



TS-906A

Ceiling Surveillance Microphone

DSP & AEC Technology
Dual Recording for Sync
Hidden Secure Installation
Automatic Fault Status Reporting
Versatile Integrations with IPC, NVR

HD Sound
Collection

Digital Noise
Cancel

Metal Alloy

Protection of
Power Supply

MAIN FEATURES

1. Design and Aesthetics

Elegant Appearance: The installation structure is treated with processes such as sandblasting and oxidation, presenting an overall elegant and noble appearance.

2. Audio Quality

Professional Microphone Capsules: Utilizes professional recording and interview microphone capsules, precise design, and circuit processing technology, resulting in clear and natural audio quality.

Noise Reduction Technology: AEC (Acoustic Echo Cancellation) and adaptive noise reduction technology effectively reduce background and environmental noise, ensuring high voice clarity and fidelity.

3. Flexibility and Adaptability:

Manual Adjustment: Manual adjustment of microphone distance and volume according to the on-site environment for flexible adaptation to various conditions, achieving optimal monitoring results.

Automatic Gain Control (AGC): Built in Automatic Gain Control (AGC) circuit automatically suppresses high-intensity sounds, eliminating variations in sound levels from different distances, resulting in clear and bright playback sound.

4. Functionality and Compatibility:

--Safety Features: Automatically adjusts high-intensity sounds and sudden impact noises to reliably protect the safety of backend audio monitoring equipment.

--Versatility and Compatibility: Integrated professional audio processing chip, compatible with active speakers, computers, DVRs, network cameras, and other devices.

--Long-Distance Transmission: Superb line audio transmission technology, with a signal transmission distance of up to 3000 meters (use shielded cables in electromagnetic complex environments).

SPECIFICATION

POWER PARAMETERS

Power Supply	DC12V ,2A
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AUDIO PARAMETERS

Sound Pickup Range	5-100 Square Meters(Adjustable)
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Directivity	Omnidirectional
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Sensitivity	-35dB
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Signal Output Level	1Vrms
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Frequency Response	20Hz~20KHz
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MECHANICAL&ENVIRONMENT PARAMETERS

Mounting Method	Ceiling Mount
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Installation Environment	Dry Indoor Locations Only
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Operating Temperature	-20°C~+60°C (-4°F~140°F)
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Operating Humidity	≤90% RH non-condensing
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Housing Material	Aluminium Alloy
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Color	Silver
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Product Dimensions	Φ79 x 22mm
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Product Warranty	2 Years
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ACCESSORIES

1× Waterproof Tail Wire(RJ45)

1× Wire terminal(3.81-4P)

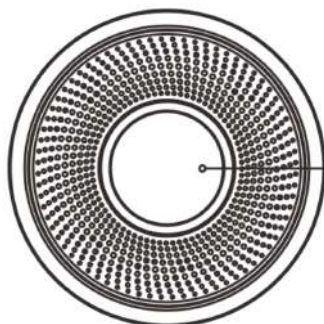
3× Plastic expansion sleeve(F7)

3× Round-head Phillips screw(ST4*25)

1× Certificate of Compliance and Warranty Card
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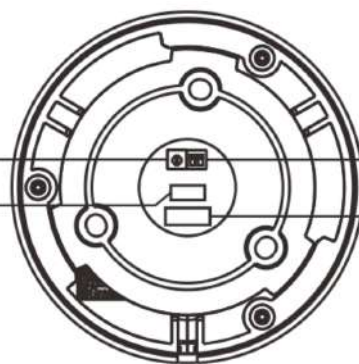
1× Quick Installation Guide

PORTS DESCRIPTION



① Status Indicator Light:

When power on , the green light always on



② **Volume Adjustment Knob:** Increase the volume clockwise and decrease the volume counterclockwise;

③ Dial Switch:

The first position of the dip switch is the noise suppression switch, and it is factory-defaulted to the 'on' position. The second position is the offline noise alarm switch. Setting it to the 'ON' position activates the offline noise alarm function. When the ambient volume around the microphone reaches a certain level, it will trigger the noise alarm. Setting it to the 'OFF' position deactivates the offline noise alarm function.

⑤ Power and data communication interface:

Note: Please insert the single-head RJ45 waterproof tail line in the packing list into this interface) : connect this interface to the IP sound pick-up gateway to complete power supply and data transmission. (Using digital recording, if the recording equipment can't provide power supply, then the power interface in "④" needs to be connected

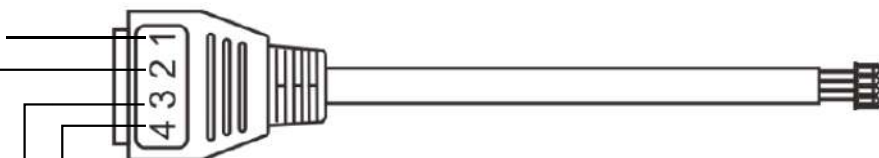
④ Power and Audio Output Interface

1 : Power Positive Pole (Red): Used for input power supply with a specification of DC12V/2A.

