

**RGB-Matrix Outdoor Series**

PH8mm outdoor application  
Complete IP65 outdoor solution  
None poly glass covers in facade  
Optimum outdoor quality and cost ratio solution

**RGB-Matrix Outdoor Series**

Extraordinary color blending level  
Shorter viewing distance  
2,000:1 color contrast ratio  
6,000 Nits brightness  
14-bit color processing  
Consistent uniformity

**The new outdoor visual standard**

With its revolutionary matrix tech, Red, Green, Blue lighting diodes are encapsulated in one round pixel; it delivers more vivid color, contrast and deeper black levels than any other oval LED outdoor display on the market.

Key advances in base materials selection, mechanical design and color processing.

## Revolutionary outdoor full color matrixes

Advantages:

- Absolute RGB color blending.
- Pure Color between pixel&pixel.
- Super higher antistatic, heat ventilation performance.
- Higher stability.
- Wide viewing angle 140/140
- Even color temperatures.
- High light transmissivity, easier cleaning on maintenance.
- High brightness
- Lower light attenuation, longer lift time



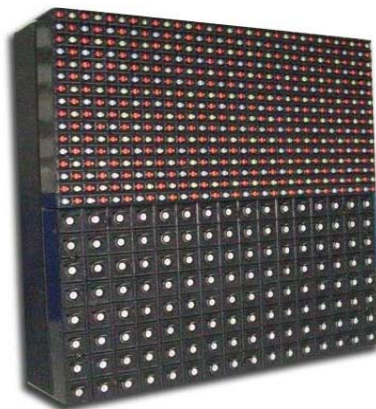
### Super Flat Modules:

- black base&cover
- Advanced heat resistance design
- Constant currency driving
- Quick dust cleaning

Normal oval led outdoor display

**VS**

RGB matrix led outdoor display



### Comparisons:

RGB matrix has better color blending, contrast ratio, flatter surface, quicker and easier clearing, and much better white balance performance at same viewing distance.

## Panels in different application:

### 1. Structure prepared installation

(None-door simple panel)



### 2. Fast fixed installation



### 3. Rental installation



	Spec
Pitch	PH8mm
LED Lamp Model Type	Full color Dot Matrix 3in1
Brightness (6500Kelvin)	5000-8000 Nits
Panel Size	1024×768
Panel Resolution	128×96
IP Rating	IP65/IP54
Panel Net Weight(Steel)	≤45kg
Pixel Density (/sqm)	15625
Horizontal Viewing Angle (dgr.)	140
Vertical Viewing Angle (dgr.)	120
Best Viewing Distance	8m
Recommend Min Screen Size	2.5 m <sup>2</sup>
Input Voltage	AC110V/220, 60/50Hz
Power Consumption -Max (/Sqm)	1 kw
Power Consumption -Ave. (/Sqm)	0.6 kw
Driving Mode	1/4 Scan rate
Communication Profile	RS232/WIFI/Network
Gray Scale	16384
Brightness Level	16 Ranks
Refresh Frequency	200-1200Hz Adjustable
Pixels Lost Control	<300ppm
Colors	4.4 Trillion Colors
Operate Temperature	-20℃～70℃
Operate Humidity	10%～95%RH

Other pixel pitch RGB-Matrix outdoor display are available, please contact following contacts for more information



**Photo Gallery:**

