Digital Window Intercom

OP-6505
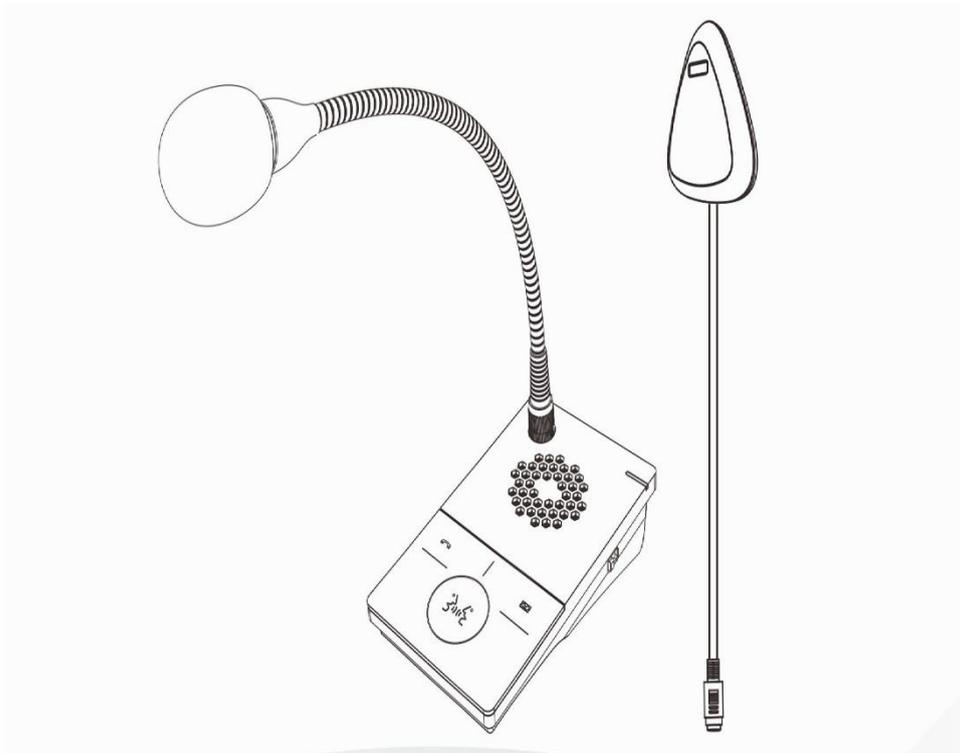
User Guide
2020

EN | Contents

Summary

Safety precautions

• Please abide by the warning and the relevant safety tips.

• Please take this manual in convenient place for future reference.

Warning and Reminding

This symbol means there are potential safe troubles, it may cause death or serious injury with incorrect operation.

This symbol used to remind the user that this device attached the important operation and maintenance instructions.

Setting and Installation

• Avoid wet by water.

Do not put the machine to be exposed to rain water or other liquid stained environment, otherwise it may lead to fire or get an electric shock.

• Do not use the other power voltage.

Using the device marked voltage to connect it.

It may lead to fire or electric shock if using the higher voltage.

•Do not scratch the power cord.

Don't scratch, cut or twist the power cord.

Please keep the power line far away from the heated object and do not put heavy things on it, otherwise it may lead to fires or electric shock.

Using machine

•In case of the anomalies appears.

Please shut off the power supply immediately when finding the following abnormal phenomena within using, please contact with supplier. It may cause fires or electric shock if it`s still using it.

When the device with smoking or strange flavor.

The device internal is invaded by water or other things. Device fall off or device shell is damaged.

The power cord is damaged (wire core is exposed or broken etc). Device fault (it can`t connect network, no sound etc.).

•Do not open the device internal or modify the device Don`t make other things invaded to the device internal.

Don't make the metal items or inflammable objects inserting to device internal, otherwise it will cause fires or electric shock.

• Do not touch when lightning

To avoid electric shock, please do not touch the device and the plug while lightning.

