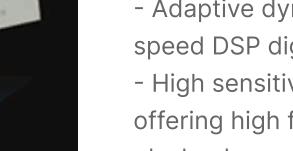




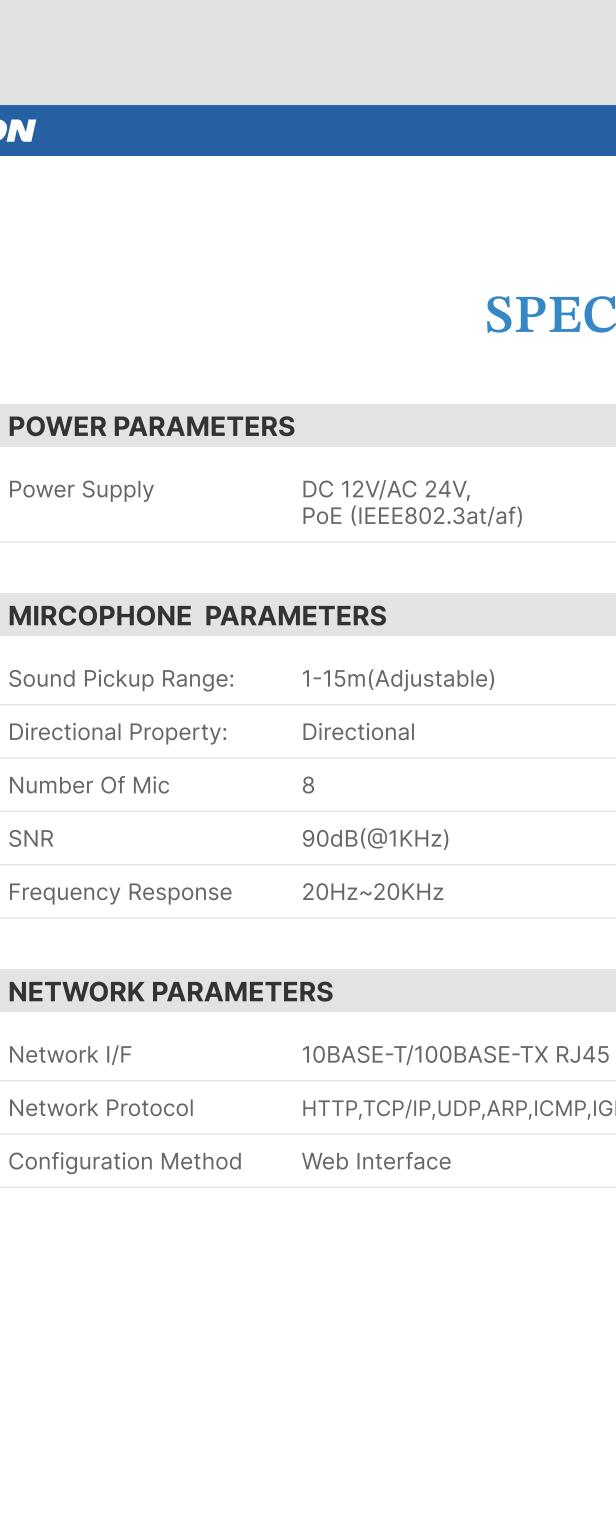
## TS-929E

### 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



### 1. Robust Design and Material Quality

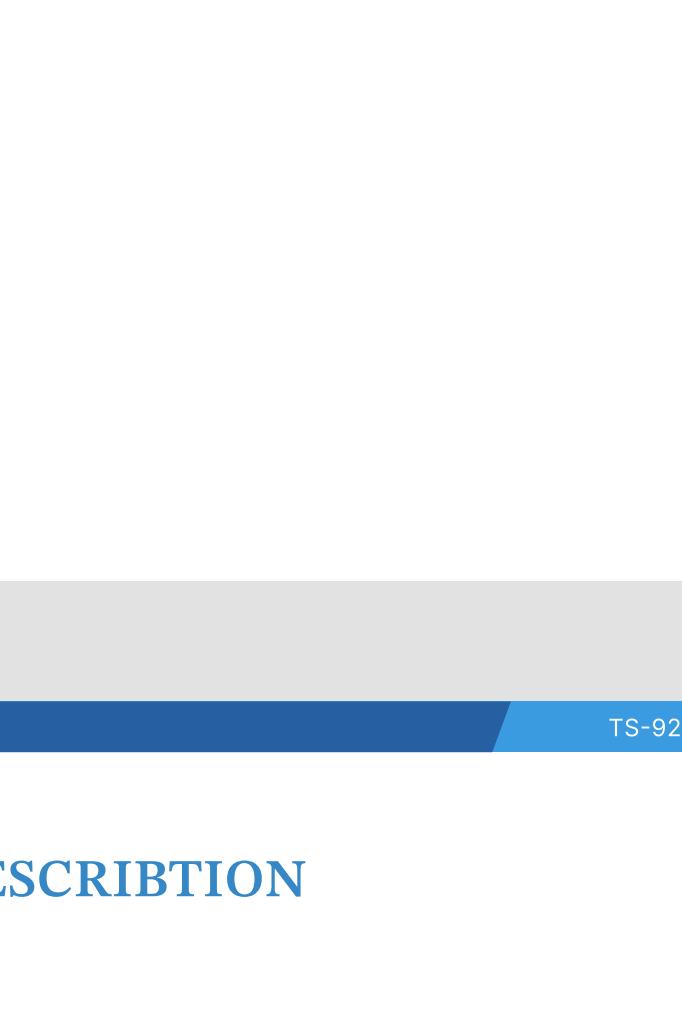
- Durable metal structure with an aluminum alloy shell, featuring corrosion resistance and suitable for outdoor use with waterproof and dustproof qualities.

