



# **Surveillance Security Pickup**

Specification

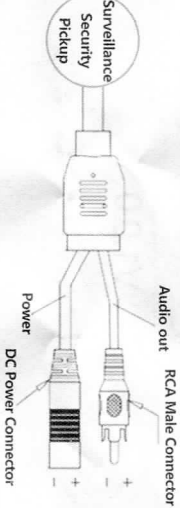
V1.0.0

The accessories bag includes the following items:

Name	Quantity
Surveillance Security Pickup	1
3.5mm to RCA Adapter	1
ST4 Screw	3
Plastic Anchor	3
Screwdriver	1

# 1 Overview

The Surveillance Pickups are independently developed and manufactured for surveillance application to pick up the voice in different circumstance. They are widely used in Bank, Police Station, Court, Prison, Education Institution, Military Department and so on. The inside customized high-fidelity pickup works with professional low noise and real time signal process circuit, to implement AGC, ALC, Antivibration and NR algorithms for a variety of specific applications.



## Method of Use

1. Connect the surveillance security pickup's DC connector to DC+12V power; Connect the RCA connector to IPC or HCVR; There is a sensitivity adjustment in the back(linear power adaptor is preferred);
2. The shield layer of the cable should be connected to audio ground(or power ground)especially for long distance cable;
3. Rotate the sensitivity adjustment clockwise to increase the volume and sensitivity, rotate it counter clockwise to reduce the volume and sensitivity of the audio output.

## 3 Caution

1. Surveillance security pickup's output can not be used as the input of a local speaker, which will be howling;
2. Surveillance security pickup's output can not simply be used as the input of two way communication application, which will cause howling and echo;
3. Surveillance security pickup's output can not be connected to pickup input interface, which maybe will damage the back-end record device;
4. Surveillance security pickup prefer line DC power adapt or, switching mode power supply's output noise is bigger. Elite Audio also provides professional power supply for surveillance security pickup.

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PAGE SOLUTIONS

Output Phenomenon	Possible Causes	Possible solution
No indicator light	Incorrect power supply	Check the connection of power supply
Silent or only sizzle	Audio ground suspended	Audio ground connection to the Audio pickup device's ground
Too noisy	Interface does not match	The output of Audio pickup device should connect to Line in I/F
Low audio volume	Adjustable potentiometer issue	Adjust potentiometer to make it louder
Noctfluency sound	Network congestion when Audio pickup devices output connect to IPC	Check the network
Power sizzle	Poor quality of power supply	Replacing high-quality DC (linear) power supply
Howling	Pick Audio pickup device's output connect to local speaker directly	Use headphones to listen the preview output of Audio pickup device or listen the record file
Echo	Speaker and Audio pickup device in the same room in a two way communication	Place the Speaker and Audio pickup device in different rooms or add Echo Cancelling Device
Interferenced by other signal	Audio track is too long or too near to interference source	Reduce audio tracks or put it far away from interference source