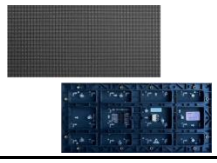
Curtap

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

Specification P3.91mm

1. LED Module specification

No.	Item	Parameter	Photos
1	Pixel pitch	3.91mm	
2	Pixel Configuration	Single SMD	
3	Module Size (W × H)	500 × 250 mm	
4	Module Resolution (W × H)	128 × 64 pixels	
5	Module Weight	1.60 kg	
6	Pixel density	65,536 pixels/m²	
7	Modules per Cabinet (W × H)	2 × 4	
8	Application	Outdoor LED Display	

2. LED Technology and Protection Features

1	Front Protection Rating	IP65	
2	Rear Protection Rating	IP65	
3	Impact Resistance	Yes	
4	Continuous Operation	24/7	
5	Environmental Compliance	RoHS, REACH	
6	Product Certifications	CE, ETL, FCC, CB, BIS, KC, EMC Class A	

3. LED Cabinet Specification

1	Cabinet Size (W × H × D)	1,000 × 1,000 × 87 mm	
2	Cabinet resolution	256 × 256 pixels	
3	Cabinet Surface Area	1 m²	
4	Cabinet Weight	23 kg	
5	Weight per Square Meter	23 kg/m²	
6	Cabinet Flatness	±0.5 mm	
7	Cabinet Material	Aluminum	
8	Maintenance Access	Front and Rear	
9	90° Corner Cutting	No (CA/CB) / Both Sides Cut (CAC/CBC)	

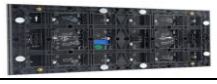
4. LED Screen Specification

1	Maximum Brightness	8,000 nits	
2	Brightness Adjustment	Software Adjustable	
3	Color Temperature	3,200–9,300 K	
4	Horizontal Viewing Angle	160°	
5	Vertical Viewing Angle	155°	
6	Brightness Uniformity	97%	
7	Color Uniformity	±0.003 Cx, Cy	
8	Contrast Ratio	20,000:1	
9	Maximum Cabinet Power	630 W	
10	Average Cabinet Power	210 W	
11	Maximum Power per m²	630 W/m²	
12	Maximum Heat Dissipation	2,150 BTU/h	
13	Average Heat Dissipation	717 BTU/h	
14	Maximum Heat Dissipation	2,150 BTU/h	
15	Input Voltage	AC 100–240 V	
16	Frame Rate	50 / 60 Hz	
17	Refresh Rate	7,680 Hz	
18	LED Lifetime	100,000 hours	
19	Operating Temperature	−30°C to +50°C	
20	Operating Humidity	10–99% RH	
21	Application Environment	Outdoor	

5. Control system specifiction

1	Supported Resolution	Up to UHD 4K	
2	Supported Frame Rate	60 Hz	
3	Ethernet Output Ports	16 × RJ45 Gigabit Ethernet	
4	Processing Depth	16-bit (HDR10 / HDR10 Pro)	
5	Controller	Centralized Video Control Architecture (CVCA)	

More Details





Add: Building 17C,SZ-HK zhonghaixin Science&Technology park, Bulan road, Buji Street, LongGang District, Shenzhen, China.