### 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.

### 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.



01

## SPECIFICATION

### POWER PARAMETERS

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

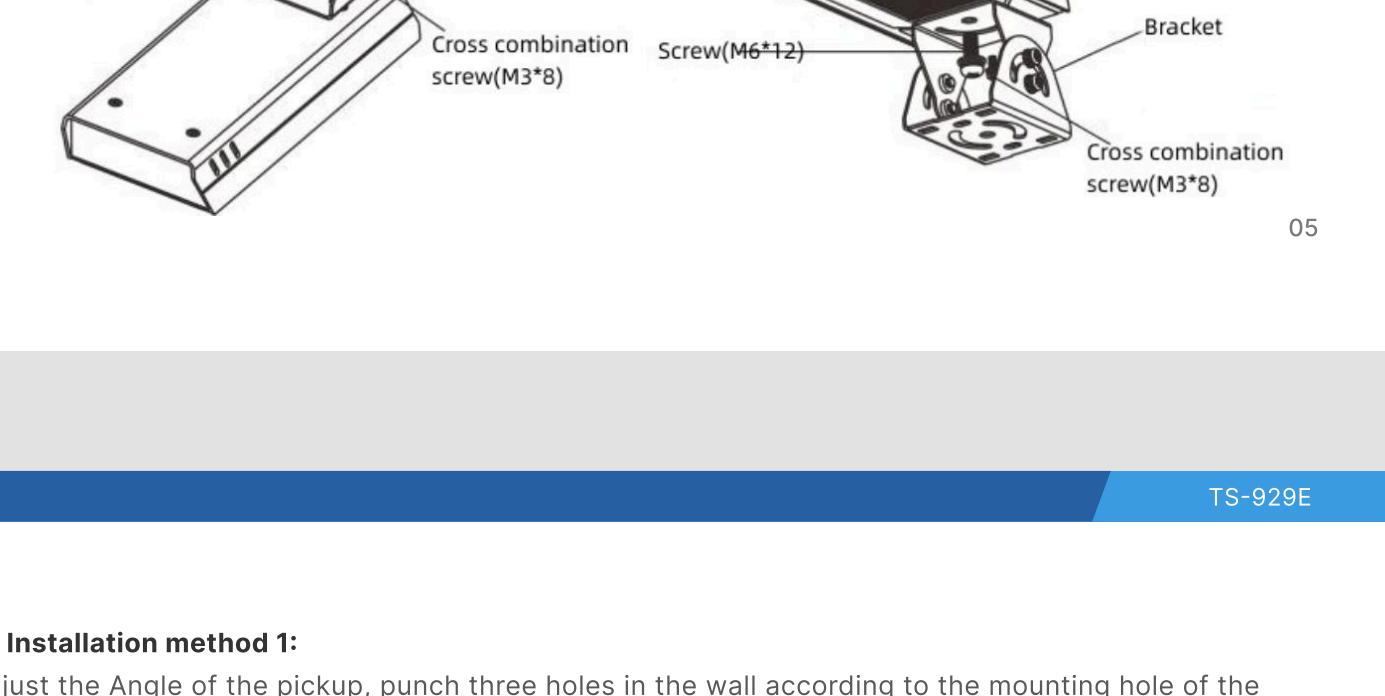
Mounting Method	Surface Mount
Installation Environment	Outdoor Environment
Operating Temperature	-20°C~+60°C
Body Material	Metal
Product Dimensions	188*75*32(Mm)
Product Warranty	2 Years Limited