• Do not put the liquid container or metal object on the device

If the container is fall down and make the liquid permeate into the device, it will cause fire or electric shock.

• Do not open the device internal or modify the device

The device internal contains high voltage parts, once open the cover or modify the device, it may cause fires or cause shock.

All about device maintenance and modification should be operated by professional personnel.

•The notice for maintenance or long time without using

Please shut down the power and pull out the power line while maintenance or the device won`t be used for 10 days or more. It may cause electric shock or fires if do not make it.

Product introduction

Digital window intercom embedded IP Audio digital network audio technology of independent intellectual property rights, combined with internal and external window intercom, equipped with power input interface, communication interface, recording output port to realize digital full-duplex intercom.

Internal window intercom   External window intercom

Features

- Adopt single DSP multi-channel language auto-control technology, avoiding squeaking and disturb to realize real digital full-duplex intercom.
- Adopt full touchable transparent key design, keep intercom without disturb from key-click and keep it with the halo light on.
- Recognizing sound source, control environment noise, automatically adjust volume and restore the original sound.
- Providing three mode scene (quiet, standard, noisy), support one-key adjustment.
- Wiring external and internal intercom adopt one line to connect the desk, better solving the loosen caused by moving and keeping the desk more clear and beautiful.
- Professional cavity structure design, adopting hard metal cavity to prevent machine resonance, purify and naturalize the sound to transparent.
- Personalized and customized service language, manual broadcasting "Hello, welcome", "Thank you welcome for next time coming"
- Support double recording mode and providing the recording output to IP network HD recording host and DVR to process the third-party recording storage.
- LED distinguished show the real state of internal window intercom.

Coordinate IP network HD recording host function:
- Realizing remote calling and receive calling, hands-free intercom with central microphone.
- Remote central microphone can real-time monitoring window intercoms.
- Receiving remote one-way network broadcasting.
- Internal window intercom can make real-time recording by the record key and it will be stored on the IP network HD recording host.
- Remote upgrading the firmware of window intercom in the web page of IP network HD record host.

Hardware interface instruction

Internal window intercom
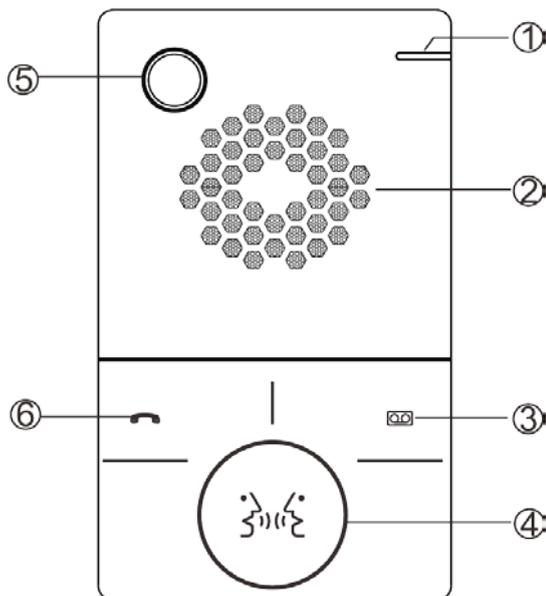
【**Front view**】

①Working indication light: red light is offline, green light is online

②Loudspeaker: amplify the local intercom audio.

③Recording key: make a recording when press the key at the first time, finish the recording by press again, the recording

 key will quickly red flashed in the recording process.

④Intercom key: press the key to intercom with external window intercom, finish the intercom by press again, the green intercom key will be light on.

⑤Microphone pole socket: plug the microphone pole, collecting local intercom audio.

⑥Voice broadcasting key remote intercom key:

Voice broadcasting: Press voice broadcast key to automatic play voice prompt in the process of intercom with window external terminal, press shortly to prompt "Hello, welcome", long press for a while to prompt "Thank you, welcome to come next time.". The broadcasting key green flashed during the process of broadcasting.

 Remote intercom: coordinate with IP network HD recording host to use, click this key to call named terminal by server in the online condition.

