







Add: Building 4, 4th Floor Factory, Guanghui Industrial Park

Specification P1.2mm



1. LED Module specification

No.	Item	Parameter	Photos
1	Pixel pitch	1.2mm	 
2	LED chip /type	SMD 1010 Black Body /	
3	LED encapsulation	GOB (Glue On Board)	
4	Pixel Configuration	1R1G1B	
5	Module size	320x160mm	
6	Pixel density	694444 dots/m2	
7	Module size	320 X 160 mm	
8	Module resolution	256 × 128 dots	
9	Drive mode	1/48 scan,constant current	
10	Brightness	≥ 600nits/m²	
11	View angle	H:160°,V:140°	
12	Viewing distance	≥ 1.2M	
13	Application	Indoor	
14	Brightness Uniformity	≥ 97%	





2. GOB Technology Features

1	Front Protection	IP20 (minimum)	 
2	Surface Hardness	≥ 4H	
3	Impact Resistance	Yes	
4	Moisture Protection	Yes	
5	Antistatic Protection	Yes	
6	Anti-corrosion Protection	Yes	
7	Optical Transparency of Coatin	≥ 95%	
8	Encapsulation Process	High-precision optical resin sealing	

3. LED cabinet

1	Cabinet size	640 mm x 1920 mm x 60mm	 
2	Cabinet resolution	512 x 384 dots	
3	IP rating (Front/Rear)	IP20 (minimum)	
4	Cabinet pixel	57600 dots/ cabinet	
5	Weight	8kg/one cabinet	
6	Cabinet material	Die-casting aluminum cabinet	
7	maintenance access	Front Service	
8	Cabinet size	640 mm x 1920 mm x 60mm	
9	Structure type	Self-supporting	
10	Structural design	Foldable	
11	Folding system	Safe folding mechanism for volume reduction without affecting LED modules	
12	Configuration	Double-sided (Double Side Display)	
13	Side operation	Independent operation for each side	
14	Simultaneous content	Allows different content to be displayed on each side	
15	Configuration	Double-sided (Double Side Display)	
16	Side operation	Independent operation for each side	
17	Simultaneous content	Allows different content to be displayed on each side	
18	Structural material	High-strength structural steel / aluminum	
19	Stability	Balanced design for safe indoor operation	
20	Installation type	Floor-mounted – Self-supporting	
21	Structural application	Institutional and commercial use in indoor environments	

4. LED Screen

1	Best view distance	≥1.2m	   
2	Operation temp	10°C~+40°C	
3	Operation Humidity	10%~90%	
4	Contrast ratio	≥ 5000:1	
5	Power consumption	150-250 W/m² / ≤ 500 W/m²	
6	Color Temp	Adjust 2500 K - 9300 K	
7	Power Supply Redundant	Yes/optional	
8	Refresh rate	≥7680HZ	
9	Frame frequency	≥60HZ	
10	Receiving Car Redundant	Yes/optional	
11	Screen life	≥ 100,000 horas	
12	Working voltage	AC 110-220v (50~60)Hz	
13	Control distance	LAN cable 100m, Fiber 10KM	
14	Screen configuration	screen composed of the cabinets, cabinets composed of modules ect.	
15	Switch manner	Computer control switch automatically	

5. Control system specification

1	Supported Resolution	2K HD, 4K UHD
2	Input signal	HDMI, DVI, VGA, SDI
3	Control system	NOVASTAR control system
4	Bit depth	14-16 bit
5	Control distance	LAN cable 100m, Fiber 10KM
6	Certification	ROHS, CB, CCC

More Details



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