2 : Common Ground Terminal (Black): The common ground for both power and signal.

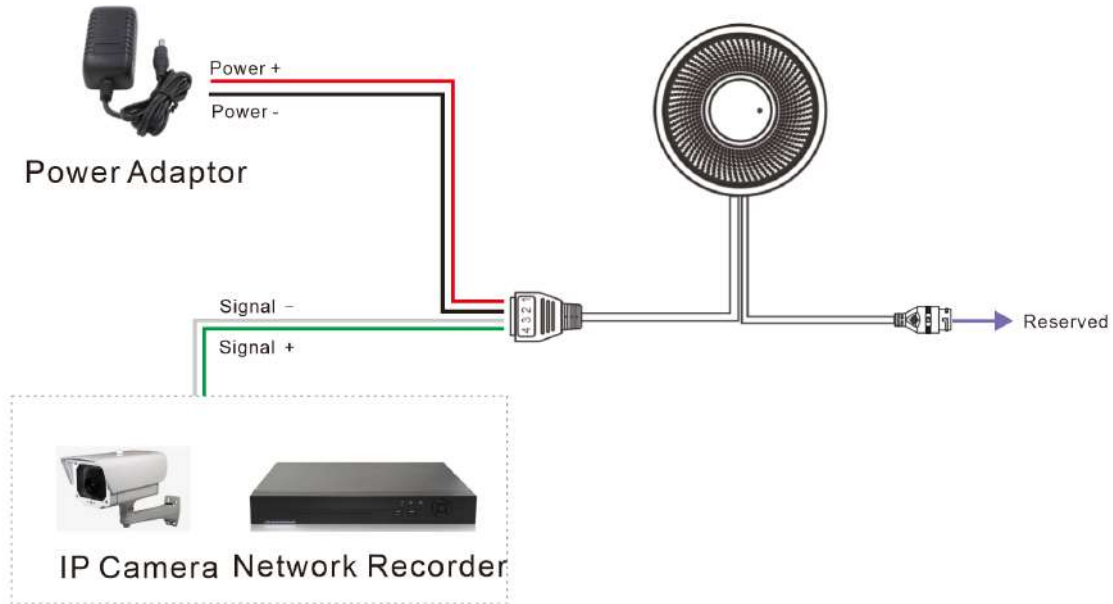
3 : Signal Negative Pole (White): Outputs analog audio signal (negative)

4 : Signal Positive Pole (Green): Outputs analog audio signal (positive)

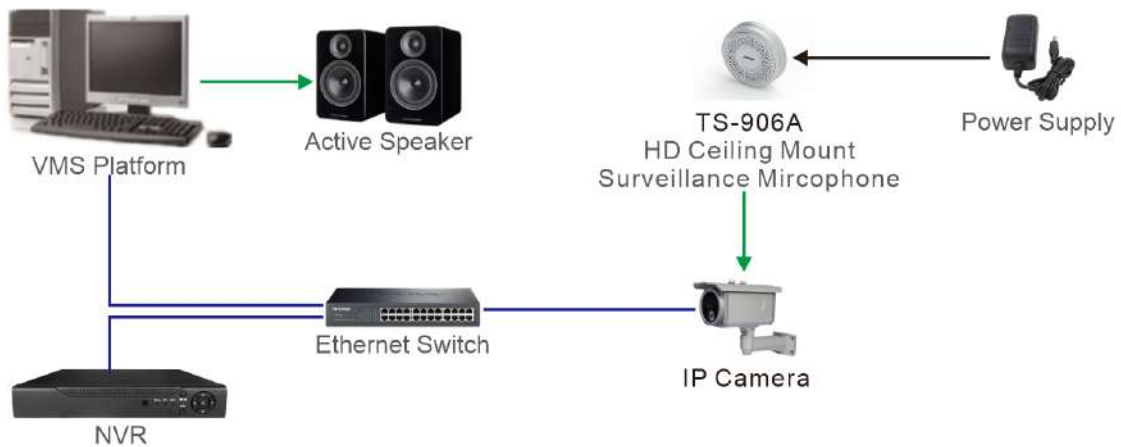


CONNECTION DIAGARM

The analog horn speaker NAC-2506 can be connected with constant voltage amplifier for receiving broadcast or announcement from server software or IP paging mic .



APPLICATION



SPON HD Ceiling Mount Surveillance Mircophone TS-906A has audio output interface which can be connected with audio input of IP camera for audio and video recording.

INSTALLATION

Secure the microphone base to the ceiling using the included self-tapping screws and plastic expansion sleeves. Align the microphone groove with the base buckle, following the directional markings in the diagram. Rotate it in the indicated direction until you hear a 'click,' indicating that the installation is in place.

