



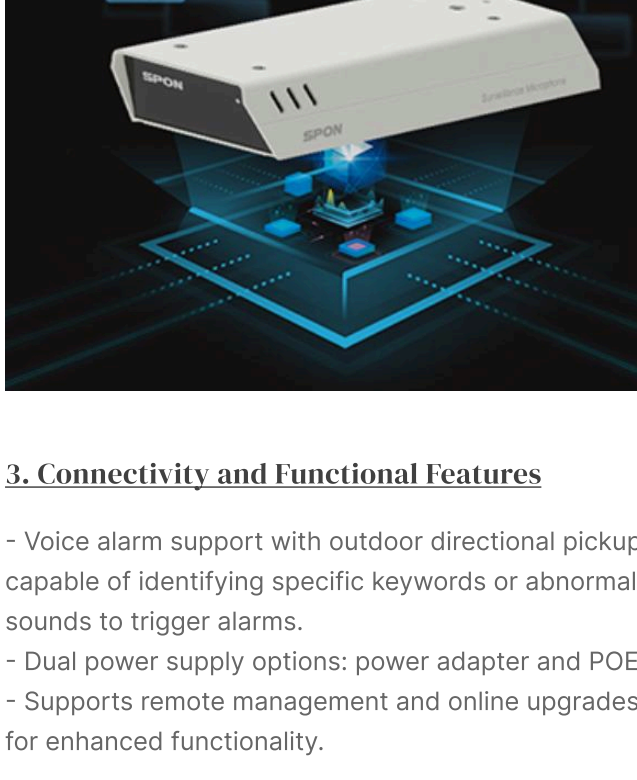
## TS-929E

### Outdoor Surveillance Microphone

SPON Outdoor Directional Surveillance Microphone TS-929E is suitable for Financial, Judicial, Public Security, Safe City, Inspection and other occasions of sound collection. It can be connected to the hard disk recorder, user can preview and playback audio and video synchronously in the hard disk recorder.



## MAIN FEATURES



### 3. Connectivity and Functional Features

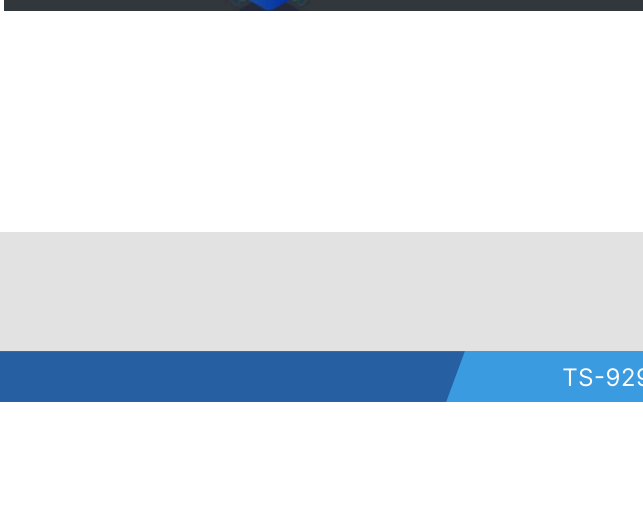
- Voice alarm support with outdoor directional pickup capable of identifying specific keywords or abnormal sounds to trigger alarms.
- Dual power supply options: power adapter and POE.
- Supports remote management and online upgrades for enhanced functionality.

### 1. Robust Design and Material Quality

- Durable metal structure with an aluminum alloy shell, featuring corrosion resistance and suitable for outdoor use with waterproof and dustproof qualities.

### 2. Advanced Audio Technology

- Adaptive dynamic noise reduction with a built-in high-speed DSP digital signal processor for strong output.
- High sensitivity, full directional capacitive microphone offering high fidelity, low noise, and smooth sound playback.
- Built-in automatic AGC circuit to balance sound differences over distances.
- Ultra-long sound pickup range with strong anti-interference capabilities and convenient wiring.



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## SPECIFICATION

### POWER PARAMETERS

Power Supply	DC 12V/AC 24V, PoE (IEEE802.3at/af)
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### MIRCOPHONE PARAMETERS

Sound Pickup Range:	1-15m(Adjustable)
Directional Property:	Directional
Number Of Mic	8
SNR	90dB(@1KHz)
Frequency Response	20Hz~20KHz

### NETWORK PARAMETERS

Network I/F	10BASE-T/100BASE-TX RJ45
Network Protocol	HTTP,TCP/IP,UDP,ARP,ICMP,IGMP
Configuration Method	Web Interface

### MECHANICAL&ENVIRONMENT PARAMETERS

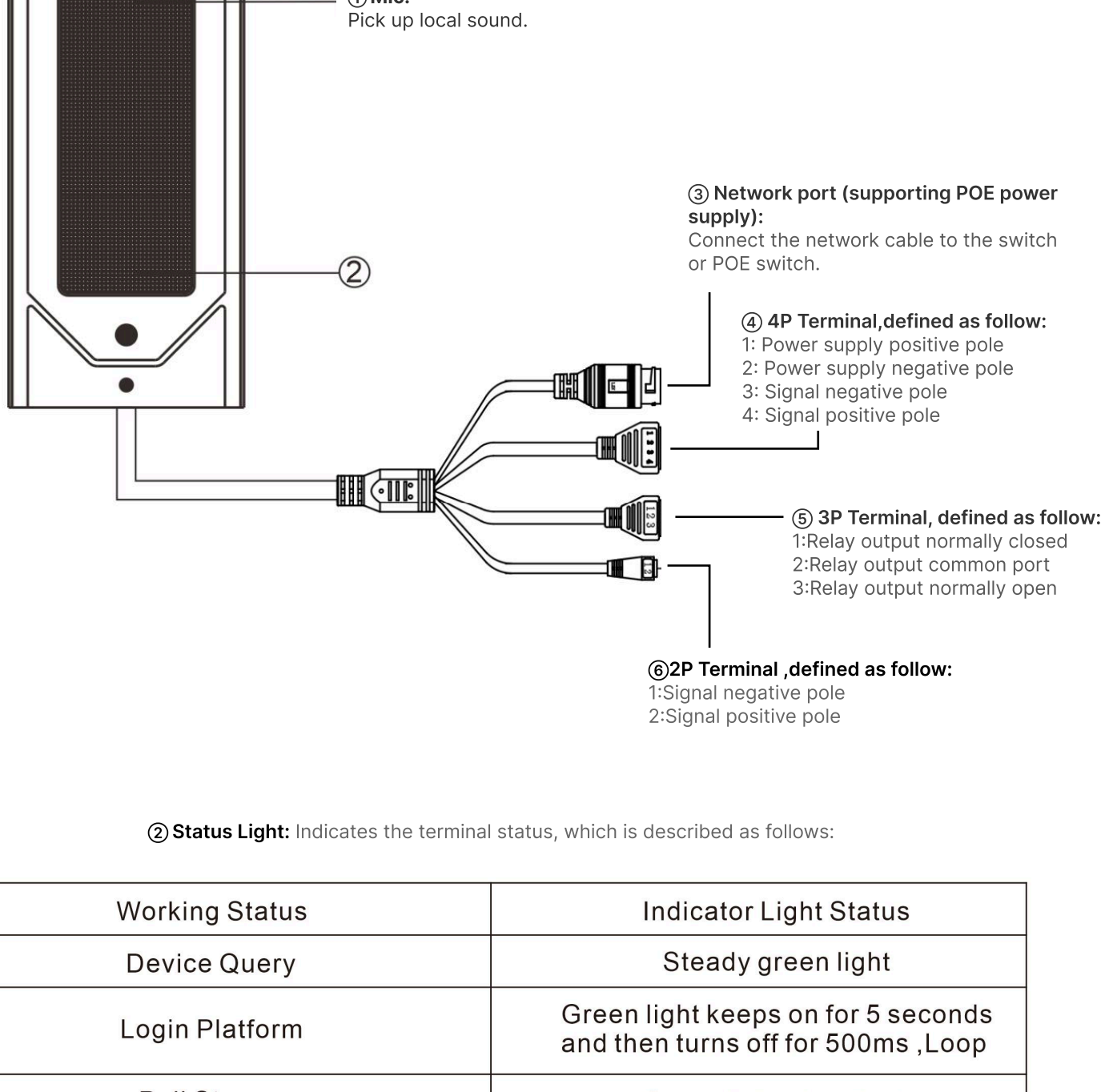
Mounting Method	Surface Mount
Installation Environment	Outdoor Environment
Operating Temperature	-20°C~+60°C
Body Material	Metal
Product Dimensions	188*75*32(Mm)
Product Warranty	2 Years Limited

### ACCESSORIES

3×Plastic Expansion Sleeve (F7)
2×Half Round Head Cross SScrew (ST4*25)
1×Cross Screw (M6*12 304)
2×Cross Screw (M4*8 304)
1×Terminal Block (3.81-4P)
1×Terminal Block (3.81-3P)
1×Terminal Block (3.81-2P)
1×Mounting Bracket
1×Certificate Of Quality And Warranty Card
1×Quick Install Guide

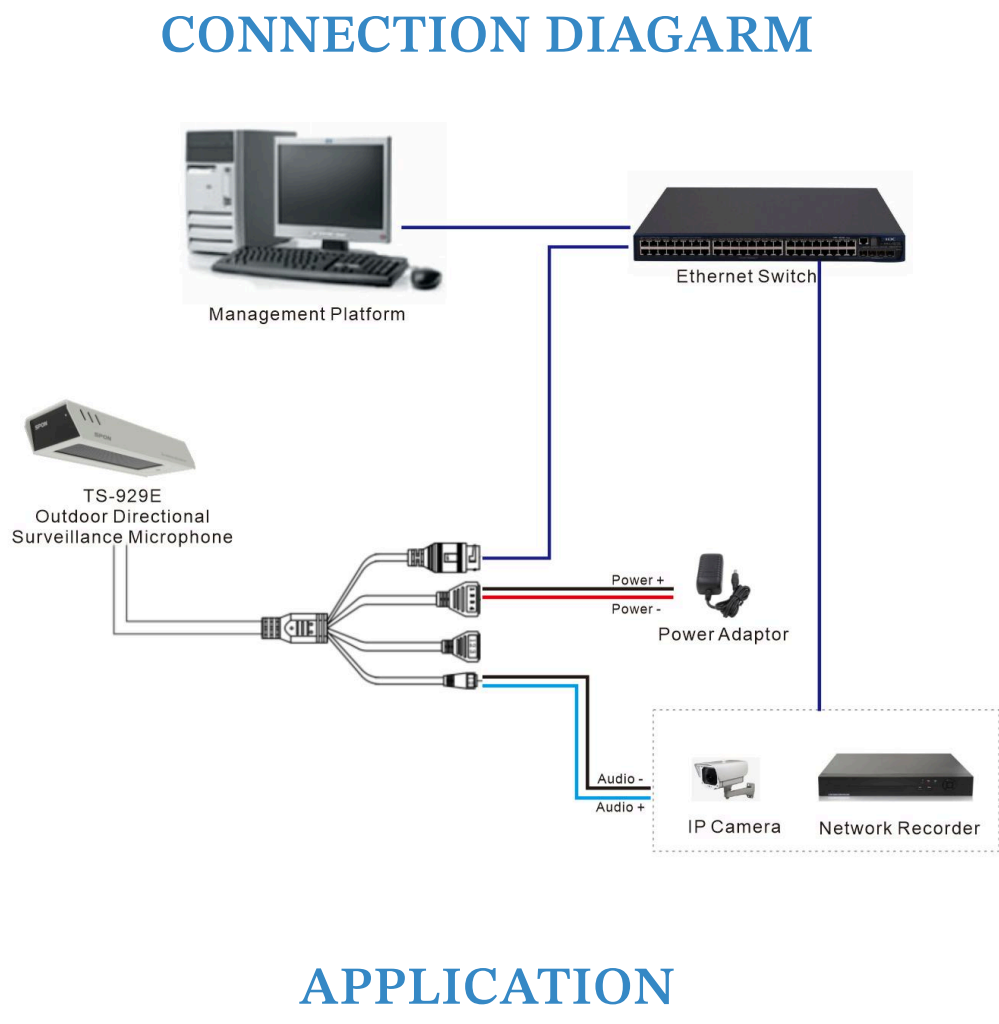
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## PORTS DESCRIPTION

