SPON
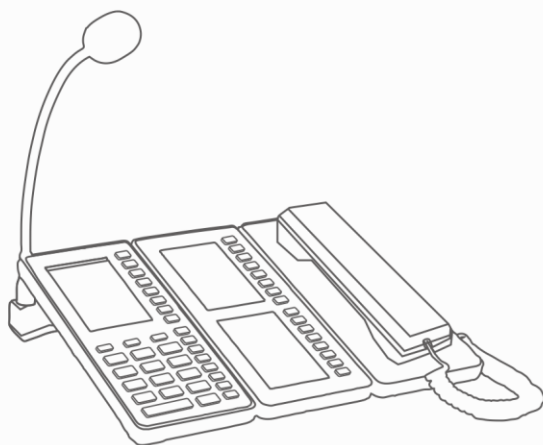
IP NETWORK VIDEO MICROPHONE
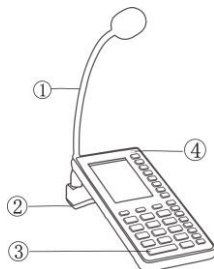
Installation Instructions

Interface Specification

Front

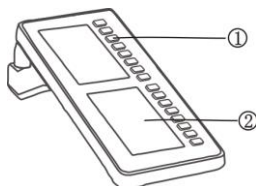| 1.IP network video microphone	2.Expansion panel （optional configuration)	3.Receiver panel （optional configuration)

① Microphone pole

② Loudspeaker

③ Keyboard
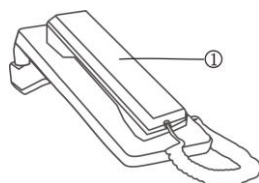
Mutual input channel, accept Command input.

④ Camera

① Key

②Display screen

True color display screen indicate complete machine login status, volume value, partition list and other relevant information
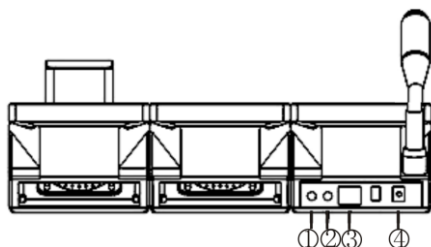
①Receiver

Built-inloud speaker and microphone, Restore the remote voice and set the scene voice.
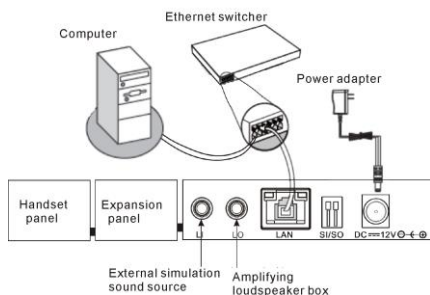
Back

①②③ ④

①Audio input circuit interface: connect with earphone or other 3.5mm audio plug.
②Audio output interface: The interface of the output is the original audio signal. Can be used as a source of sound to the amplifier or active loudspeakers, and background music playing, the factory setting is audio output.
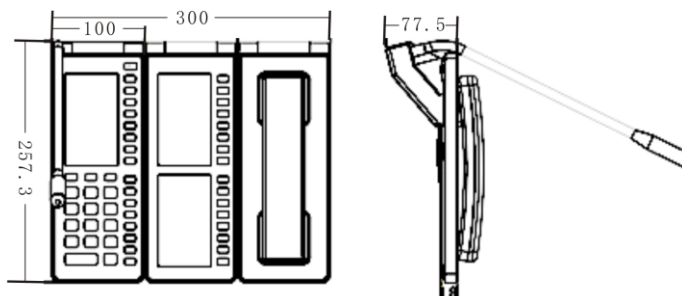③Ethernet interface: use the cable to connect the server and terminal.
④Power input interface: connect 12V DC power.

Connection Diagram

Ethernet switcher

Computer

Power adapter

Handset panel | Expansion panel | LI | LO | LAN | SI/SO | DC 12V

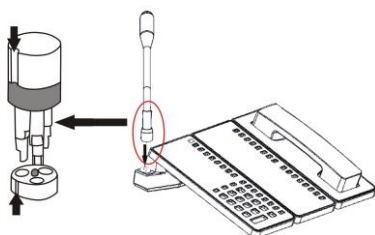External simulation sound source   Amplifying loudspeaker box
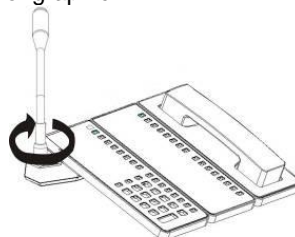
Appearance installation dimension drawing (Units: mm)

Microphone pole installation method

(1) Microphone pole groove install
Accordance with the pedestal raised groove.

（2）Screwing the rotary knob tightly according to the direction of graphic

Remark: expansion panel and receiver panel is optional configuration.

IP network video microphone setting
Liquid Crystal Display Setting
(1)When the terminal is free, press 【information】 key, enter password 【123456】 could into the system setting interface.
(2)Then press "F4"button in the system setting interface, enter into the terminal setting interface.
- Press F2 button to modify equipment ID, press F3 button to modify equipment IP manually. (Note: ID and IP can not be same as other terminal or mainframe.)
- Press shortcut key F5 in the system setting interface could check the parameters configuration, file management, version information, device and SIP account these information.
- Press shortcut key F6 in the system setting interface could updating the expansion panel program.(please use it carefully）

visit web interface
（1） Please enter the terminal address in browser, (the factory default IP address is 192.168.1.101, IP address could be checked from the terminal information) then press enter.
（2）Enter the user name and password in Web login window (default is admin), click OK.

Remark: More information, please refer to the User's Guide.

Specifications, Functional Unit and Parameters

Power, Power consumption	DC12V/2A, ≤15W
Line Output Rated Voltage	500mV
Functional unit interface	Audio output t port:1pc, Audio input t port:1pc, Power input port:1pc, RJ45 network port: 1pc, SD card port: 1pc, alarm input port or alarm output port : 1pc
Network communication protocol	TCP/IP、UDP、ARP、ICMP、SIP、IGMP protocol
Network chip rating	10/100Mbps self-adaption
Voice frequency encoding	PCM, ADPCM
Audio sampling & bit rate	8K～44.1KHz, 16bit, 8kbps-320kbps
Video transmission rate	96Kbps-512Kbps
Camera	CMOS
Display screen	TFT 4.3"LCD(480x272)
Total harmonic distortion	≤0.3%, 1kHz
SNR	≥85dB（A Weighted）
Frequency response	60Hz-9kHz
Video encoding format	H.264
Working temperature &Humidity	-10℃~55℃, ≤90%RH（no condensation）
Dimension & Weight	300x257.3x77.5mm, 2.3kg

Trouble shooting

Fault Phenomenon	Failure Cause and Trouble Removal
Unable to initiate SIP calling	Check the machine normally login to the server or not, it can check it from the terminal information.
Unable to transfer	1. The target terminal haven`t login to server. 2. The target terminal without transfer function.
Web abnormal	Empty the cache or modify the browser.

Packing list

Power adapter
(DC12V/2A) 1pcs

Installation
instructions 1pcs

Microphone
pole 1pcs

Certification 1pcs