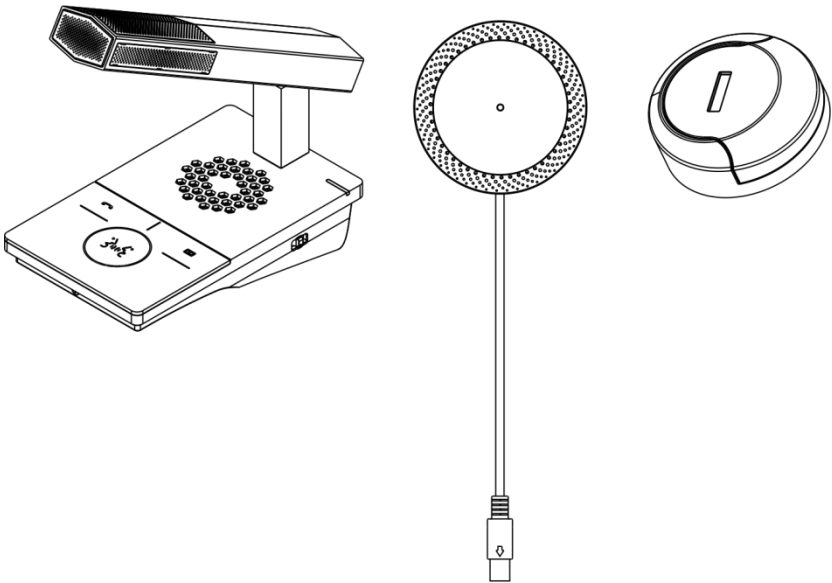


## OP-6515H Intercom

# USER MANUAL



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## Legal Statement

### Disclaimer

Please read this user manual carefully before using this product and follow all instructions and suggestions mentioned therein, our company is not responsible for any damages caused by misuse of this product due to violation of this manual.

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If the content of this manual conflicts with applicable laws, the legal provisions shall prevail.

## **Privacy protection reminder**

When you install our products, you may collect personal information such as face and fingerprints. When using the products, you need to comply with the privacy protection laws and regulations of your region or country to protect the legitimate rights and interests of others. For example, provide clear and visible signs to inform relevant rights holders of the existence of video surveillance areas and provide corresponding contact information.

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## **About this manual**

This manual is only used as a guide for related products and may differ from the actual product, please refer to the actual product.

The information in this guide is subject to modification without prior notice. This manual is only used as a guide, and the statements made do not constitute any form of warranty. The user shall bear full responsibility for the application of the product, our company does not assume any responsibility for any indirect or incidental losses caused by the incorrect use of this guide.

## Important Safety Precaution

Please read this User Manual carefully before using this product and follow all the safety precautions mentioned herein.

### During Installation

#### **Avoid humidity:**

Please do not expose the device to rainy environment or other humid environment, otherwise it may lead to fire or electric shock.

#### **Use correct power supply:**

Please use the specified power adapter for the device, using high voltage power supply may lead to fire or electric shock.

#### **Protect the electric wire:**

Do not scratch, cut or twist the power cord, keep the power cord away from any heating device, do not place heavy objects on top of the power cord, otherwise it may lead to fire or electric shock.

### During Use

#### **If anything goes wrong:**

During use of this device, if any of these anomalies mentioned below happens, please cut off the electricity immediately, otherwise it may lead to fire or electric shock.

- smoke or strange smell coming out of the device.
- water or other foreign object gets into the device.
- damage on the product shell.
- damage of the power cord (cable core exposed or broken).
- malfunction of the device (no network connection or no sound).

#### **Do not open the product shell:**

There are high voltage parts inside of the product shell, opening the product shell without permission may lead to fire or electric shock.

#### **Do not touch the device when it thunders:**

To avoid electric shock, please do not touch the device or power plugs when it thunders.

#### **Do not place liquid containers on top of the device:**

If accidentally knock over the liquid container and let any liquid get into the device, it may lead to fire or electric shock.

**Cautions when the device is not in use**

If the device is not in use for 10 days or longer, please cut off the electricity and unplug the power plug from the power socket, otherwise it may lead to fire or electric shock.

## 1. Product Introduction

The Digital Window Intercom is embedded with IP Audio digital network audio technology which has intellectual property rights our company realizes digital full-duplex intercom. The set is made of an internal window intercom module, external window intercom module, and wireless charger, equipped with power input, analog audio output interface etc.

