Outdoor P4 LED Display

Product Specification

Model Number	P4-1921-10S
Description:	Outdoor P4 SMD 3IN1 Module
Module structure	module with integrated lamp and drive
Lamp:	1921 lamp

1.Key technical parameters

Outdoor Full Color P4（1921）
P4 Outdoor Full Color Display SMD1921(1R1G1B)

Item	Technical parameter	
Panel	Dimension	（W）320mm*160mm（H）
	Pixel pitch	4mm
	Pixel Density	62500/ M^2
	Pixel configuration	1R1G1B
	LED specification	SMD1921
	Pixel resolution	（W）80*40（H）
	Average power	16W
	Panel current	8A
	PCB fire-resistance level	VO rate
	Panel weight	0.45KG
Cabinet & Bracket	Humidity	10%-95%RH
	Number of unit boards per square meter	19.5PCS
	Hub connecting	HUB75
	Best viewing angle	Horizontal >170 Vertical>120
	Best viewing distance	4--40M
	Working temperature	-20-+60
	Panel power supply	5V40A
	Screen power supply	220VAC/50HZ+_10%
	Max power	<1000W/M^2
	Average power	300W
	power quantity	200W/4PCS
Technical parameter	Driving device	16207Constant current drive
	Drive type	1/10Scanning
	Refresh frequency	1920HZ/S
	Display color	4096*4096*4096

	Brightness	5000cd/M^2
	Life span	100000Hours
	Communication distance	<100M

2. Product features

★ Universal standard module with a size of 320*160mm.

★ High-quality lamp beads with cost-effective and stable performance after multiple high and low temperature experiments and scanning layer detection.

★ Compatible cabinets between standard modules with short lead time and switchable between common steel structures when customers change products with different spacing;

★ High brightness, high refresh, high protection level, suitable for outdoor media advertising and other occasions.

★ Independent research and development and production kits, masks, vertical and horizontal rib design, efficient dust protection, uniform ink color, solid and flat, anti-ultraviolet module kit to ensure that the screen is flat and not deformed, and the display effect is better.

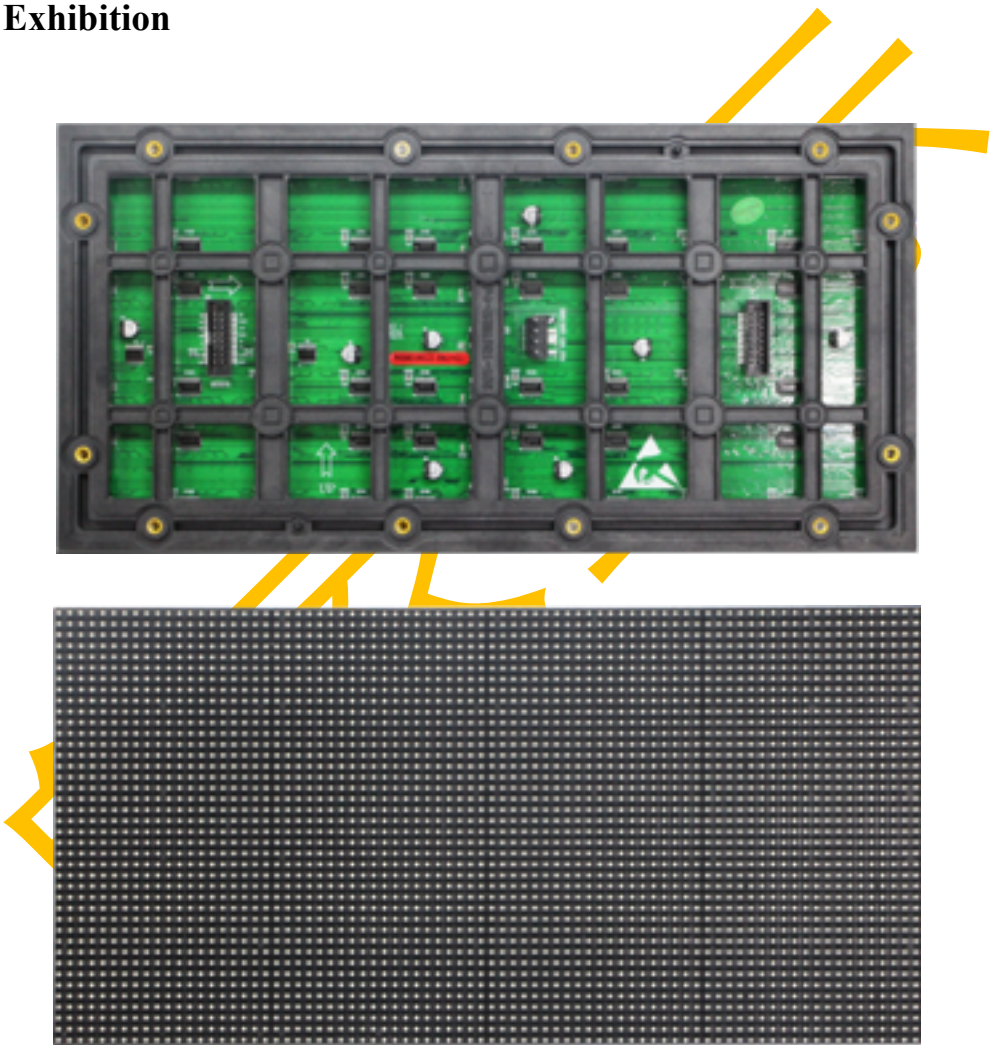
★ Fully developed outdoor high-definition LED displays with various specifications outstanding in the industry and with mature cases all over the world.

