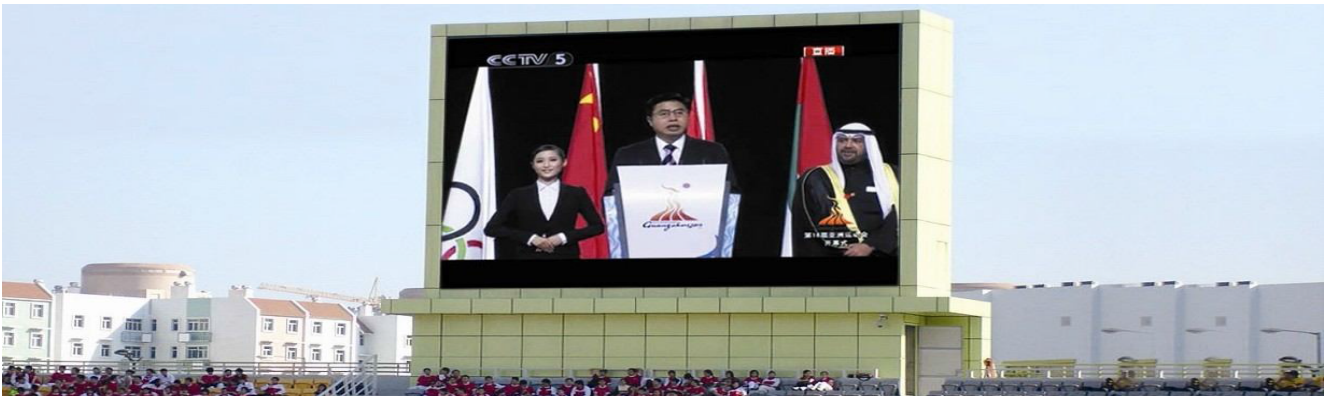


## P30 Outdoor Virtual Full Color Display



**MAXLED P30 Full color** are special designed for outdoor High Definition display application. It adopt  $\phi 5$  Oval LED as light source which providing high brightness and good dissipation performance. This display 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. Automatic production equipment is adopted to manufacture this outdoor LED display, which ensures high product reliability. High degree of protection design on display carbinet to withstand harsh environmental conditions, such as sun glare, heat, cold, and humidity.

This Outdoor Display adapted Virtual Pixel Technologies which allows visualizing pictures of a definition higher than the physical one. Virtual Screen can visualize images with a definition 4 times higher than true pixel LED screen. Therefore, images are more detailed and realistic.

They are extensively used in many outdoor places such as outdoor concerts, theme parks, plazas and golf courses.

### Specification : -

- It can reach Highest resolution: 1920 x 1080
- 65536 Level of Grayscale, 16.7m colors can be shown.
- Wide viewing angle, 120° Horizontal and 60° Vertical axis, it 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.
- Virtual Pixel Technologies adapted.
- 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 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 |

## P30 Outdoor Virtual Full Color Display

### Technical Specification : -

No.	Item	Parameter
Module		
1	LED Type	Φ4 oval DIP
2	View Angle	Horizontal : 120° ; Vertical : 60°
3	Pixel Composition	4R2G1B
4	Pitch Pixel	30mm
5	Virtual Pixel Pitch	15mm
6	Scanning Mode	Static
7	Drive Mode	Constant Current
8	Module Resolution	8 x 8 dots
9	Module Virtual Resolution	16 x 16 dots
10	Module Size	240mm×240mm
11	Module Type	Integration Of Lamp Board And Drive Board
12	Module Working Voltage	+5V
13	Average Power Consumption	4.5W
14	Max Power Consumption	18W
15	Module Shell Material	PC
16	Module Mask Material	PC
Carbinet		
1	Module Layout (W x H)	5 x 4
2	Carbinet Resolution	40 × 32dots
3	Cabinet Virtual Resolution	80 x 64dots
4	Average Power Consumption	113w
5	Max Power Consumption	450w
6	Carbinet Size	1200mm x 960mm
7	Carbinet Material	Steel / Aluminium Alloy
8	Carbinet Color	Black / Grey
9	Waterproof rating(Front/Back)	IP65 / IP54
Screen		
1	Application Environment	Outdoor
2	White Balance Brightness	>6500 cd/m <sup>2</sup>
3	White Balance coordinates	X=0.29,Y=0.31
4	Contrast Ratio	64000:1
5	Color Temperature	8000K
6	Pixel density (point/m <sup>2</sup> )	1111
7	Average power consumption(W/m <sup>2</sup> )	98
8	Max. power consumption(W/m <sup>2</sup> )	391
9	Power Source	AC220V/50HZ AC110V/60HZ
10	Operating Temperature	-20°Cto +50°C
11	Operating Humidity	10%~90%
12	Storage Temperature	-30°Cto +50°C
13	Repetition Frequency	60Hz
14	Refresh Rate	480Hz
15	Viewing distance	25-500m
16	Grayscale / color	16.7M
17	Brightness Adjustment	Software100 degree/automation 100degree
18	Control Method	Synchronized with the computer screen display
19	Signal Transfer Distance	Cable 100m
20	Computer Operating 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	≥100,000h
23	Longevity	≥100,000h
24	Certificate	UL/CE/CCC