

R Series- RHI

Indoor Rental Cabinet Size 500 X 500 mm



Product Features:

1. Fine and streamlined housing design;
2. Suitable for indoor rental LED displays;
3. Enables quick installation and convenient maintenance;
4. High refresh rate and superior image quality;
5. Can be installed by a single operator;
6. Removable power back cover for easy installation.

Product Advantages:

1. Front or rear maintenance for indoor use, magnetic installation method for simple and fast repairs;
2. Hardware programs and calibration data stored in each module, allowing for easy access and facilitating customer use and maintenance;
3. The snap-on front panel design enhances the smooth appearance and allows for quick and easy panel replacement;
4. Signal connectors are directly soldered onto the adapter board, improving signal transmission stability;
5. Left and right arc locks with ball positioning for higher precision;
6. Self-suspending top and bottom locks enable single-person assembly, saving time and effort.

Application:

Widely used in commercial displays, concerts, large-scale sporting events, and more.

Main Technical Specifications:					
Classification	Name	Demand			
Technical parameter	Pixel Pitch (mm)	RHI-1.953	RHI-2.604	RHI-2.976	RHI-3.91
	Pixel Structure (CA)	1515	1515	1515	2121
	Pixel Composition	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	Module Size (mm)	250*250	250*250	250*250	250*250
	Module Composition	2*2	2*2	2*2	2*2
	Module flatness (mm)	≤0.1	≤0.1	≤0.1	≤0.1
	Module Resolution (Pixel)	128*128	96*96	84*84	64*64
	Module connector	Pin+Female Heater	Pin+Female Heater	Pin+Female Heater	Pin+Female Heater
	Scanning Mode (S)	1/32	1/24	1/21	1/16
	Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840
	Frame Rate (Hz)	60	60	60	60
	Gray Level	14 bit	14 bit	14 bit	14 bit
	Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
	Cabinet Weight (KG/PCS)	≤6.3	≤6.3	≤6.3	≤6.3
	IP Rate	IP54	IP54	IP54	IP54
	Maintenance mode	Front or rear maintenance	Front or rear maintenance	Front or rear maintenance	Front or rear maintenance
	Signal source	Supports 10bit input	Supports 10bit input	Supports 10bit input	Supports 10bit input
Optical characteristic	Brightness (nits)	600-1000	600-1000	600-1000	600-1000
	View Angle	≥165°	≥165°	≥165°	≥165°
	Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Electrical parameter	Current (A)	≤8	≤8	≤8	≤8
	Input Voltage	AC:100-240	AC:100-240	AC:100-240	AC:100-240
	Power	200W	200W	200W	200W
	Maximum Power Consumption (W/㎡)	≤600	≤600	≤600	≤600
	Average Power Consumption (W/㎡)	≤300	≤300	≤300	≤300
Usage parameter	Lamp board correction factor storage	Yes	Yes	Yes	Yes
	Panel Demand	4 layers via holes	4 layers via holes	2 layers via holes	2 layers via holes
	Certification	FCC,3C,CE TUV,ROHS	FCC,3C,CE TUV,ROHS	FCC,3C,CE TUV,ROHS	FCC,3C,CE TUV,ROHS

Cabinet Drawing:

