

# ONE-STOP SMART POLE SOLUTION

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# LinsnCloud Smart Pole



In today's world, the new generation of information technology, represented by the Internet, big data and artificial intelligence, is booming and accelerating its integration with various industries and fields, bringing disruptive innovation to social and economic development. In the exploration process of urban development, as a model of integrating information and communication technology with traditional urban public infrastructure, smart light poles are considered as the most promising new public infrastructure.

## *Smart Pole* *Smart Life*



# Main Function of Smart Pole



## Smart Lighting Controlling System

Remotely control(ON/OFF,dimming, data collecting, alarm etc.) in real time by computer, mobile phone, PC,PAD,support communication modes like BN-IoT, LoRa, Zigbee ect.



## Weather station

Collect and send data to monitoring center by concentrator, such as weather, temperature, humidity, lighting, PM2.5, noise, rainfall, wind speed, etc.



## Broadcasting Speaker

Collect and send data to monitoring center by concentrator, such as weather, temperature, humidity, lighting, PM2.5, noise, rainfall, wind speed, etc.



## Emergency Call System

Connect directly to command center, respond quickly to emergency public security affair and position it.



## Mini Base station

Remotely control(ON/OFF,dimming, data collecting, alarm etc.) in real time by computer, mobile phone, PC,PAD,support communication modes like BN-IoT, LoRa, Zigbee ect.



## Wireless AP(WiFi)

Provide WiFi hotspot for different distances



## Cameras & Surveillance System

Monitor traffic, security lighting, public equipments through cameras & surveillance system on the pole.



## LED Display

Display the advertisement, public information in words, pictures, videos by remote uploading, high efficient and convenient.



## Charging Station

Offer more charging stations for new energy vehicles, make it easier for people travelling and speed up the popularization of new energy vehicles.





# The Applications of Smart Pole

Smart light poles have become the key application fields of the Internet of Things and 5G new infrastructure in cities. By attaching video monitoring, multimedia information screen, public broadcasting, environmental monitoring and other hardware functions, and integrating various poles and urban pipelines, smart light poles can complete road information perception, improve the appearance of the city, and help the construction of smart cities.





## Are You Worried About The Following Issues?

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The platform is not compatible,  
and it is difficult to continuously update iterations?

Without a unified cloud platform, it is difficult to centrally manage?

Can't the devices be linked, and the intelligent effect  
is poor?

Can't add new functions due to poor expansion of  
network functions?

Frequent network storms and high equipment  
drop rate?

The product has problems, and the after-sales  
service is not timely?



# Why Choose LinsnCloud Team?

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10,000m2+  
Modern Factory



>100  
Patent certificates



>3,000m<sup>2</sup>  
Production capacity

Intelligent cloud  
platform  
management

- Self-developed cloud platform, intelligent management, multi-brand compatibility, portable and efficient management



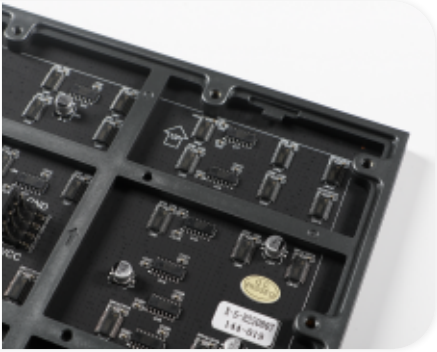
Many years of  
industry  
experience

- 15 years of experience in LED display, LED display product development & manufacturing



Trustworthy  
products

- Use of the most reliable components, stable product quality, super display effect & long life



Strong R&D  
strength

- A first-class R&D team consisting of hundreds staff with rich experience & strong strength



Professional  
customization  
capability

- Has provided tailor-made solutions for many creative application projects worldwide





