

PH16 mesh curtain indoor display-Data Sheet

Structure description		
Each pixel consists of 3 LEDs, which are 1red, 1 pure green, and 1 pure blue ones. Pixel pitch, 16mm; Resolution, 3906 pixels/m2.		
Technical analysis		
No.	Content	Item
1	Color analysis	to get best white balance, color ratio is designed to be R: G: B./3:6:1
Pixel data		
No.	Item	Parameter
1	Pixel pitch	16 mm
2	Pixel composition	1 red, 1 green and 1 blue LEDs from Silan(first selection LEDs to ensure color uniformity)
Screen parameters		
1	Screen area	200pcs
2	Whole screen resolution	pixels:614400 dots
3	Total Pixels	Real pixel: 614400 dots
4	Cabinet size	1024mm x 768mmX38mm
5	Pixels per unit module	16×16 pixels, unit module size: 256mm x 256mm
6	Brightness	1150cd/M²
7	Brightness adjustment	Manual, 256 level
8	Cabinet weight	13KG/per cabinet (Aluminum cabinet)
9	Best View distance	> 16m
10	IP Grade	IP54

Data Sheet

11	Driving methods	1/4 scanning
12	Module Display Brightness Uniformity	< 2%
13	Grey scale	Homochromy 14bit
14	Display colors	14 bit color
15	Refresh Frame Frequency	>480HZ
16	Control method	Video Frequency Synchronization
17	Data transfer method:	CAT 5cable
18	Lifetime	> 100,000 hours
19	Defects rate	≤0.00001(Led display line standard<0.0001)
20	Operating voltage	AC220V/50HZ ± 10%
21	Screen power consumption	250w/m²
22	Color Temperature	6500K
23	Effective Communication Distance (Without relay)	Unshielded twisted pair net line transmission distance 100m, max transmission distance 130m. Multi-mode Optic fiber transmission distance 500m;Single-mode optic fiber transmission distance 20KM
24	MTBF	Not less than 10000 hours
25	Earth Leakage Current	< 2mA
26	Environment temperature	—20℃ ~+60℃
27	Operating ambient humidity	10%—90%RH
28	IC	MBI5024
29	Power supply	Taiwan Meanwell with CE
30	Connector	Neutrik
31	Horizontal View angle	>120 degrees (left and right)
32	Systems operating platforms	WINDOWS(WIN95、WIN98、WIN2000,XP), with a friendly UI, and interface for secondary development.