【**Side view**】
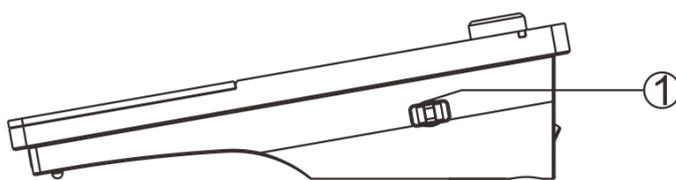
①Scene mode regulating switch:3 scene mode adjustment 【noisy（1）、standard（2）、quiet（3）】, defaulted as standard mode.

【**connection wiring**】
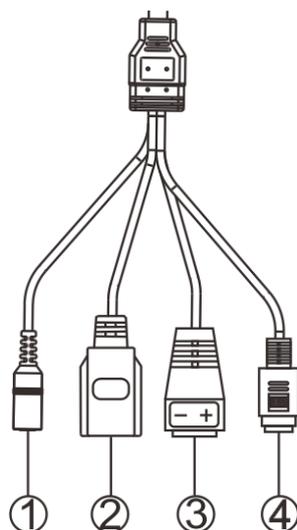
①Power interface: connect with DC12/2A power.

②Communication interface：connect with the IP network HD recording host.

③Analog audio input interface: output analog audio, connect with DVR or IP camera.

④External window intercom interface.

【External window intercom】

①Loudspeaker/MIC：

Loudspeaker：amplify the local intercom audio；MIC：pick up the local intercom audio；

②Internal window intercom interface

Packing list

Window intercom system include following accessories, please check following parts, please contact with distributor if any parts are missing.

（1）　　　Internal window intercom 1 set
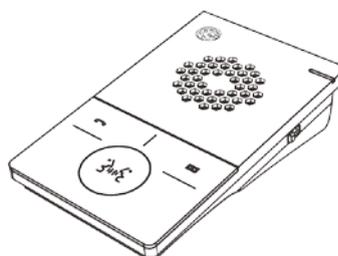
（2）　　　External window intercom 1 set

（1）　　　Microphone pole 1 pcs

（2）　　　Power adapter 1 pcs
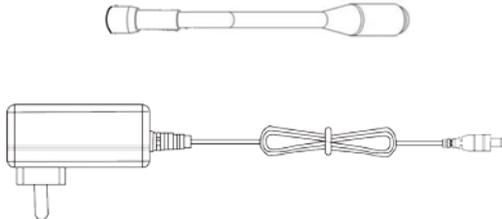
（3）　　　Wiring harness　（3*100mm）3 pcs
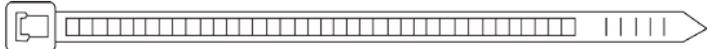
（4）　　　Cable clamp (HC-100) 3 pcs
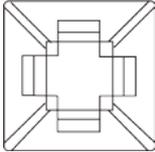
（5）　　　Wiring connector (3.81-2P) 1 pcs
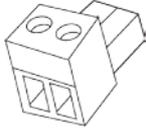
（6）　　　Quick installation manual 1 pcs

Wiring

（1）　Connect the one port of power adapter to the power interface of internal window intercom, the other port connect with power socket.

（2）　Connect interface of external window intercom with internal window intercom.

（3）　Connect the one port of Ethernet to internal window communication interface and the other port connect to