★ Modular design, low installation and maintenance cost, fast setup, and hot plugging.

★Perfect optional supporting solutions such as camera, cable, 3G, WIFI technology, cloud broadcast control, and full network access, which support mainstream format and support DVI HDMI 3G/HD/SD three-speed SDI high-definition display mode. It features broad color gamut, intelligent adjustable color temperature and brightness, uniform color, high contrast, beautiful and natural picture.

★。Main application in many trades and industries, such as outdoor advertising media, government and corporate projects, cultural tourism, sports competitions, publicity, commercial real estate firms.

3.Module Exhibition



Highlights:·Unique mask design, dark in color and high contrast.

·Standardized module size of 320*160mm

·Symmetrical and uniform, firm and flat in structure

·The module with SMD1921 lamp has the characteristics of good heat dissipation and good weather resistance.

·Constant current drive, 1/10 scan rate.

·High brightness more than 5000 cd/㎡, good light distribution and angular consistency.

4.Cabinet Exhibition

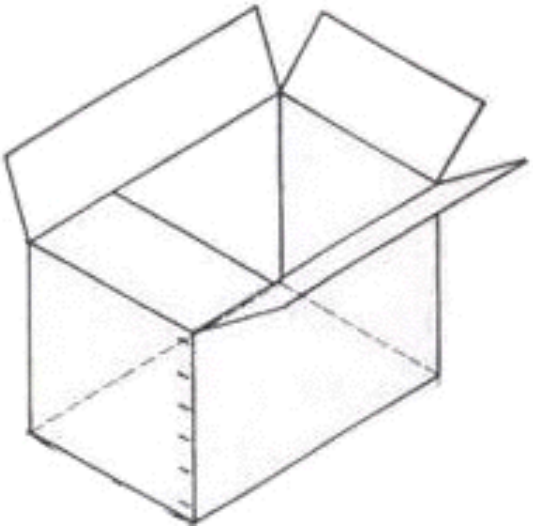
Features: ·960*960mm standard iron box, suitable for all 320*160mm modules.

·Uniform installation hole, waterproof rubber ring, screw specification, power cord, interface, unified box specification, packaging size, and steel structure design.