### 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

02

## PORTS DESCRIPTION

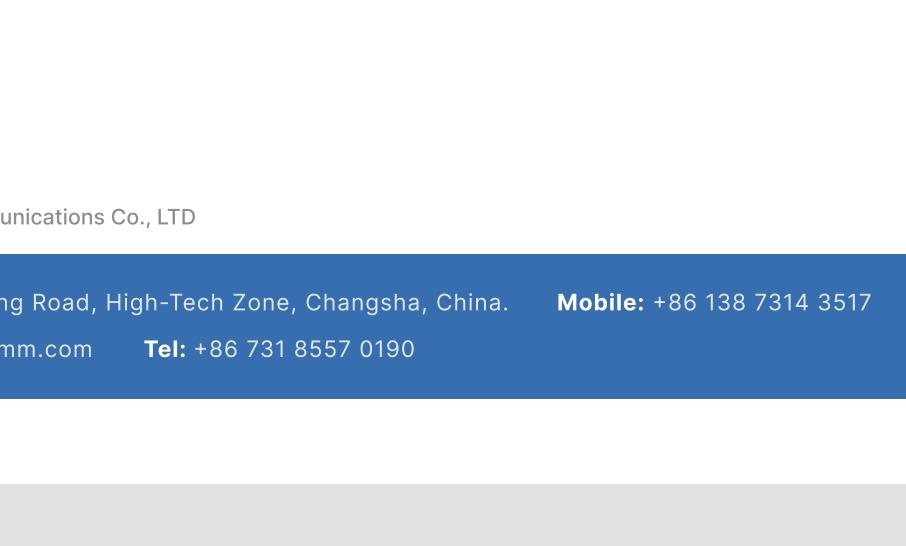


② **Status Light:** Indicates the terminal status, which is described as follows:

Working Status	Indicator Light Status
Device Query	Steady green light
Login Platform	Green light keeps on for 5 seconds and then turns off for 500ms,Loop
Pull Stream	Green light slow flash
Work abnormal	Red light constantly on

03

## CONNECTION DIAGRAM



## 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.

04

## INSTALLATION

### Installation Environment:

Wall, Ceiling, Monitoring Rod, Metal Column



1-15M pickup distance

Pointing Angle 90°

Directional Surveillance Microphone Area 90°

Mounting Height 3M

Ground

1.15M pickup distance

Pointing Angle 90°

Directional Surveillance Microphone Area 90°

Mounting Height 3M

Ground

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