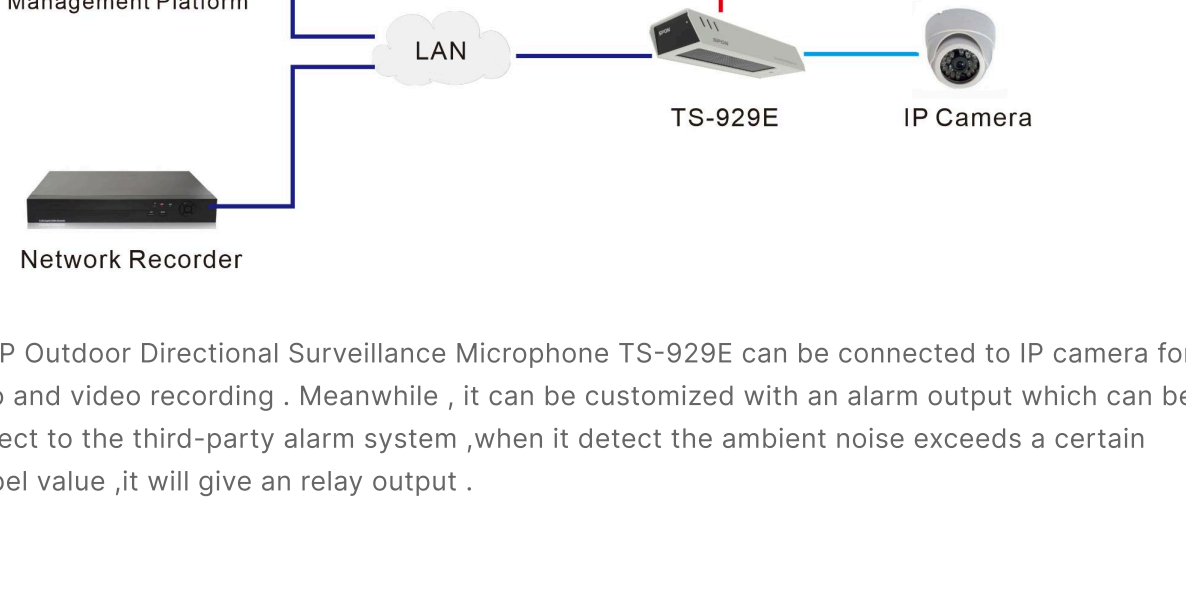


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## CONNECTION DIAGARM



## APPLICATION



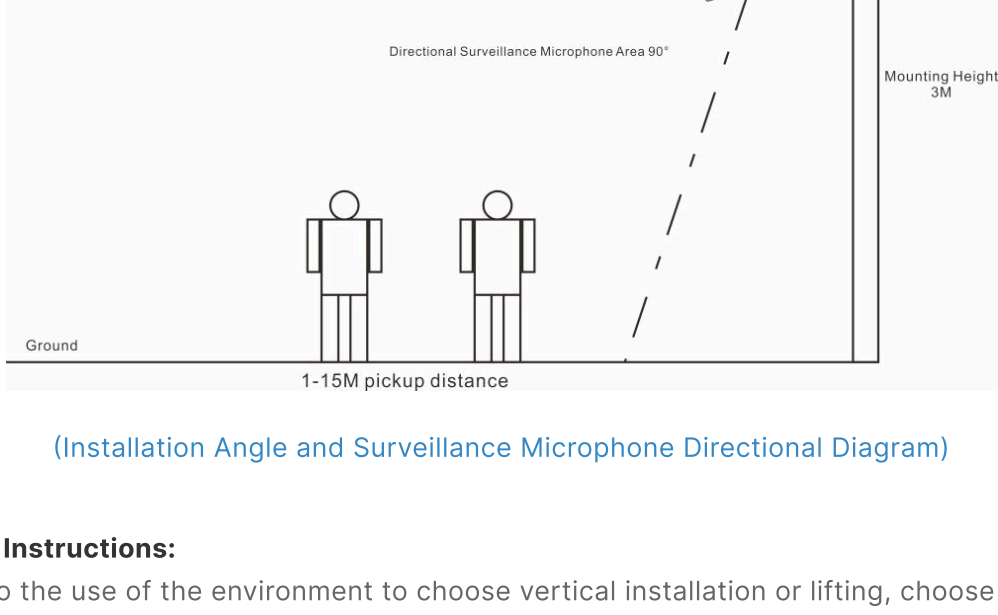
The IP Outdoor Directional Surveillance Microphone TS-929E can be connected to IP camera for audio and video recording . Meanwhile , it can be customized with an alarm output which can be connect to the third-party alarm system ,when it detect the ambient noise exceeds a certain decibel value ,it will give an relay output .

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## INSTALLATION

### Installation Environment:

Wall, Ceiling, Monitoring Rod, Metal Column



(Installation Angle and Surveillance Microphone Directional Diagram)

### Installation Instructions:

According to the use of the environment to choose vertical installation or lifting, choose vertical installation, the support installed at the bottom of the pickup; When hoisting is selected, the bracket is mounted on the top of the pickup. First, three combination screws of M6\*12 are used to fix the support, and then M3\*6 countersunk cross screw is used to fix, as shown in the figure below:



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### • Installation method 1:

Adjust the Angle of the pickup, punch three holes in the wall according to the mounting hole of the support, and then drive the plastic expansion sleeve into the hole, and then use three semi-round head cross screws (ST4\*20) to fix the pickup on the wall;

### • Installation method 2:

Adjust the Angle of the pickup, use the mounting hole of the bracket, fix the pickup on the monitoring rod or metal post with a drilling screw;

### • Installation method 3:

Adjust the Angle of the pickup, and fix the pickup on the equipment fixing plate supporting the field equipment fixing plate and screws;

### • Installation method 4:

Install the device on the monitoring rod or other rod-shaped structure through the square hole or side slot of the support through the hoop.

## CASE