# Our

- One-Stop Smart Light Pole
- Cloud Management

# Solution

*One-stop Product Provide + Cloud Management*

*LinsnCloud One-Stop Smart Pole Provide*

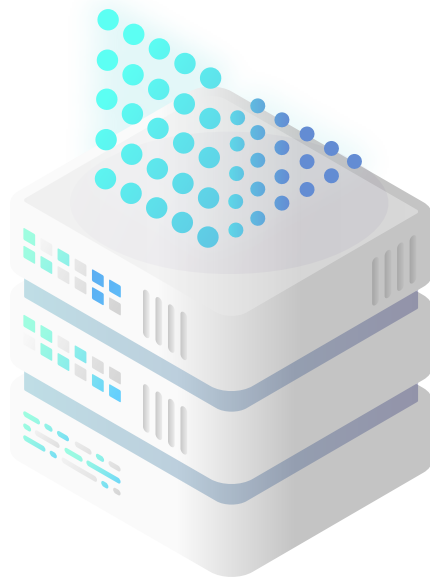
*LinsnCloud Cloud Management Support*





## What can LinsnCloud Team brings to you?

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- LinsnCloud Intelligent Cloud Platform

LED,LCD,advertising large screen, full domain support. Indoor LCD & square LED, all in control.The cloud covers a variety of scenarios, cloud digital display terminals around you.

## — Smart Pole Equipment Core Components —

Provide you with one-stop service of Smart pole



- Plastic Switch



- Wi-Fi AP



- Camera



- Controller



- Smart Cloud Box



- Smart Pole LED Display



# Principle of Smart Pole LED Display Cloud Management

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## ● Solution description:

The smart pole LED display uses 4G/5G network or network cable to access the Internet, and realizes remote management, remote power switch and program release through the LinsnCloud information release system. The GPS and RF modules can realize multi-screen synchronous playback, and the visual effect of advertising is more impressive. Brightness sensor allows the display screen to automatically adjust brightness, energy saving and environmental protection.

## Internet & Smart Community



## Smart Community & Smart Retirement

Create a culture of use among community residents, enterprises and governments - that is, let all community subjects enjoy all technologies, equipment, services and resources brought by broadband economy fairly and freely as far as possible to stimulate economic growth and political participation





# Internet & Smart Traffic

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Traffic Guidance+Parking Instruction+Traffic Flow+Vehicles Monitoring+EmergencyHelp  
+Traffic Violation Recording+FIA Network



Display Guidance



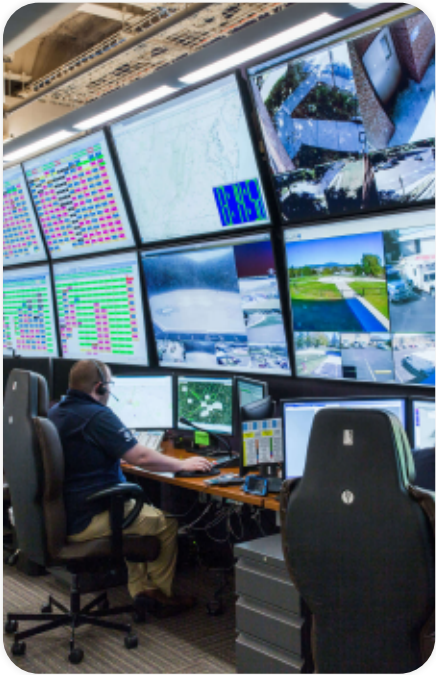
VMS Prompt



Manhole Cover Monitoring



Distributed Water Logging Sensor



Data Transmission To The Command Center





# Internet & Safe City

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Video Surveillance Smart Monitoring Integration+City Managing+Group Incidence  
+Emergency Processing



Real time traffic density warning



Traffic density data gathering

	9	10	11	12	1	2	3	4	5	6	7	8
AM	41	31	48	45	58	60	32	38	47	47	49	84
PM	42	32	53	51	54	56	42	42	49	58	53	51




Real time traffic density detection



Data Transmission To The Command Center





Traffic density detection system  
Traffic density detection  
Abnormal event detection



LED Display  
Info Release

Fire alarm  
Gas Leakage







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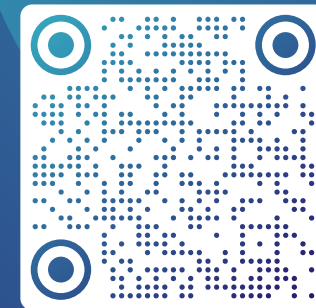
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