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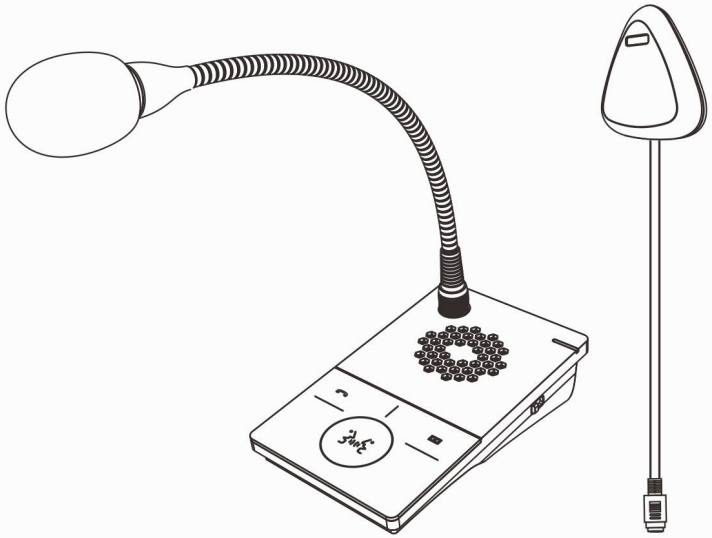
IP DIGITAL WINDOW INTERCOM

Installation Manual

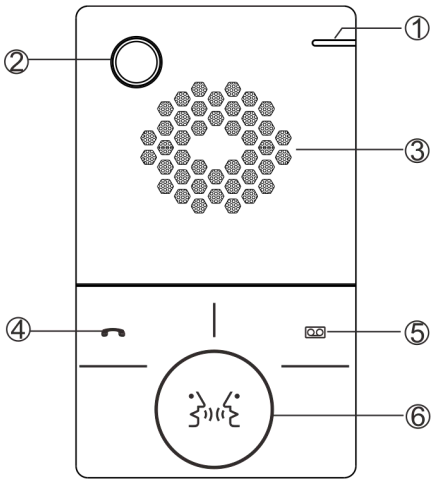


IP NETWORK INTERCOM SYSTEM

Interface description

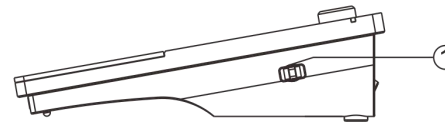
Internal window intercom module

【Front】



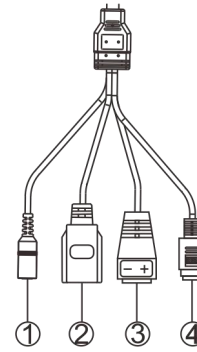
① Network status indication: red light is offline, green light is online
② Gooseneck microphone socket: plug the gooseneck microphone and fix the screw.
③Loudspeaker: amplify the audio from the external window intercom.
④ Voice broadcast button/ remote intercom button (left):
When the intercom button ⑥ is on (blue light ON):
Press voice broadcast button shortly to broadcast "Hello, welcome" message
Press long (1 second) to broadcast "Thank you, welcome next time.". The broadcast button flashes green during broadcasting.
⑤ Remote intercom button (right) : when the terminal is connected to the server, press button to make a call to the supervisor intercom terminal specified by the server.
⑥ Intercom button: press the button to communicate with the external window intercom, finish the conversation by pressing the button again. The intercom button light blue during conversation.

【Side】



① Scene mode adjustment switch:
3 scene modes are available:
1. noisy（to the front)
2. standard（in the middle）
3. quiet（to the back)
Standard is the default mode.

