



TS-810A

Desktop Surveillance Microphone

Desktop Design
Professional Recording
Dynamic Noise Reduction
Acoustic Echo Cancellation
Versatile Integrations with IPC, NVR

Distance
Adjustment

Metal Alloy

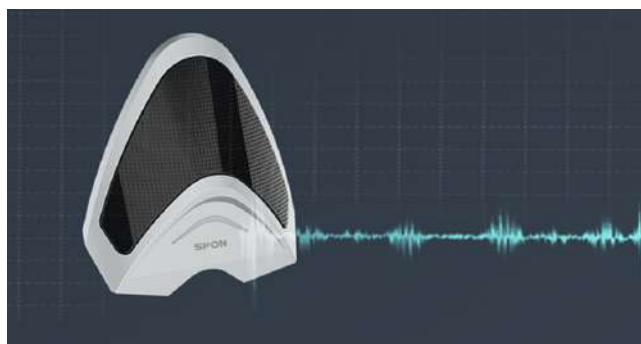
Volume
Adjustment

HD Sound
Collection

MAIN FEATURES

1. Durability and Design

- **Stylish Metal Construction:** Undergoes sandblasting and oxidation for a dynamic, tech-savvy appearance.
- **Standardized Design:** Aligns with national 86 box size and structure standards, facilitating easy installation and maintenance.
- **Temperature Resilience:** Operates effectively in temperatures ranging from -35°C to 70°C, suitable for harsh environments.



2. Audio Quality and Technology

- **Professional Microphone Capsules:** Precise design and circuit processing for clear, natural audio.
- **AEC and Noise Reduction:** Acoustic Echo Cancellation and adaptive noise reduction enhance voice clarity and fidelity.
- **Manual Adjustment:** Flexibility to adjust microphone distance and volume based on environment.
- **Automatic Gain Control:** Balances sound levels, ensuring clear and bright playback.
- **Impact Noise Adjustment:** Automatically manages high-intensity and sudden noises, protecting backend equipment.

3. Connectivity and Integration

- **Professional Audio Chip Compatible** with active speakers, computers, DVRs, network cameras, etc.
- **Superb Line Audio Transmission:** Capable of transmitting signals up to 3000 meters with shielded cables in complex environments.
- **Reverse Polarity Protection:** Ensures safe power supply installation and wiring.

SPECIFICATION

POWER PARAMETERS

Power Supply: DC12V ,2A

AUDIO PARAMETERS

Sound Pickup Range: 1-3 Meters(Adjustable)

Directivity: Unidirectional

S/N (Signal-to-Noise) Ratio: 85dB@1Khz

Sensitivity: -45dB

Dynamic Range: 95dB(@1KHz)

Signal Output Level: 2Vrms(@1KHz)/
5.6Vpp(@1KHz)

Output Impedance: 600~1000Ω Unbalanced

Frequency Response: 20Hz~20KHz

MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method: Desktop Mount

Installation Environment: Dry Indoor Locations Only

Operating Temperature: -35°C~+70°C

Operating Humidity: ≤90% RH non-condensing

Housing Material: Aluminium Alloy

Net Material: Metal

Color: Silver+Black

Product Dimensions: 105*100*25mm

Product Warranty: 2 Years

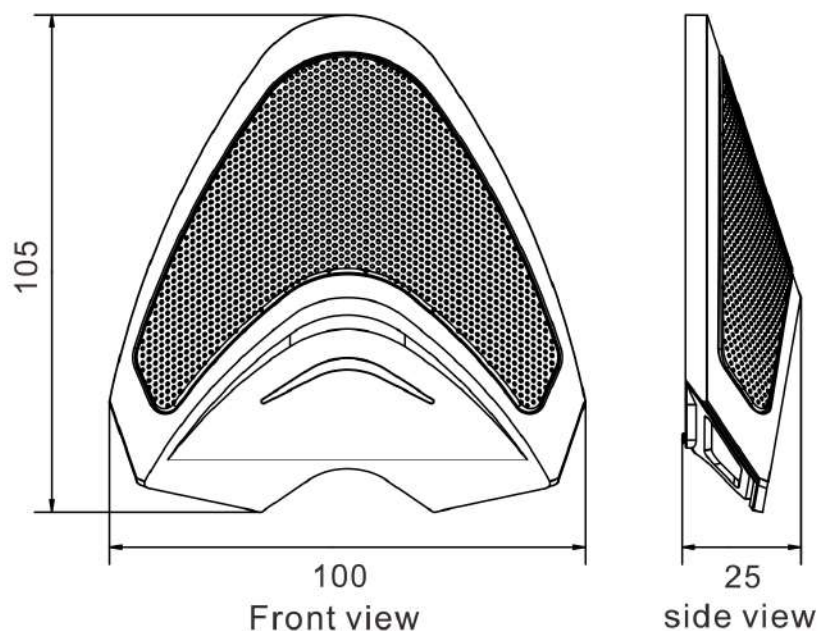
ACCESSORIES

1× Wire terminal(3.81-4P)

