box that can be separated from the LED Cabinet, providing customers with extremely convenient maintenance and installation. Simple and convenient!



HUB-CARD



HUB Board

Power Supply

Multiple options for front and rear maintenance

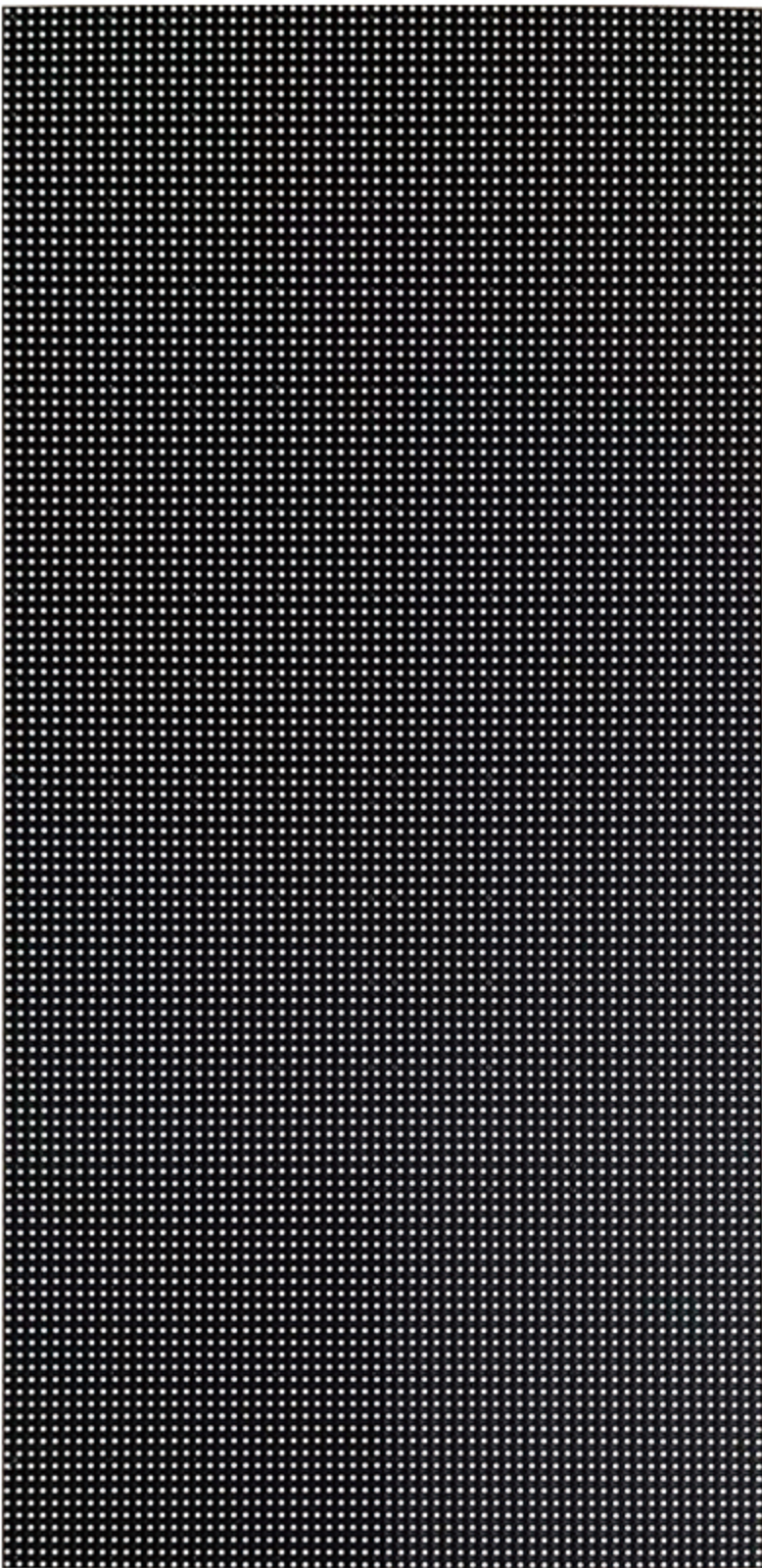
Customers can choose front and rear maintenance of LED modules based on their LED screen usage habits and installation methods. Generally, the Rear maintenance LED modules are fixed with stainless steel screws, which takes longer to disassemble. Currently, Front maintenance takes nickel plated anti rust magnets, which are very convenient for disassembly and replacement.