【connection wiring】

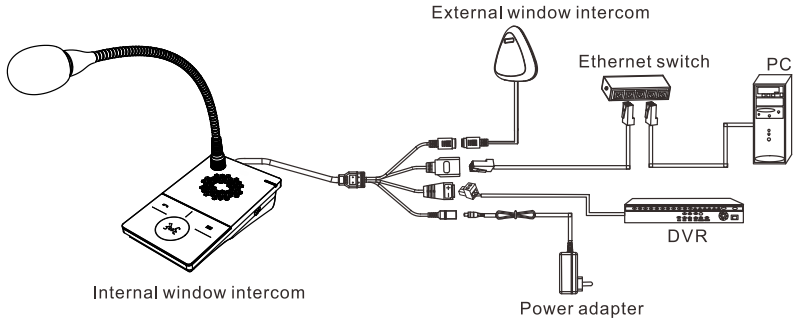


① Power interface: connect with 12V/1.5A power.
② Network interface: insert the cable to switcher
③ Analog audio output interface: output analog audio, connect with DVR or IP camera.
④ External window intercom interface.

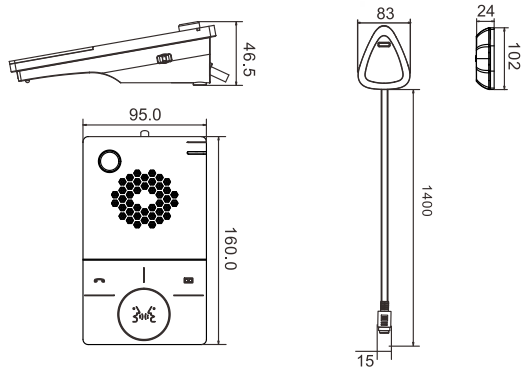
External window intercom module

① Loudspeaker/MIC：
Loudspeaker：amplify the audio from the internal window intercom.
Microphone：pick up the audio at the external window intercom module.
② Connector to the internal window intercom module.

Connection diagram



Appearance installation dimension (unit: mm)



Installation introduction

（1）Firstly, put the internal window intercom on a suitable place;(Please refer to the installation manual).
（2）Fix external window intercom, tear off the 3M glue protective layer at reverse side, then paste the external window intercom on the glass;（At the same time, the bushings in the attachment can be inserted into the interface above the outer wire, and then the EV cotton can be used to paste the protective wire sleeve vertically on the glass to avoid loosening the interface due to the wire pulling.）
（3）Connect internal window intercom with external window intercom according to the connection diagram.

Notes: please refer to the user manual for more detailed information.

IP digital window intercom configuration

（1）Connect the computer (installed an IP audio terminal configuration tool) to the terminal by couplet cable. Under the [optical disc:\tool software\ ]menu to find and run “DevConfigTool.exe”, input the defaulted password“123456”.

（2）From the right menu choose【Mandatory config】, then fill the correct parameters in the【terminal parameters】, click "send parameters" button to complete the IP parameters Settings.

Specification, functional parts, and parameters

Power Supply, Power consumption	DC12V/1.5A, ≤5W
Functional parts interface	Power interface, analog audio output interface, network interface, PS/2 interface
SNR	>90dB
Frequency response	20Hz～16KHz
Audio sampling	8KHz～32KHz
Network communication protocol	TCP/IP、UDP、ARP、ICMP、IGMP、FTP
Audio encoding	PCM/AAC
Working temperature and humidity	-10℃～55℃, ≤90%RH （non condensing)
Appearance size, Net weight	Internal window intercom: 95x160x46.5mm, 0.44kg External window intercom: 83x102x24mm, 0.2kg

Trouble shooting

Trouble phenomenon	Fault reason & exclude
Why the terminal can not talk with others?	1. Check whether internal window intercom logs in to the server; 2. Check whether the mapping settings of the server are correct.
When Web show abnormal	Please clear the cache or change the browser

Packing list

Wiring terminal 1PCS (3.81-02P)

Cable clamp 3 PCS (HC-100)

Certification 1PCS

Installation manual 1PCS

EV-cotton 1PCS (SPEV-63) (black external machine dedicated)

Wiring harness 3 PCS (3*100mm)

Power adapter 1 PCS (DC12V/1.5A female head) (International standard/European standard/American standard/British standard/Australian standard) **(Optional)**

Microphone pole 1PCS (DC-300B)

Bushings 1PCS (black external machine dedicated)

SPON Communications Co., Ltd.
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Wechat

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