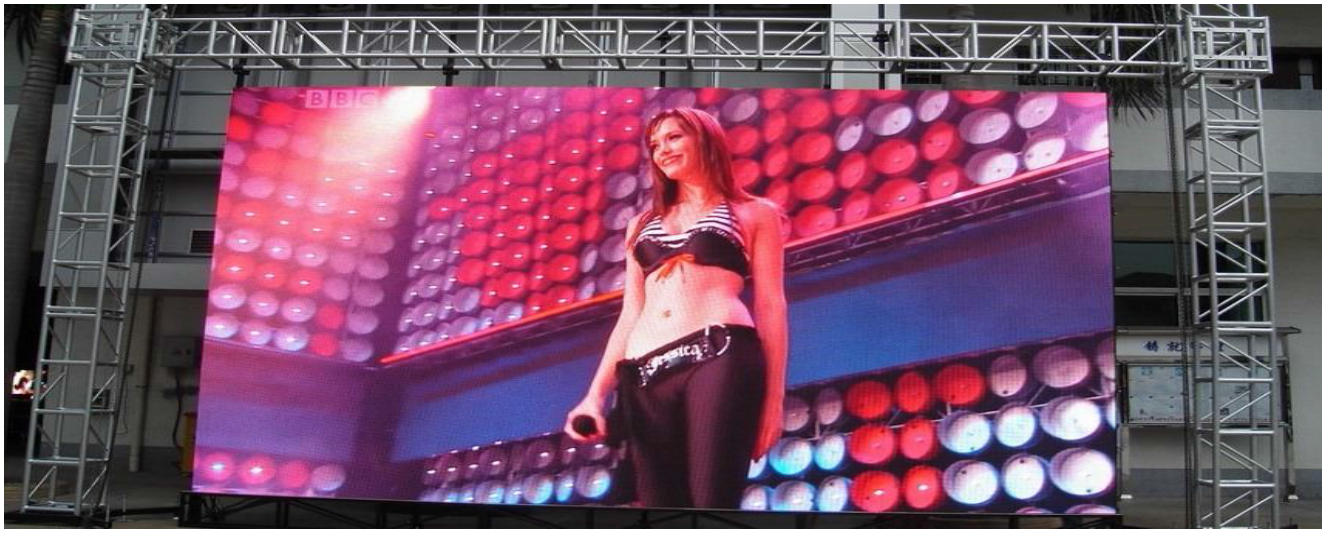
P10 SMD Outdoor Full Color Display

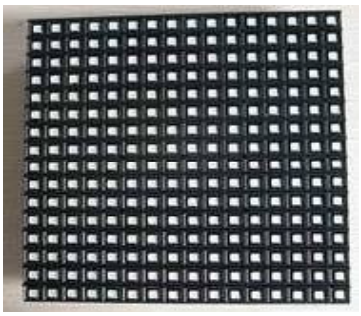


MAXLED P10 Full color is a Surface Mounted Outdoor Screen which specially designed for the outdoor high definition display applications . This SMD LED Screen offers superior luminance, good color balance, present vivid colors and high resolution . This technologies enables automated assembly of the module. It effectively decrease mass, reduce weight, improve quality and precision of the manufacturing process.

This P10 Full Color screen can be a direct replacement for TV or Large Format Projection systems which it support VGA, DVI traditional video signal especially HDMI . It also can showing TV Program, VCD, DVD even a live show with correspond with computer and other device which necessary.

Specification : -

- It can reach Highest resolution: 1920 x 1080
- 65536 Level of Grayscale, 16.7m colors can be shown.
- Wide viewing angle, 120 degrees both Horizontal and 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.
- Intelligent online detection and fault informing. (Optional)
- 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 have waterproof, anti-moisture, anti-corrosion, anti-shock and anti-electromagnetic functions. 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	3-in-1 SMD3528 Surface Mounted
2	View Angle	Horizontal : 120°: Vertical : 120°
3	Pixel Composition	1R1G1B
4	Pitch Pixel	10mm
5	Scanning Mode	1/2 Scan
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	6W
12	Max Power Consumption	24W
13	Module Shell Material	PC
14	Module Mask Material	PC
		Cabinet
1	Module Layout (W x H)	8 x 4
2	Cabinet Resolution	96 x 64 dots
3	Average Power Consumption	188w
4	Max Power Consumption	750w
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	>7000 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/m²)	10000
7	Average power consumption(W/m²)	305
8	Max. power consumption(W/m²)	1221
9	Power Source	AC220V/50HZ AC110V/60HZ
10	Operating Temperature	-10°C + 55°C
11	Operation Humidity	10% ~ 90%
12	Storage Temperature	-30°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

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