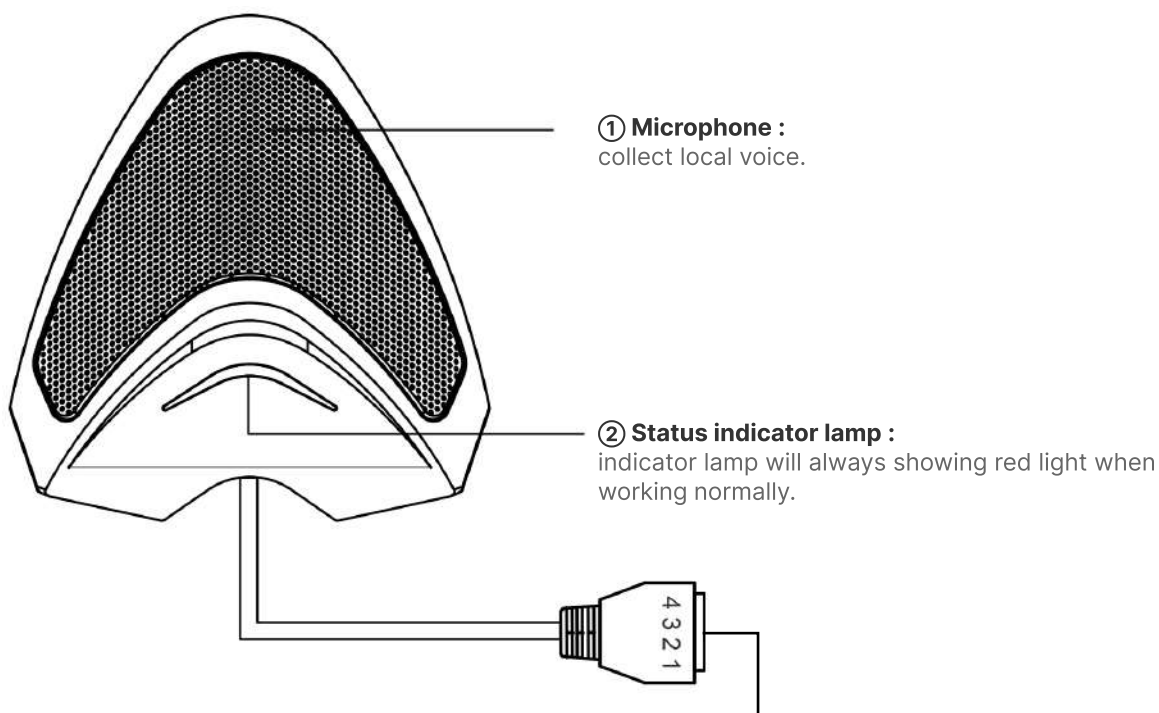
1× Certificate of Compliance and Warranty Card