Front Maintenance



Rear Maintenance



500mm×250mm

Extreme IP65 Waterproof Or indoor IP45 Waterproof

Due to its excellent waterproof design, the LR series can be used for outdoor fixed installation as an advertising screen, LED cabinet Front & Rear Side can reach a waterproof level of IP65.



Waterproof Rubber Ring

Waterproof Sheet

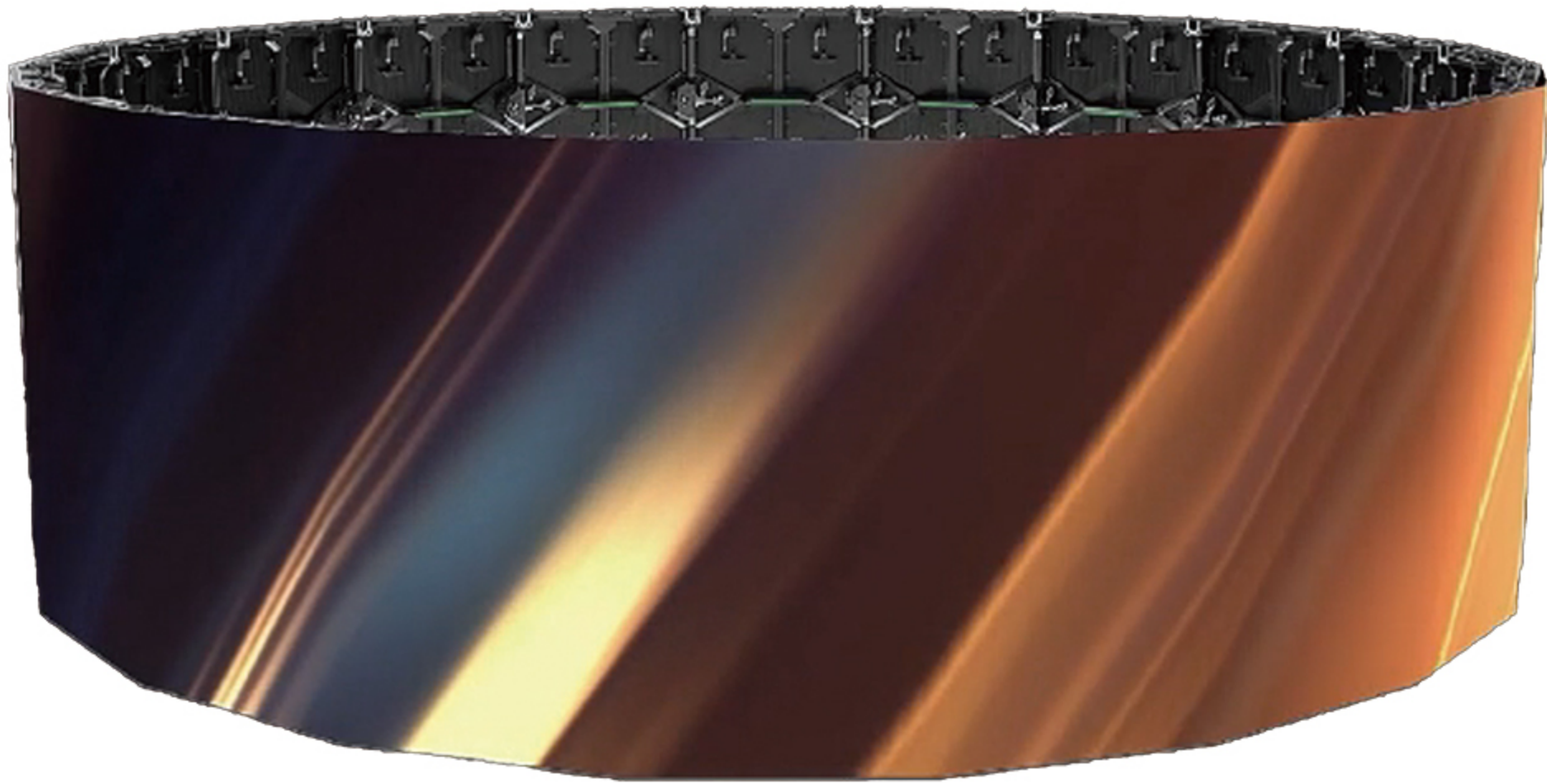


Diversified installation methods

The LR series also supports both inner and outer curved designs. According to customer needs, the LR series can offer options of 0 degrees, -/+5 degrees, -/+10 degrees, and -/+15 degrees. In addition, 24pcs LED cabinets can be assembled into a 360 degree circular LED screen.



Angles 0° ±5 ±10 ±15



High performance & High grayscale

PWM+DES Function for high Refresh rate& Grayscale,and Lower Heat Generating to Protect electronics components and more power energy Saving.



Specification

Model	LR-P1.953(Indoor)	LR-P2.604(Indoor)	LR-P2.976(Indoor)	LR-P3.91(Indoor)
Pitch(mm)	1.953mm	2.604mm	2.976mm	3.91mm
LED Type	SMD1212 3-in-1	SMD1515 3-in-1	SMD2020 3-in-1	SMD1921 3-in-1
LED Density(dots)	262144(dots/m²)	147456(dots/m²)	112896(dots/m²)	65536(dots/m²)
LED Module Size(mm)	250mm X 250mm	250mm X 250mm	250mm X 250mm	250mm X 250mm
LED Module Resolution(dots)	128*128=16384	96*96=9216	84*84=7056	64*64=4096
LED Module Weight(Kg)	0.58Kg	0.58Kg	0.58Kg	0.58Kg
LED Cabinet Size(mm)	500×500	500×500 & 500x1000	500×500 & 500x1000	500×500 & 500x1000