IP network

HD recording host (only suitable for online environment).
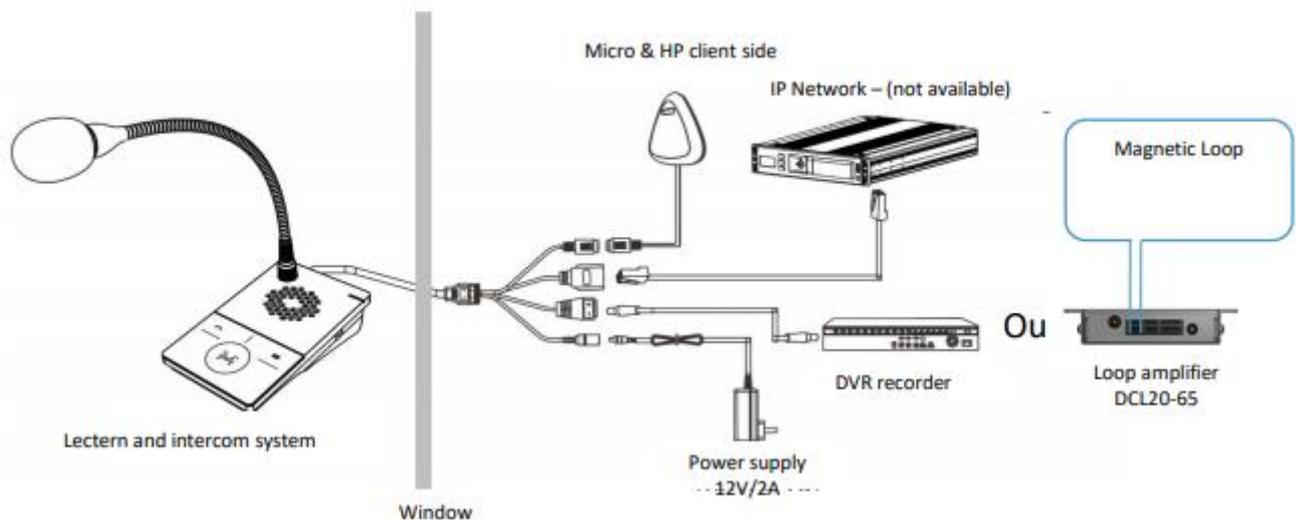
Basic function

Local intercom

After connected internal window intercom and external window intercom, then power-on.

Press the intercom key of internal window intercom, it can digital full duplex HD intercom with external window intercom, press again to stop intercom.

Remote intercom

Used with IP network HD recording host, under the online status, press remote intercom key to call the server pointed terminal.

Scene mode adjustment

Window intercom provides three scene modes: Noisy (1), Standard (2), Quiet (3) 】 ; the default mode is standard mode.

Incoming prompt tone:

Press voice broadcast key to automatic play voice prompt in the process of intercom with window external terminal, press shortly to prompt "Hello, welcome", long press for a while to prompt "Thank you, welcome to come next time.". To finish the audio note broadcast by long press this key or click other keys.

Engineer settings:

First your devise need to be off, then press simultaneously the intercom button ⊙ and on the voice broadcasting key remote intercom key 📞 for few seconds.

Once the devise turn on, the middle key should flash and the two other keys should be light on. For adjusting the volume on the agent side, press briefly the key 📞 for turning up or press for a long time for turning down.

For adjusting the volume on the public side, do the same manipulation with 🔲 key.

For leaving the engineer settings, press the key ⊙ for five seconds.

Recording

Analog recording

Window internal intercom can output analog audio, and it is ok for connect with the DVR to make auto-recording.

Network recording

When the window intercom system is online, window intercom system will automatic deliver digital recording data during intercom to realize 24 hours recording. If press the recording key, it can trigger IP network HD record host to make event recording ,when press again the record can be finished.

IP network HD recording host can check and play the recording, relevant operation please refer to the manual of "IP network HD recording host"

Fault exclude

Why the terminal can not talk with others?

1. To realized talking with other terminals, it must be through IP network HD recording host. Check whether connect with IP network HD recording host.

2. Check server mapping settings is right or not.

Why recording host can not login to the server?

1. Check whether connect with IP network HD recording host.

2. Check the software server and the main controller is normal opened or not. It is required to close all firewall before open the software server (including system built-in firewall and other antivirus software firewall).

3. Check the terminal network cable and switcher whether work normal, damaged, and disconnect or not etc;

4. Check the IP network HD record host IP settings, please check the terminal ID, server IP ,local IP, gateway IP...etc parameters.

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