

P2.604

Iron Cabinet -Indoor Interactive

LED Floor Specification





1.1 Module composition

Pixel composition	SMD LED 1R, 1G, 1B
Pixel pitch (W*H)mm	2.604*2.604
Module resolution (W*H)	96*96
Module size (W*H*D)mm	250*250*18
Module weight (KG)	0.75

1.2 Unit composition

Cabinet composition (W*H)	2*4
Cabinet resolution (W*H)	192*384
Cabinet size (W*H*D)mm	500*1000*78
Cabinet area (m ²)	0.5
Pixel density (dot/m ²)	147456
Protection level	Indoor(Front IP54, Back IP43)
Cabinet flatness (mm)	≤1
White balance brightness (nits)	≥1300
Color temperature (K)	6000-9300 adjustable
Horizontal viewing angle (°)	>120
Luminous point center distance deviation	<3%

1.3 Cabinet and outer packaging

Cabinet weight (KG/cabinet ; KG/m ²)	22 ; 44
Floor support weight (KG)	1
Total weight(KG/Cabinet+carton)	6 in 1 carton, 151KG
Outer packing size (L*W*H)	1040*660*670mm (L*W*H)

1.4 Electrical parameters

Power consumption (A/unit module)	DC 6~7
Peak power consumption (W/m ²)	800
Average power consumption (W/m ²)	300
Power requirements	AC220V

1.5 Processing performance

Pixel sharing technology	YES
Drive mode	Constant current drive
Frame rate (Hz)	50&60
Refresh rate(Hz) @60Hz	≥3840/≥7680

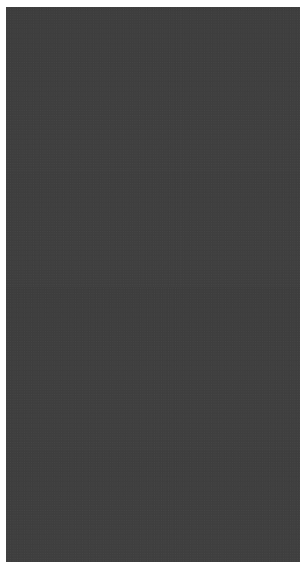
1.6 Screen parameters

Lifespan(hrs)	100,000
Working temperature(°C)	-20 — 55
Storage temperature (°C)	-30 — 60
Working humidity (RH) no condensation	10 - 90%
Storage humidity (RH) no condensation	10 - 95%
Screen thickness (mm)	Module+cabinet: 78 screen+floor support: 150~170 adjustable or customized
Defective ratio	≤4/100000
Unit module splicing gap(mm)	Uniformityand ≤2mm
Best view distance (m)	3-15m
View angle (°)	Horizontal>120
Surface flatness(mm)	Max tolerance≤1
Screen surface color	Uniformity 95% (white transparent or tealcolor)
Uniformity	The brightness uniformity of the screen reaches 95%
Board Design Layout	Light-driven integrated SMD process, uniform distribution of light-emitting pixels, circuit board suspension design, no pressure, reasonable layout, standardized and beautiful wiring, high stability and reliability.

1.7 Load bearing and friction index

Loading bearing capacity	1.5 tons/m ² 1545/N (single point)
Friction coefficient	Static friction coefficient 0.79/Us Dynamic friction coefficient 0.71/UD

500*1000MM Indoor Iron Cabinet



Front view



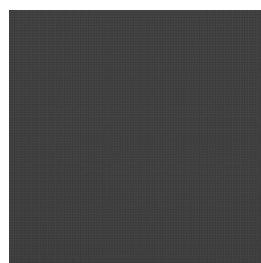
Side(A/B)

Indoor Iron Cabinet

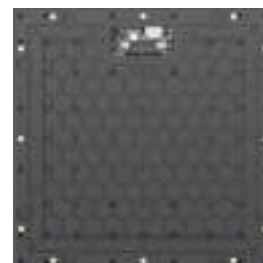


Rear view

250*250MM Module



Module front view



Module rear view

6 Dimensions of maintenance tools& floor support(mm)

Dimensional Drawings

Maintenance tools



Floor support



7 Outer Packing Appearance (mm)

Dimensional Drawings



Carton specifications :
1040*660*670mm

8 Installation Diagram

Diagrammatic Sketch