1× Quick Installation Guide

DIMENSIONAL DRAWING



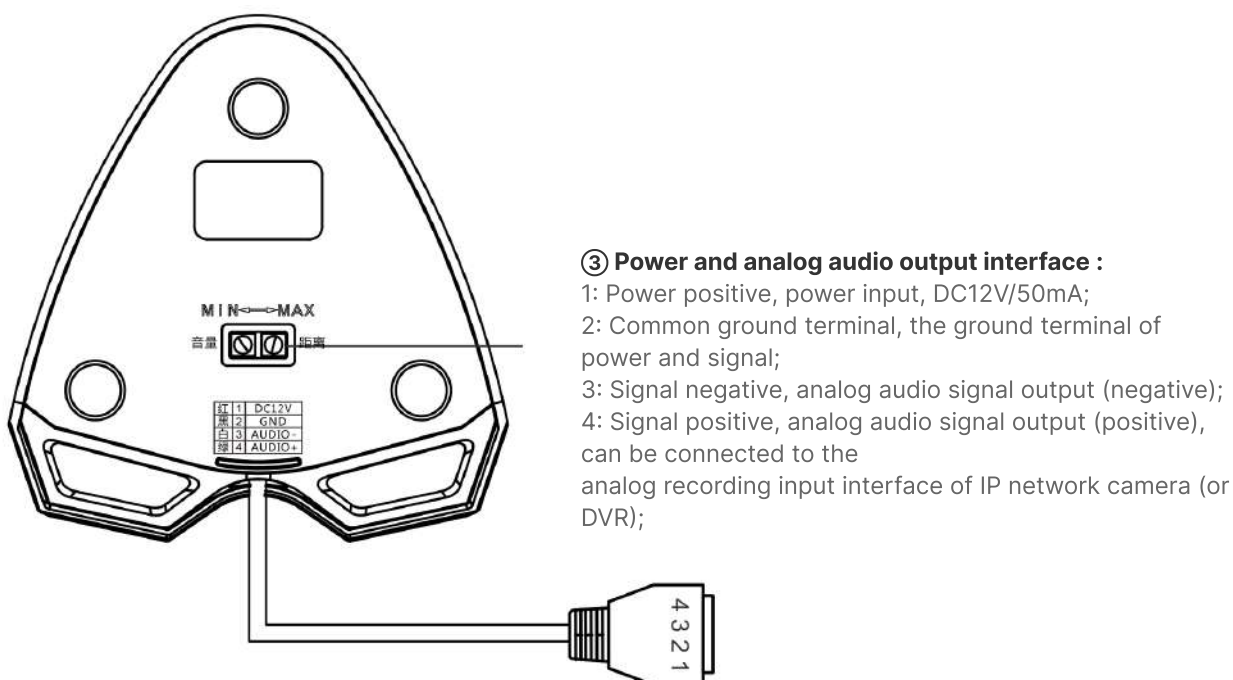
INTERFACE DESCRIPTION



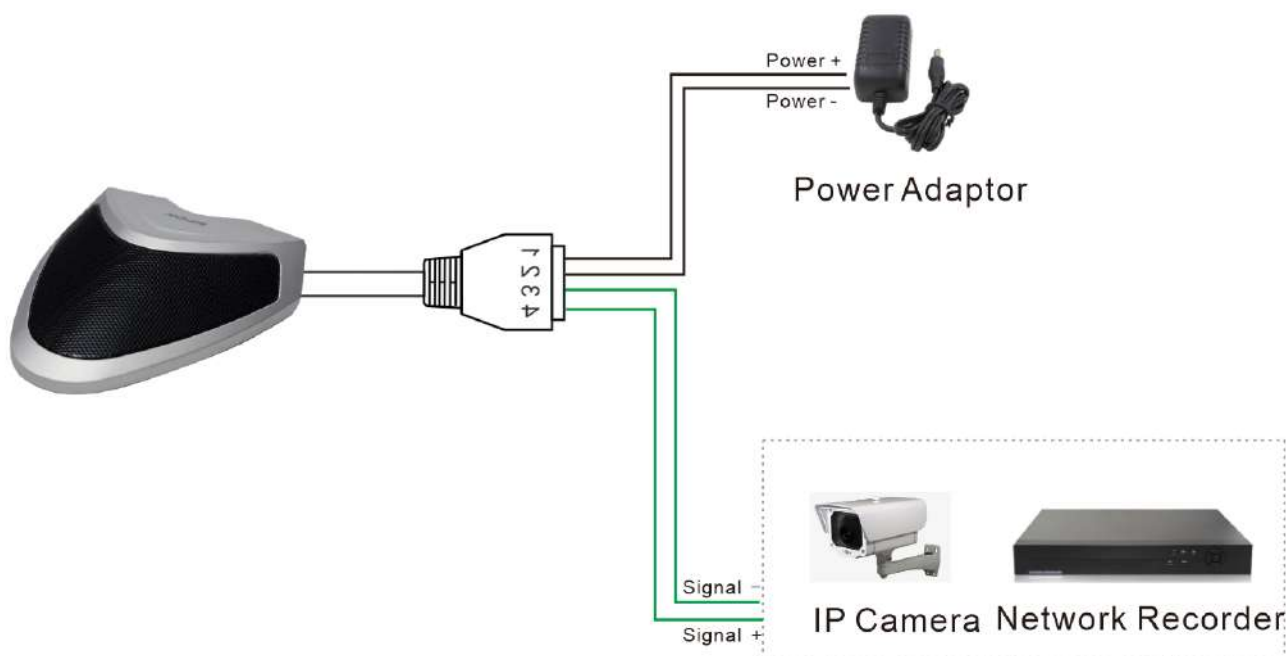
④ **Volume adjustment/sound collection distance adjustment knob :**

The left one is volume adjustment knob, clockwise rotation to increase the volume, counterclockwise rotation to decrease the volume.

The right one is sound collection distance adjustment knob, clockwise rotation is short distance sound collection, counterclockwise rotation is long distance sound collection.



CONNECTION DIAGRAM



APPLICATIONS

Application 1

SPON HD Desktop Surveillance Microphone TS-810A has audio output interface which can be connect with digital camera for Synchronous storage of audio and video.

