



P3.076 640*960mm

LED Display for Smart Pole specification

Output department

Smart Pole Product Department



The LED display for smart pole is an outdoor terminal device that integrates functions such as the Internet, the Internet of Things, and remote interaction. It has the characteristics of high brightness, high color rendering coefficient, and a built-in temperature sensor that can automatically adjust the brightness. The LED display for smart pole has lower electrical power, which fully reduces the internal volume and weight of the product, and uses the latest intelligent temperature control fan for rapid heat dissipation.

The appearance of the product is mainly industrial style, with some technological and mechanical elements added. It has a technological appearance and unique shape to interpret the charm of the product.

The product can be configured with functions such as remote monitoring, voice broadcasting and automatic brightness adjustment. It is equipped with waterproof and lightning protection modules and is specially designed for outdoor scenes.

The LED display for smart pole effectively integrates multiple needs such as smart transportation, municipal publicity, security monitoring, commercial advertising, environmental monitoring, 5G base station applications, etc., further beautifying the city's appearance.

★ Low consumption, heat dissipation, replacement ability; box body four-round wind dispersion heat hole design, cooling; Internally installed light sensor, can automatically adjust the environmental light sensor, green color protection.

★ High-quality lanterns, multiple high-temperature and low-temperature demonstrations, High performance ratio and performance standards.

★ The standard model structure can be used as a box body, the shortened passenger shipping period, and the customer shipping is not changed.

★ Has high brightness, high innovation, high protection, and is suitable for outdoor media advertising and other occasions.

★ Self-research product, surface, linen reinforcement design, high efficiency defense, ink color uniformity, solidity leveling, anti-ultraviolet line model structure, security folding body leveling and non-change shape, showing effective results.

★ External high-quality LED display mature products, each category is the same industry, uniformly mature examples from all over the world.

★ Model design, low installation and construction, fast speed, and easy heating.

★ Mature options for printing, wireless, 4G, WIFI technology, broadcasting, all network access, etc. Wide color gamut, intelligent control of color temperature and brightness, color uniformity, high contrast ratio, and natural screen.



Based on the principles of thermal convection, it ensures sufficient cold air supply and efficient expulsion of hot air, achieving optimal heat dissipation. The system operates only when temperatures exceed 40° C, enhancing energy efficiency while minimizing dust ingress.



Pixel Pitch	3.076mm	Extension Cable	2-5 meters
Module Size	320*160mm	Power Supply Voltage	AC 240/200 $\pm$ 10 %, 47~63Hz
Module Resolution	104*52	Viewing Angle	Horizontal: 160° Vertical: 140°
Cabinet material	Aluminum	Protection Rating	FrontIP65
Appearance color	Company Standard Color	Brightness Levels	Manual 100-level,
Display Size	640*960mm	Viewing Distance	3.8-48 meters
Box size ($\pm$ 3mm)	742*1062mm	Operating Temperature	-20°C~+80°C
Overall resolution	208*312	Operating Humidity	10%~80%
System	Smart Screen Control System	Control Method	WIFI/Ethernet Port
Average Power Consumption	197W	Maximum Power	592W
Refresh Rate	3840HZ	Integrated Features	Auto Light Sensing
Brightness	$\geq$ 5000CD/m2	Heat Dissipation	Smart Temperature

P3.076 640*960mm Single-sided Pole Screen



Pixel Pitch	3.076mm	Extension Cable	2 meters-5 meters
Module Size	320*160mm	Power Supply Voltage	AC 240/200 $\pm$ 10 %, 47~63Hz
Module Resolution	104*52	Viewing Angle	Horizontal: 160° Vertical: 140°
Cabinet material	Aluminum	Protection Rating	FrontIP65
Appearance color	Company Standard Color	Brightness Levels	Manual 100-level,
Display Size	640*960mm	Viewing Distance	3.8-48 meters
Box size ($\pm$ 3mm)	742*1062mm	Operating Temperature	-20℃~+80℃
Overall resolution	208*312	Operating Humidity	10%~80%
System	Smart Screen Control System	Control Method	WIFI/Ethernet Port
Average Power Consumption	393W	Maximum Power	1083W
Refresh Rate	3840HZ	Integrated Features	Auto Light Sensing
Brightness	$\geq$ 5000CD/m2	Heat Dissipation System	Smart Temperature

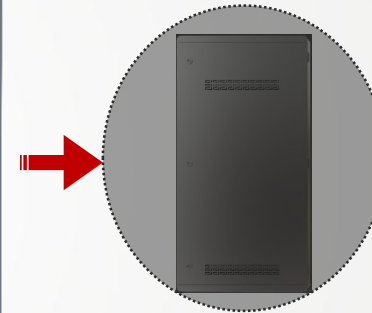
P3.076 640*960mm Double-sided Pole Screen

High sensitivity ,
automatic adjustable
brightness based on
external light
environment.

Light Sensation



Manual and automatic



- High external quality;
- Unique industrial design style;
- High external quality.



Ultra light and ultra-thin



High quality LED beads



Structural stability



1. Assemble the bracket and the light pole; Connect the power cord of the display screen and the network cable to the equipment compartment through the threading hole;
2. Install the display on a stand and locks it with 4 M10 bolts, and then lock the bracket screws; finally, the installation is complete.



- 1、 The power cord of the display screen is connected to the distribution box empty, 220V power supply, red-brown - live wire, blue - neutral line N, yellow-green - ground wire PE;
- 2、 When the network cable is connected to the switch and the switch indicator light flashes after turning on, it means that the network communication works in good condition



Cabinet Packaging



Spare Parts Packaging



Model



Arrangement



Hex Key / Allen Wrench



Screw and Mattress



Convenient management: Cluster management, supports multi-level grouping of terminals and users, and supports multi-level permission settings for users;

Easy to expand: modular design, convenient for software function expansion;

Real time information release: real-time release of emergency information; Automatically generate playback logs;

Content split screen display: One screen can simultaneously play text, videos, and images;

Fixed point advertising function: Fixed point playback, can play different content on the same screen, and play the same content on different screens;

Please follow the following precautions to protect the product:

Clean

To clean the surface of the LED pole screen module, please use a soft bristled brush to gently brush it. Do not use any liquid substances to clean the surface of the LED module, otherwise it may damage the LED.

Storage

The storage environment for unopened packaged products is: the storage time should not exceed 30 days in an environment with temperature < 30 °C and humidity < 60%. When the storage time exceeds 30 days from the packaging date, it must be dried.

Instructions

After opening the package, SMD-LED products must be stored in an environment with a temperature < 30 °C and humidity < 60%, and the LED pole screen products must be assembled and installed within 7 days and used normally for more than 8 hours in this environment. If the screen is not used for a long time, it should be used once a week, and a preheating lighting method should be used each time the screen is lit: first light up the screen with 30% brightness for 0.5-2 hours, and then light up the screen with normal brightness to remove moisture and ensure that there are no abnormalities during use.

