



## 4mm Pixel Pitch Outdoor Full Color LED Display SMD1921 For Audio Visual Equipment

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Vegoo
- Certification: CE/ROHS/FCC/
- Model Number: VG-FD P4-512-1
- Packaging Details: Plywood case / Flight case / Carton box
- Delivery Time: 3-5 days
- Supply Ability: 3000Sq.m



### Product Specification

- Product Name: P4 Outdoor Full Color LED Display
- Pixel Pitch: 4mm
- Pixel Configuration: 1R1G1B/SMD1921
- Density: 62,500 Pixel/m<sup>2</sup>
- Module Size(L×W)mm: 256mm×128mm
- Cabinet Size(L×W×H)mm: 512mm×512mm×90mm
- Brightness: 5000cd/
- Contrast: 1000:1
- Highlight: outdoor digital signage displays,  
outdoor full color led screen

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## Product Description

### Description:

1. Adopting high quality led lamps, higher brightness, lower decay, and larger viewing angle.
2. Taking integrated cabinet design, easy to install and maintenance
3. Fire-proof , anti-UV (ultraviolet), resistant to high temperature, acid salt spray;
4. Entire screen is in high contrast, consistent white balance, uniform color display, better picture clarity

### P4 Outdoor Full color LED Display Specification

Product Name	Specification
Pixel Pitch	4mm
Pixel Configuration	1R1G1B/SMD1921
Density	62,500 pixel/m2
Module Size(L×W)mm	256mm×128mm
Cabinet Size(L×W×H)mm	512mm×512mm×90mm
Module Resolution	64×64
Cabinet Resolution	128×128
Driving Method	1/8 Scan
Driving IC	MBI5124
Brightness	5000cd/
Contrast	1000:1
Brightness Adjustment	Auto and Manual
Power Consumption	Max Power: 1100W
	Average power: 760W
Module Weight	0.208kg
Color Temperature	9500K—11500K
Horizontal Viewing Angle	140°
Vertical Viewing Angle	140°
Signal Processing	10 or 14bit
Grey Processing	1024×1024×1024 16834×16834×16834
Control Distance	cable100m,Multimode500m,Single mode 2km
Frame Frequency	65 Hz
Refresh Rate	>1920Hz
Control Mode	Synchronous/Asynchronous
The Opposite Calibration Curve	With Eight Optional Gamma Calibration Curve
	Users can choose the recommended curve or adjust it based on actual situation
MTBF	>50000 hours
Life Span	100,000 Hours
Operating Temperature	Working : -20 - 65 °C
	Storage : -40 - 85 °C
Environment Temperature	-30°C to 60°C; humidity Rh10% to 95%
Remote Control	Can realize remote control and send alarm signal to operators in case of logging failure (Be customized)
Self-checking Technique	Self-inspection, communication test, power test, temperature monitoring (Be customized)
Operating System Platform	WindowsNT,Windows2000,WindowsXP,Windows7
Power Supply	AC 110-220V
Protection	waterproof, dustproof, high temperature pervention, anticorrosion, smoulderproof, anti-static, shockproof, lightningproof, smoke alarm and temperature alarm. (Be customized)

### LED Display We Manufacture:

1. Rental use LED display (LED screen):

We can offer all kinds of rental use LED screen: indoor stage rental LED screen, outdoor events rental LED display screen.

For the rental use LED screen: flight case, lock button & hanging structure is always necessary since the screen needs to move from one site to another very frequently and only use several days for each event. This is a fast growing market since more & more people realize the importance of advertising during the events time and the cost of the HD video advertising is decreasing greatly with the improved quality and stable performance.

**2. Mobile trailer (truck mounted) use LED display:**

Mobile (trailer / truck / boat) LED screen is a very fast growing market: big three sided trailer LED display screen, double sided trailer LED display screen, one side small truck LED display screen, etc. become very popular and attracts more and more attention since the advantage of short viewing distance (more close to the audience), vivid HD video effect, fast moving to accumulate large audience.

More & more media company rent more trucks/trailers and mount the HD video LED screen on the 2 sides or 3 sides to make advertising for some special advertising customer.

The most common use mobile trailer/truck display is P10mm, P12mm & P16mm 1R1G1B outdoor full color LED display.

**3. Arc/Curtain LED video display:**

Arc/curve LED display screen is a new application of the wonderful LED video display: 360 degree arc LED display screen, semi-curve LED display, indoor & outdoor full color commercial advertising use arc LED video display is really a very wonderful and prosperous market.

We have some very big arc display project in Germany (45SQM P12mm outdoor 3RGB), Poland (60 SQM P16mm outdoor 3RGB) & Egypt (P20mm outdoor 3RGB 25 SQM), the customers feel satisfied with the impressive effect and achieve much more attention & revenue than they expected.

**4. Transparent & Flexible LED Curtain Display:**

Transparent LED backstage video wall for indoor stage, music club use, soft and flexible LED video display make all the indoor events become more colorful & lively. The advantage of the LED curtain is low weight, transparent & low cost.

**5. LED(Digital)billboards:**

Information showing system is the main use of LED billboards: train station & bus station digital billboards, airport information showing system, street shop LED message board. The characteristic is large size, far viewing distance, etc.

**6. Stadium perimeter/Sports arena LED display screen system:**

Our humanistic & customized, athlete protected stadium perimeter use LED screen: indoor & outdoor basketball arena LED screen, indoor & outdoor football stadium LED screen, stadium scoreboards LED screen, etc.

The most common use model is P6mm, P8mm, P10mm, P12mm, P16mm and P20mm. This is just the most common use model for stadium arena LED display.

The dot correction system is very necessary for this application since the main audience come from the TV broadcasting. The Dot correction system has the characteristic of high fresh frequency, high gray grade & auto error alarm advantage.

For the big advertising use stadium arena LED screen, the most common use model is P10 & P12mm virtual outdoor full color LED screen since the near viewing distance and TV-broadcasting require very high resolution.

For some small sports arena, there's only very few sports events each year, so the rental & mobile LED screen is also very suitable for this application.

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