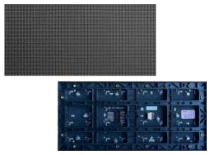
Curtap

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





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