LED Cabinet Resolution(dots)	256×256	192×192 &192× 384	168×168 &168×336	128×128 &128×256
LED Cabinet Weight(Kg)	6.8Kg	6.8Kg & 12.5Kg	6.8Kg & 12.5Kg	6.8Kg & 12.5Kg
Modules Qty/ Cabinet （W×H）	2×2	2×2 & 2×4	2×2 & 2×4	2×2 & 2×4
Installation Way	Rental and Fixed	Rental and Fixed	Rental and Fixed	Rental and Fixed
Got Got Certificate Standard	FCC/CE/ROHS/3C/LVD	FCC/CE/ROHS/3C/LVD	FCC/CE/ROHS/3C/LVD	FCC/CE/ROHS/3C/LVD
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Evenness(mm)	≤0.5	≤0.5	≤0.5	≤0.5
IC Driver	7680HZ	7680HZ	7680HZ	7680HZ
Scan	1/32	1/32	1/28	1/16
Brightness	≥2000 （cd/m²）	≥2000 （cd/m²）	≥2000 （cd/m²）	≥2000 （cd/m²）
Ave.Power Comsumption	≤150(W/m²)	≤180(W/m²)	≤180(W/m²)	≤180(W/m²)
Max.Power Comsumption	≤650(W/m²)	≤680(W/m²)	≤680(W/m²)	≤680(W/m²)
Viewing Angle	Hor.&Vert. 160°	Hor.&Vert. 160°	Hor.&Vert. 160°	Hor.&Vert. 160°
Waterproof IP Level	IP43	IP43	IP43	IP43
Single Dot brightness adjustment	YES			
Single Dot Colorful adjustment	YES			
Input Voltage	200~240 V			
Maintenance Way	FRONT SERVICE & BACK SERVICES(Depend on client Requirement)			
LED Module Gap	< 0.3mm			
Greyscale	> 65536 grayscale			
Colorful Process Bit	16bit			
Weight	≤25kg/m²			
Refresh Rate	7680HZ			
Life Time	100,000hours			
HZ	≥60Hz			
Lifespan （hrs）	100,000hours			
Contrast Ratio	3000 into 1			
Control System	NOVA/LINSN/MOOCELL/COLORLIGHT			
Work Temperature/ Humidity （℃/RH）	-10℃ ~ 50℃ / 10%RH ~ 98%RH			
Storage Temperature / Humidity （℃/RH）	-40℃ ~ 85℃ / 10%RH ~ 98%RH			