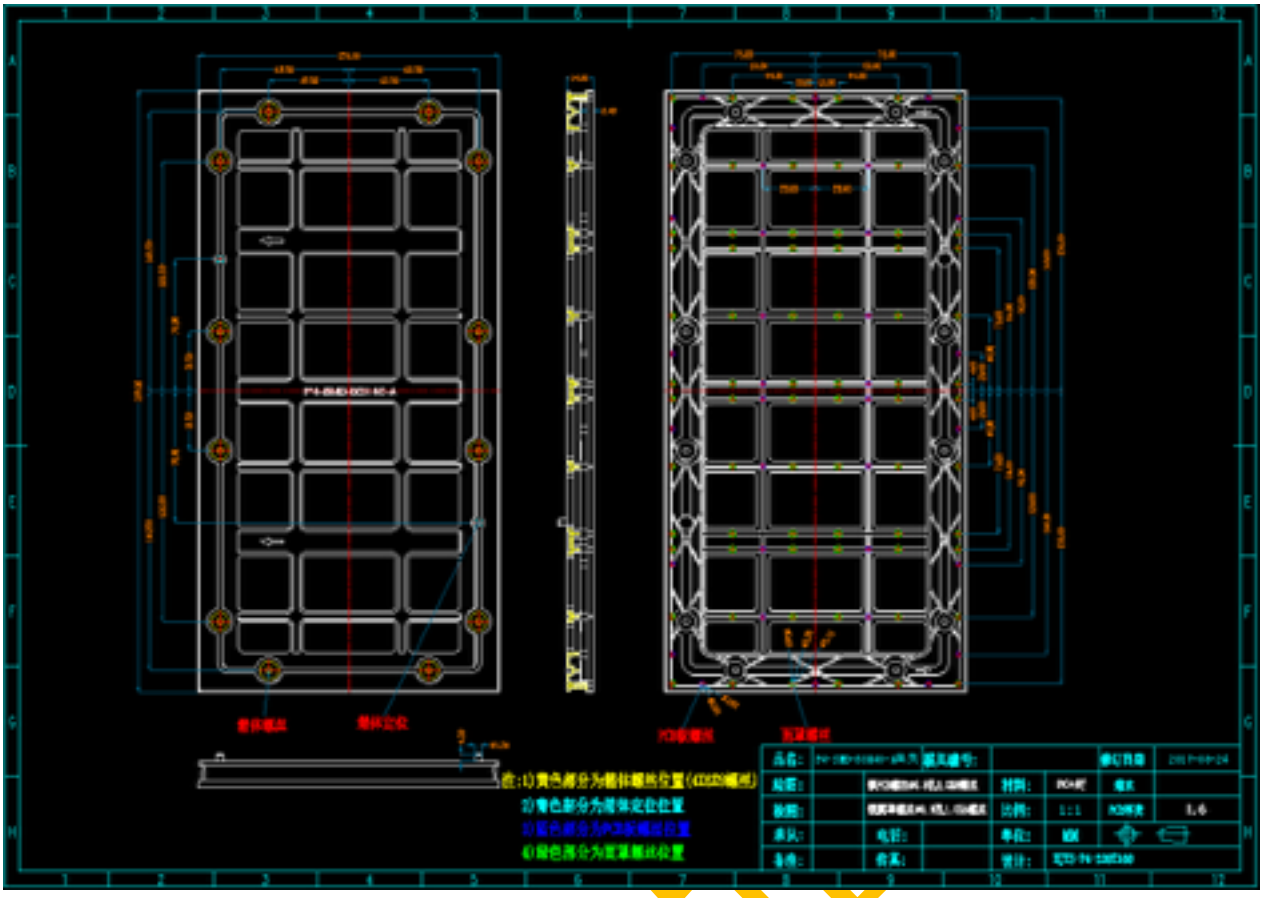
·Waterproof rate up to IP65.

5. Packaging

The packaging adopts high-quality carton with size of 60*36.9*38.7mm and 40 sheets in each carton weighting 19.7KG. The module is equipped with a corner protector, superheated shrink film packaging, and contains pearl cotton corner protector, which can effectively avoid delivery damage caused by collision during handling and transportation.