### 1. Product Features

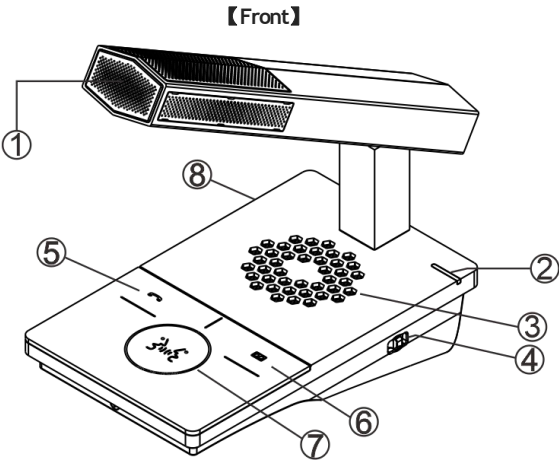
- Adopt single DSP multi-channel language auto-control technology, avoiding feedback and disturbances to realize real digital full-duplex intercom.
- Using touch keys with an ergonomic design, avoiding key-click sounds in the intercom conversation, and use light indicators.
- Recognizing sound source, control environment noise, automatically adjust volume and restore the original sound.
- Providing three mode-scenes (quiet, standard, noisy), support one-button adjustment.
- Professional metal structure design, adopting hard metal housing to prevent resonance, purify and naturalize the sound to make it transparent.
- Personalized and customized service message playback: “Hello, welcome”, “Thank you. See you next time”.
- Support for remote supervisor intercom, one-button call to the terminal specified by the server.
- Accessible via a Ethernet port and LAN network

1.2. Product Specification

Product Specification	
Power,Power Consumption	DC12V/1.5A, ≤5W
Functional Parts Interface	Power Interface, Analog audio output interface, Network interface, PS/2 interface
SNR(Signal to Noise Ratio)	> 90dB
Frequency Response	20Hz~16KHz
Audio Samples	8KHz~32KHz
Network Communication Protocol	TCP/IP、UDP、ARP、ICMP、IGMP、FTP
Audio Coding	PCM/AAC
Operating Temperature, Operating Humidity.	-10℃~55℃, ≤90%RH(non condensing)
Dimension	Internal window intercom:95×160×41.9mm, External window intercom: φ88×30.2mm, Wireless Charger: φ90×14.2mm

1.3. Product Interfaces

Internal window intercom Module



①Microphone Pole: Collect local intercom audio.



②Status light: red light is offline, green light is online.

③Speaker: Amplify local intercom audio.

④Scene 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.

⑤Voice broadcast button/ remote intercom button (left):

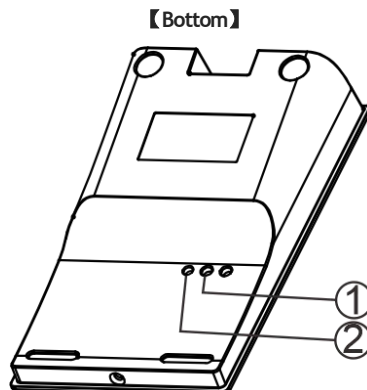
Voice Broadcast: When you are talking to the External window intercom module, press this button will automatically play voice prompt, press it for once will play the voice prompt: "Hello, welcome to visit", and press and long hold the button will play another voice prompt: "Thank you, welcome to visit the next time".

Remote Intercom: When the terminal is connected to the server, you can press this button to call the specified terminal on the server or answer calls from other terminals.

⑥Remote intercom button(right)

⑦Intercom button: Press this button to talk with the External window intercom module, press it again to end the talk. the intercom button is steady blue during the intercom process.

⑧Headphone output port.

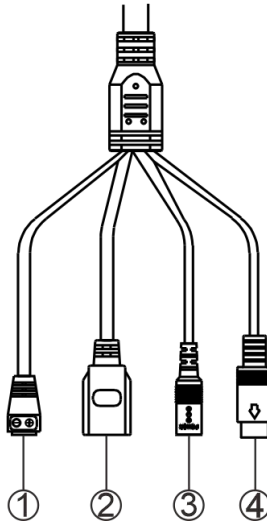


①System update button: Used for update.

②Bluetooth frequency matching button and indicator light: Press and hold the Bluetooth frequency matching button of the internal window intercom module and the external window intercom module

at the same time, the indicator light is steady on, it means the frequency is matched. If the indicator light is flashing, it means frequency matching is failed.

#### 【Connection wiring】



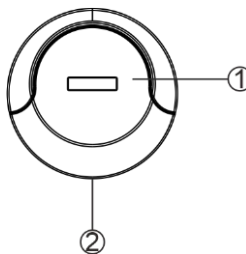
①Analog audio output interface: Output analog audio, it can be connected to a DVR, or DCL20 amplifier

②Network Interface: Insert network cable connect to switch.

③Power interface: Connect to DC12V/1.5A power adapter.

④Wireless Charger interface: Connect to wireless charger.

#### External window intercom module



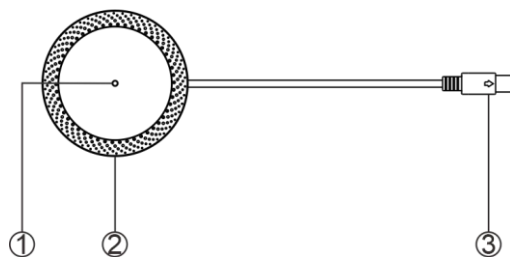
①Speaker/MIC

Speaker: Amplify local intercom audio.

MIC: Pick up local intercom sounds.

②Bluetooth frequency matching button.