Specification

Model	LR-P2.604(Outdoor)	LR-P2.976(Outdoor)	LR-P3.91(Outdoor)
Pitch(mm)	P2.604mm	P2.976mm	3.91mm
LED Type	SMD1415 3-in-1	SMD1415 3-in-1	SMD1921 3-in-1
LED Density(dots)	147456(dots/m²)	112896(dots/m²)	65536(dots/m²)
LED Module Size(mm)	250mm X 250mm	250mm X 250mm	250mm X 250mm
LED Module Resolution(dots)	96*96=9216	84*84=7056	64*64=4096
LED Module Weight(Kg)	0.58Kg	0.58Kg	0.58Kg
LED Cabinet Size(mm)	500×500 & 500x1000	500×500 & 500x1000	500×500 & 500x1000
LED Cabinet Resolution(dots)	192×192 &192× 384	168×168 &168×336	128×128 &128×256
LED Cabinet Weight(Kg)	7.5Kg & 13.5Kg	7.5Kg & 13.5Kg	7.5Kg & 13.5Kg
Modules Qty/ Cabinet （W×H）	2×2 & 2×4	2×2 & 2×4	2×2 & 2×4
Installation Way	Rental and Fixed	Rental and Fixed	Rental and Fixed
Got Got Certificate Standard	FCC/CE/ROHS/3C/LVD	FCC/CE/ROHS/3C/LVD	FCC/CE/ROHS/3C/LVD
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Evenness(mm)	≤0.5	≤0.5	≤0.5
IC Driver	7680HZ	7680HZ	7680HZ
Scan	1/24	1/21	1/16
Brightness	≥6000 （cd/m²）	≥6000 （cd/m²）	≥6000 （cd/m²）
Ave.Power Comsumption	≤268(W/m²)	≤235(W/m²)	≤235(W/m²)
Max.Power Comsumption	≤850(W/m²)	≤750(W/m²)	≤750(W/m²)
Viewing Angle	Hor.&Vert. 160°	Hor.&Vert. 160°	Hor.&Vert. 160°
Waterproof IP Level	IP65	IP65	IP65
Single Dot brightness adjustment	YES		
Single Dot Colorful adjustment	YES		
Input Voltage	200~240 V		
Maintenance Way	FRONT SERVICE & BACK SERVICES(Depend on client Requirement)		
LED Module Gap	< 0.3mm		
Greyscale	> 65536 grayscale		
Colorful Process Bit	16bit		
Weight	≤25kg/m²		
Refresh Rate	7680HZ		
Life Time	100,000hours		
HZ	≥60Hz		
Lifespan （hrs）	100,000hours		
Contrast Ratio	3000 into 1		
Control System	NOVA/LINSN/MOOCELL/COLORLIGHT		
Work Temperature/ Humidity （℃/RH）	-10℃ ~ 50℃ / 10%RH ~ 98%RH		
Storage Temperature / Humidity （℃/RH）	-40℃ ~ 85℃ / 10%RH ~ 98%RH		