

R Series- RXI

Outdoor Rental Cabinet Size 500 X 1000 mm



Product Features:

1. Compact streamlined cabinet design;
2. Quick installation with 100% front accessibility and rear access for maintenance;
3. Specially designed for outdoor rental LED displays;
4. High contrast ratio of 5000:1 with outdoor brightness ranging 4000-4500 nits;
5. Operable by single person;
6. Detachable power supply rear cover for simplified maintenance.

Product Advantages:

1. Magnetic mounting system enables convenient maintenance;
2. Each module stores hardware programs and calibration data for on-demand access, facilitating user operations and servicing;
3. Enhanced aesthetics with fast panel replacement capability;
4. Signal connectors directly soldered onto transfer boards ensure stable signal transmission;
5. Self-hanging top and bottom locks allow for single-person assembly, saving time and effort.

Applications:

Widely used in commercial performances, concerts, large sporting events, etc.

Main Technical Specifications:					
Classification	Name	Demand			
Technical parameter	Pixel Pitch (mm)	RX1 - 2.604	RX1 - 2.976	RX1 - 3.91	RX1 - 4.81
	Pixel Structure (CA)	1415	1921	1921	1921
	Pixel Composition	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	Module Size (mm)	250*250	250*250	250*250	250*250
	Module composition	2*4	2*4	2*4	2*4
	Module flatness (mm)	≤0.1	≤0.1	≤0.1	≤0.1
	Module Resolution (Pixel)	96*96	84*84	64*64	52*52
	Module connector	Pin+Female Heater	Pin+Female Heater	Pin+Female Heater	Pin+Female Heater
	Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840
	Frame Rate (Hz)	60	60	60	60
	Gray Level	14 bit	14 bit	14 bit	14 bit
	Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
	Cabinet Weight (KG/PCS)	≤13.2	≤13.2	≤13.2	≤13.2
	Cabinet Size (mm)	500x1000	500x1000	500x1000	500x1000
	IP Rate	IP65	IP65	IP65	IP65
	Maintenance Mode	Front or rear maintenance	Front or rear maintenance	Front or rear maintenance	Front or rear maintenance
	Signal source	Supports 12bit input	Supports 12bit input	Supports 12bit input	Supports 12bit input
Optical characteristic	Brightness (nits)	4000-4500	4000-4500	4000-4500	4000-4500
	View Angle	≥ 165°	≥ 165°	≥ 165°	≥ 165°
	Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Electrical parameter	Current (A)	≤15	≤15	≤15	≤15
	Input Voltage (V)	AC:100-240	AC:100-240	AC:100-240	AC:100-240
	Maximum Power Consumption (W/㎡)	≤600	≤600	≤600	≤600
	Average Power Consumption (W/㎡)	≤300	≤300	≤300	≤300
	Power	300W	300W	300W	300W
Usage parameter	Lamp Board Correction Factor Storage	Yes	Yes	Yes	Yes
	Panel Demand	4 layers via holes	4 layers via holes	4 layers via holes	2 layers via holes
	Connector	Waterproof Plug	Waterproof Plug	Waterproof Plug	Waterproof Plug
	Certification	FCC,3C,CE, TUV,ROHS	FCC,3C,CE, TUV,ROHS	FCC,3C,CE, TUV,ROHS	FCC,3C,CE, TUV,ROHS

Technical drawing of a mechanical assembly, likely a mold or frame, showing a top view and two side views. The top view is a rectangular frame with a central longitudinal channel and four transverse channels. It features numerous circular holes and slots. Dimensions are provided in millimeters (mm). Key dimensions include: overall width 1250.00, overall height 999.74±0.05mm, central channel width 140.00, and various hole diameters like 19.98±0.05mm and 5.00±0.05. The side views show the profile of the frame, with dimensions like 30.00, 12.00, and 750.00. A section line A-A is indicated.