

# P4

LED DISPLAY PENEL

**Vosch  
Technology**

P4 LED MODULER | 1/32 SCAN | 1920HZ REFRESH RATE



## FEATURES :

- The indoor products are all use LED SMD three-in-one lamp tubes with high brightness and good quality, and mixing colours evenly. With high quality plastic packages, our products are not easy to damage and have good viewing angles.
- Double latch and high refresh, working stably, low power dissipation, modelling design, simple structure, easy to maintain.
- Row and column have blanking function, no ghost and caterpillar phenomena
- They all have neat appearances, light weights, and small sizes. Only need 5V low-voltage power supply, safe and reliable. All accepted 16P ribbon cables, easy to make cascade connection and installation.
- Package locating holes should be installed with four-in-one brackets and cabinets and applying to indoor big screens.

### Basic Info.

Dimensions (w x h x d)	256mm x 256mm x13.5mm
Pixel Pitch (mm)	4mm
Resolution (w x h)	64 x 64
Pixel Configuration	1R 1G 1B (3 in 1) SMD 2121
Density	62,500 pixel / m <sup>2</sup>
Module Weight	0.46 kg
Scan Mode	1/32 Scan
Refresh Rate	≥1920Hz
HUB type	HUB75B
Contrast Ratio	<5000:1
Brightness	1,200 nits
Main Material	Engineering plastics with glass fiber

### Electric Property

Input Voltage	DC 5V
Module Max. Power	< 17.5W

### Durability

Lifetime	100,000 hrs
MTBF	Greater than 10,000 hs
Humidity Range	Operating 10~96%
Defects Rate	≤0.00001
Operating Temperature	-20°C ~ +60°C
Ingress Protection	Front IP43
Neat degree:	Each pixel to the next one ≤0.2mm;
Certification	CE,RoHS,EMC
Drive Type	Constant current drive

### Color & Brightness Feature

Colors	32 bit
Color Temperature	3500 K~9500K
View Angle	H≥140° V≥140°
Grey Scale	32 bit
Dimming	100 grade