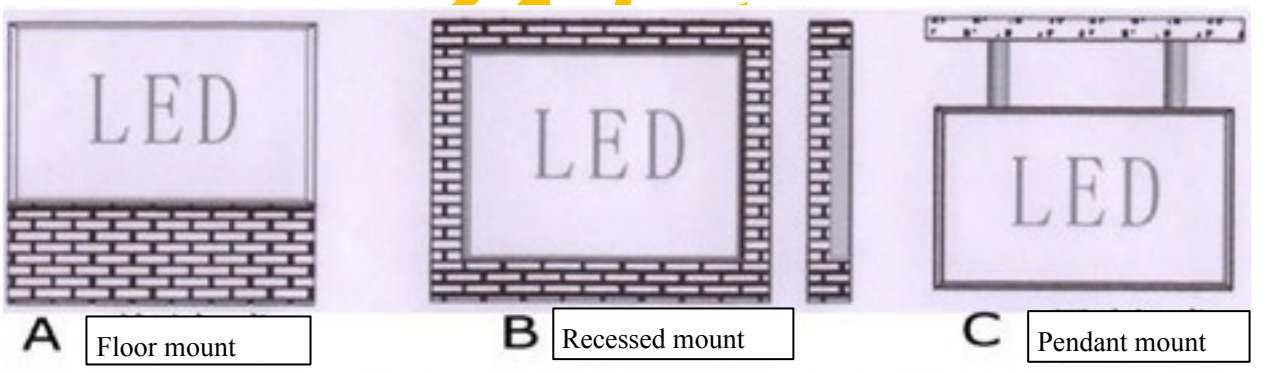


6. Module mounting holes



Remarks: The unit of all dimensions is mm; the shape tolerance is ±0.2, and the aperture tolerance is ±0.1.

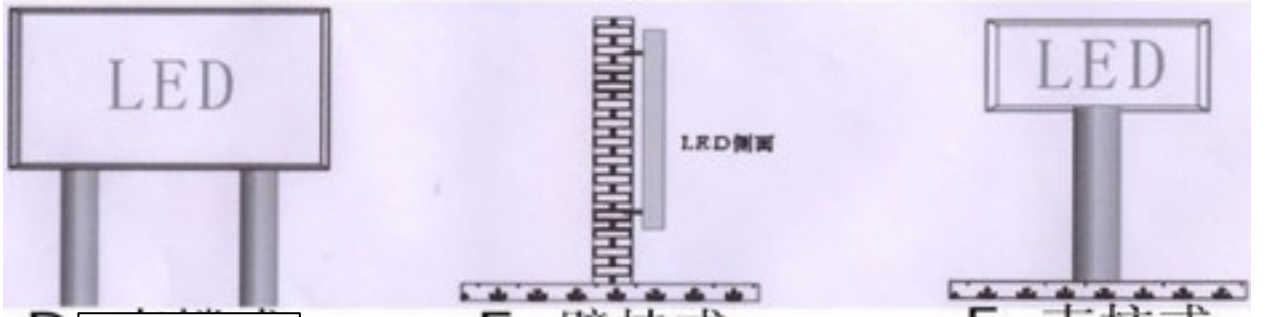
7. Installation method (simple diagram of installation structure)



