

P10 Outdoor Full Color Display

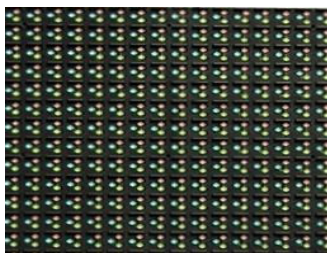


MAXLED P10 Full color adopt $\phi 4$ Oval LED as light source, it offer high brightness, balanced luminance with even light distribution. This display are capable of replicating live color video, animation and high definition graphical images. These full color display are designed on a modular construction which allows for a variety of sizes. The pixel matrix features a unique clear lens covering which offers superior range of viewing angle and contrast. High degree of protection design on display carbinet to withstand harsh environmental conditions, such as sun glare, heat, cold, and humidity.

Full Color Display commonly used by large sports complex, entertainment area, and major advertising firms for numerous applications, such as promotions, video replays, and announcements.

Specification :-

- It can reach Highest resolution: 1920 x 1080
- 65536 Level of Grayscale, 16.7m colors can be shown.
- 120° Horizontal 60° Vertical axis, it make screen showing HD image without color inclination problem.
- High refresh rate (over 4000Hz). It adopted Smart-PMW technology which promote brightness uniformity and eliminate flickering effects when live broadcasting.
- Excellent integrated circuit design. It passed in EMI test to ensure the screen works with Stable.
- Adjustable slide system ensure no gap between screen when multiple carbinet connection.
- Good outdoor protection design. It waterproof, anti-moisture, anti-corrosion, anti-shock and anti-electromagnetic function. Can use it different condition outdoor environment.



Module



Cabinet

Application :-

- Sport Center
- Entertainment area
- Retail Business
- Hotel Lobby
- Shopping Complex
- Public Transport Station

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Technical Specification :-

No.	Item	Parameter
Module		
1	LED Type	φ4 Oval lamp
2	View Angle	Horizontal : 120°: Vertical : 60°
3	Pixel Composition	1R1G1B
4	Pitch Pixel	10mm
5	Scanning Mode	1/2Scan
6	Drive Model	Constant current
7	Module Resolution	16x16 dots
8	Module Size	160mm x 160mm
9	Module Type	LED light and IC driver on same PCB board
10	Module Working Voltage	+5V
11	Average Power Consumption	20W
12	Max Power Consumption	5W
13	Module Shell Material	PC
14	Module Mask Material	PC
Cabinet		
1	Module Layout (W x H)	6 x 4
2	Cabinet Resolution	96 x 64 dots
3	Average Power Consumption	150w
4	Max Power Consumption	600w
5	Cabinet Size	960mm x 640mm
6	Cabinet Material	Steel / Aluminium Alloy
7	Cabinet Color	Black / Grey
Screen		
1	Application Environment	Outdoor
2	White Balance Brightness	>8000 cd/m2
3	White Balance coordinate	X=0.29, Y=0.31
4	Contract : Ratio	64000:1
5	Color Temperature	8000K
6	Pixel Density (point/m ²)	10000
7	Average power consumption(W/m ²)	244
8	Max. power consumption(W/m ²)	977
9	Power Source	AC220V/50HZ AC110V/60HZ
10	Operating Temperature	-20°C + 50°C
11	Operation Humidity	10% - 90%
12	Storage Temperature	-20°C to +50°C
13	Repetition Frequency	60Hz
14	Refresh Rate	480Hz
15	Viewing distance	10-100m
16	Grayscale / color	16.7M
17	Brightness Adjustment	Software 100 degree/automation 100degree
18	Control Method	Synchronized with the computer screen display
19	Signal transfer distance	Cable 100m
20	Computer Operation System	WINDOWS (98,2000,XP,Vista,2007,Window 7)
21	Video Signal	VGA, DVI, RF, S-Video, RGB, RGBHV, YUV, YC, COMPOSITION, etc
22	Average No-Defect Time	≥100000h
23	Longevity	≥100000h
24	Certificate	UL/CE/CCC