## Wireless Charger



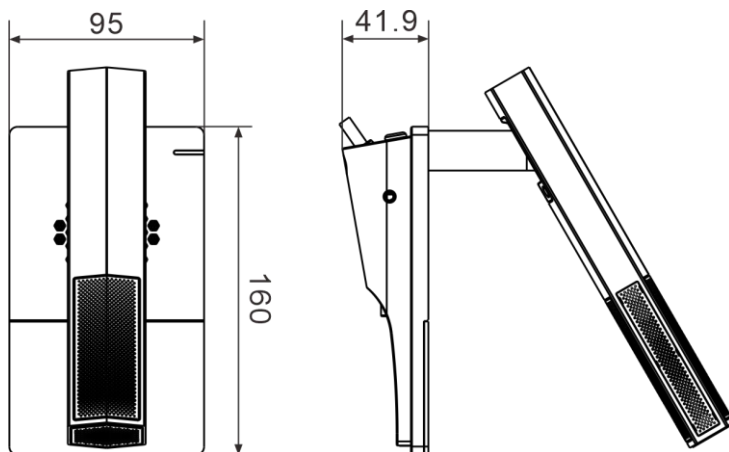
①Power Light

②External window intercom module wireless power charging:  $5\text{mm} < \text{Charging distance} < 15\text{mm}$ .

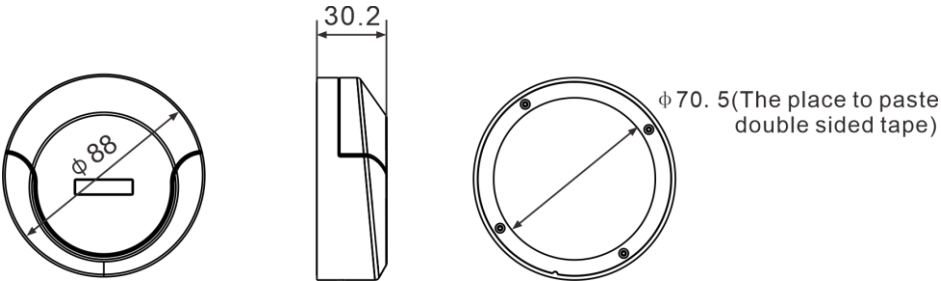
③Wireless charger interface: Connect to the Internal window intercom module.

## 1.4. Product Dimension (unit: mm)

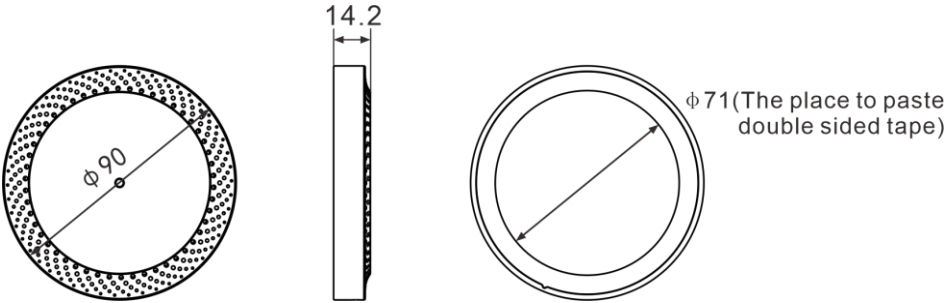
Internal window intercom module



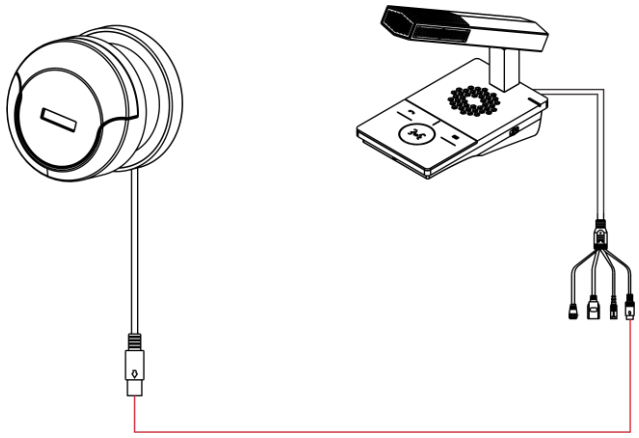
External window intercom module



Wireless Charger



### 1.5. Installation Diagram



**Installation Instruction:**

- (1) Attach circular double sided tape to the bottom of the external window intercom module and attach it to the outside of the window glass, with the outer side of the net cover facing upward;
- (2) The bottom of the wireless charger should be attached with the circular double sided tape, and the tail line should face down, align the external window intercom module and stick it on the inside of the window glass.
- (3) Connect the wireless charger to the tail cable of the internal window intercom on the desk

### 1.6. Product Packing List



Strapping 3pcs  
(3\*100mm)



Power adapter 1pcs  
( DC12V/1.5A)  
(Optional)



Double side tape  
2pcs



Connection terminal  
1pcs(3.81-2P)



Cable Clamp  
3pcs(HC-100)



Installation  
instructions 1pcs