A Floor mount

B Recessed mount

C Pendant mount



D Pillar mount

E 壁挂式

F 支柱式

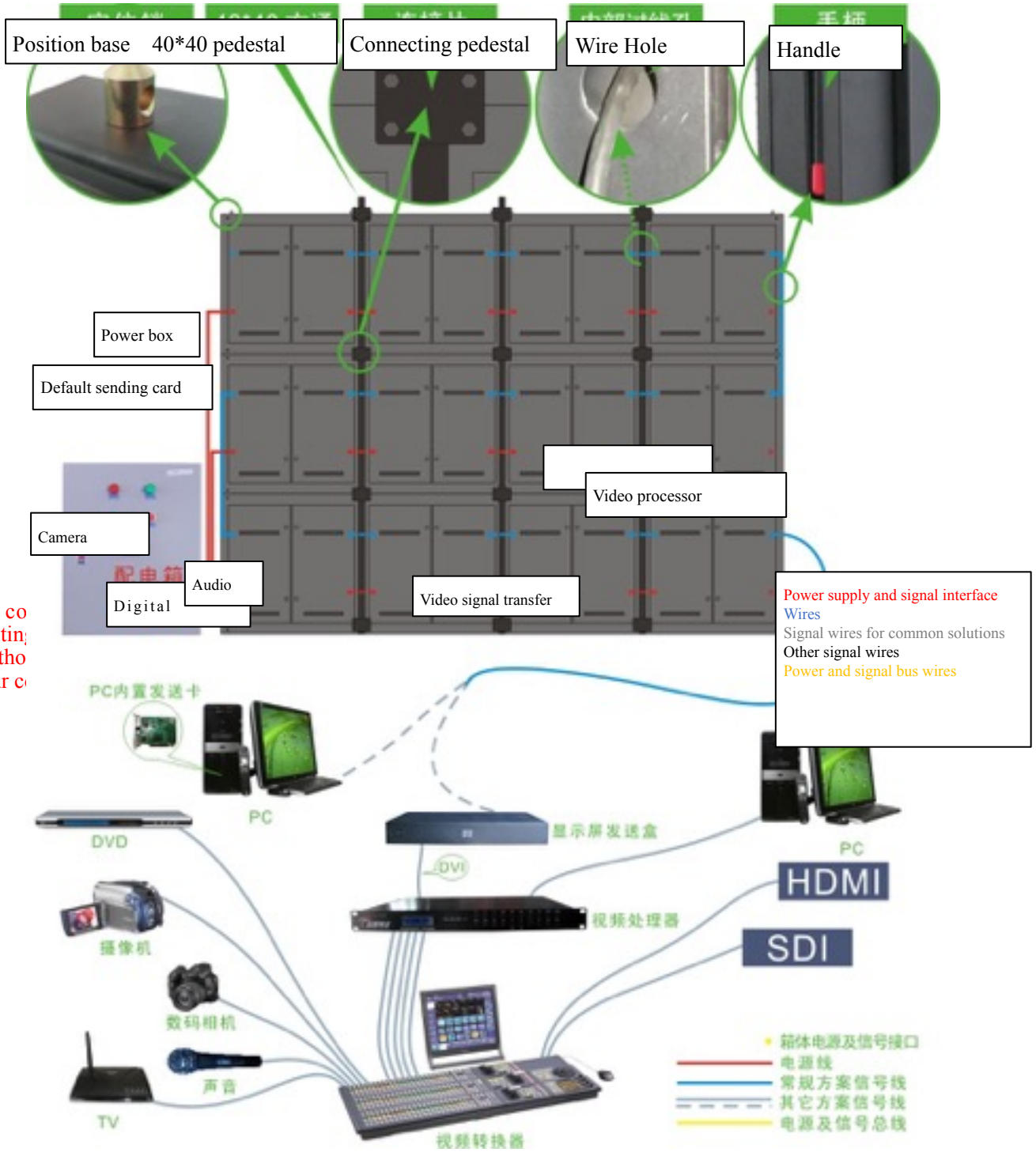
Single pillar mount

Note: The above are the six commonly used installation methods in the current display installation. Generally, the A\B\C\D four methods are designed for indoor display screens. All of the above methods can be used for outdoor display screens.

8. Examination before installation of display screen structure

1. Whether the structure of the bottom layer is firm;
2. Whether the width and height of the structure are accurate, generally 20mm-50mm larger than the size of the display screen is appropriate;
3. The distance between the square tube and the square tube must be strictly consistent from the bottom to the top, otherwise the screen will have gaps during installation. In severe cases, it is difficult to install to the upper layer or cannot be installed, causing rework;
4. Check whether the channel position in the structure is appropriate and will it block the rear door of the box, otherwise the rear door of the box cannot be opened after the screen is installed;
5. Whether the holes on both sides of the screen are blocked.

9. Diagram of disassembly, maintenance, and wiring connection



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FCC Caution：

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.