



## DWT-6505A/B

### Digital Window Intercom Kit

SPON Digital Window Intercom Station DWT-6505A/B adopts DSP multi-channel voice technology, effectively prevent howling and channel interference, truly realize digital full-duplex HD intercom . It can be deployed on any service area such as Bank、Hospital、 Scenic Spot and so on.



## MAIN FEATURES

### Design & Usability

- Internal unit with a full touch button design, providing a noiseless operation and easy cleaning.
- Sleek, single cable design for all connections, ensuring a tidy workspace.
- Professional metal cavity structure, eliminating device resonance for pure sound quality.



### Audio Quality & Customization

- Sound source recognition with ambient noise suppression and automatic volume control.
- Three scene modes (noise/standard/quiet) with rotary switch for tailored audio settings.
- Customizable service voice prompts for enhanced user interaction.

### Connectivity & Functionality

- Integrated Recording Output interface for seamless audio recording with external devices like DVRs.



## SPECIFICATION

### POWER PARAMETERS

Power Supply: DC 12V/2A

Standby Power Consumption:  $\leq 5W$

### AUDIO PARAMETERS

Audio Codec: PCM, AAC

Audio Sampling: 8KHz~32KHz

Frequency Response: 20Hz~16KHz

SNR:  $> 90dB$

Gooseneck Mic Type(Internal): Condenser ,Uni-diectivity

Built-in Speaker(Internal): 3W ,8 $\Omega$

Built-in Mic Type(External): -46dB  $\Phi 9.7*5.0$ , Uni-diectivity

Built-in Speaker(External): 3W ,4 $\Omega$

### ACCESSORIES

1×Power Adaptor(12V/1.5A)

3×Wiring harness(3\*100mm)

1×Microphone pole(DC-300B)

1×EV-cotton(SPEV-63)

1×Wiring Terminal(3.81-2P)

3×Cable clamp(HC-100)

1×Bushings(black external machine dedicated)

1×Quality Certificate&Warranty Card

1×Quick Installation Guide

### MECHANICAL & ENVIRONMENTAL PROPERTIES

Mounting Method: Desktop Installation

Installation Environment: Dry Indoor Locations

Operating Temperature:  $-10^{\circ}C \sim 55^{\circ}C$

Operating Humidity:  $\leq 90\%$  RH non-condensing

Panel Material(Internal): Aluminum Alloy

Button Material(Internal): Glass

Back Shell Material(Internal): Aluminum Alloy

Back Shell Material(External): Aluminum Alloy

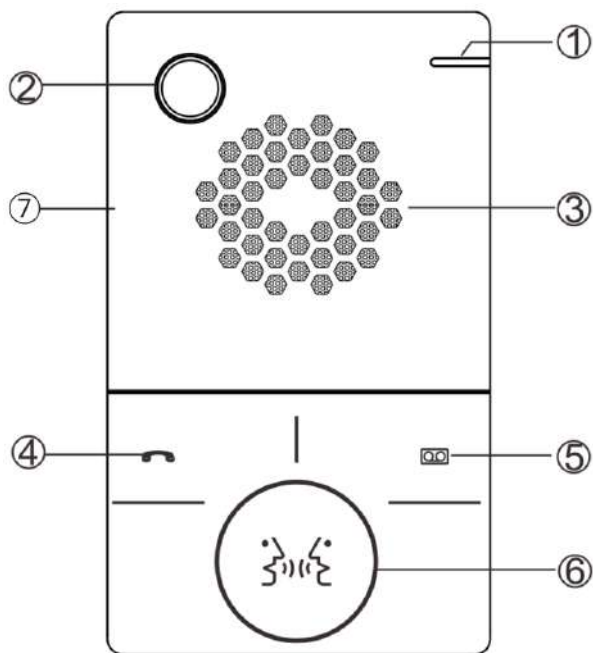
Net Shell Material(External): Steel

Product Dimension: 95×160×46.5mm(Internal), 83×24mm(External)

Product Weight: 0.44kg(Internal),0.2(External)

Product Warranty: 2 Years

## PORTS DESCRIPTION



### Front Panel

① **Network status indication:** red light is offline, green light is online.

② **Gooseneck microphone socket:** plug the gooseneck microphone and fix the screw.

③ **Loudspeaker:** 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 the welcome audio.

- Press long (1 second) to broadcast the end audio. The broadcast button flashes green during broadcasting.

⑤ **Remote intercom button (right) :** Reserved

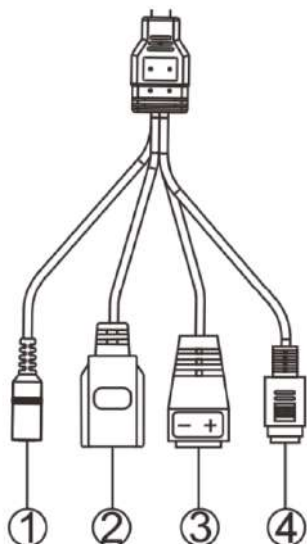
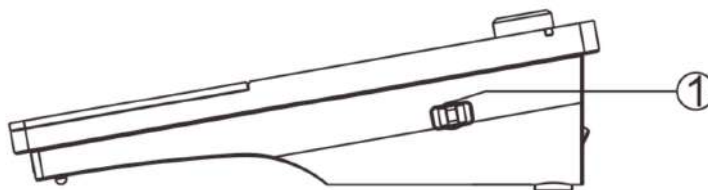
⑥ **Intercom button:** press the button to communicate with the external window intercom, finish the conversation by pressing the button again. The intercom button light blue during conversation.

⑦ **Earphone Interface**

### Light Side

① **Scene mode adjustment switch:**

- Noisy Mode (to the front)
- Standard Mode (in the middle)
- Quiet Mode (to the back)



### Interface Line

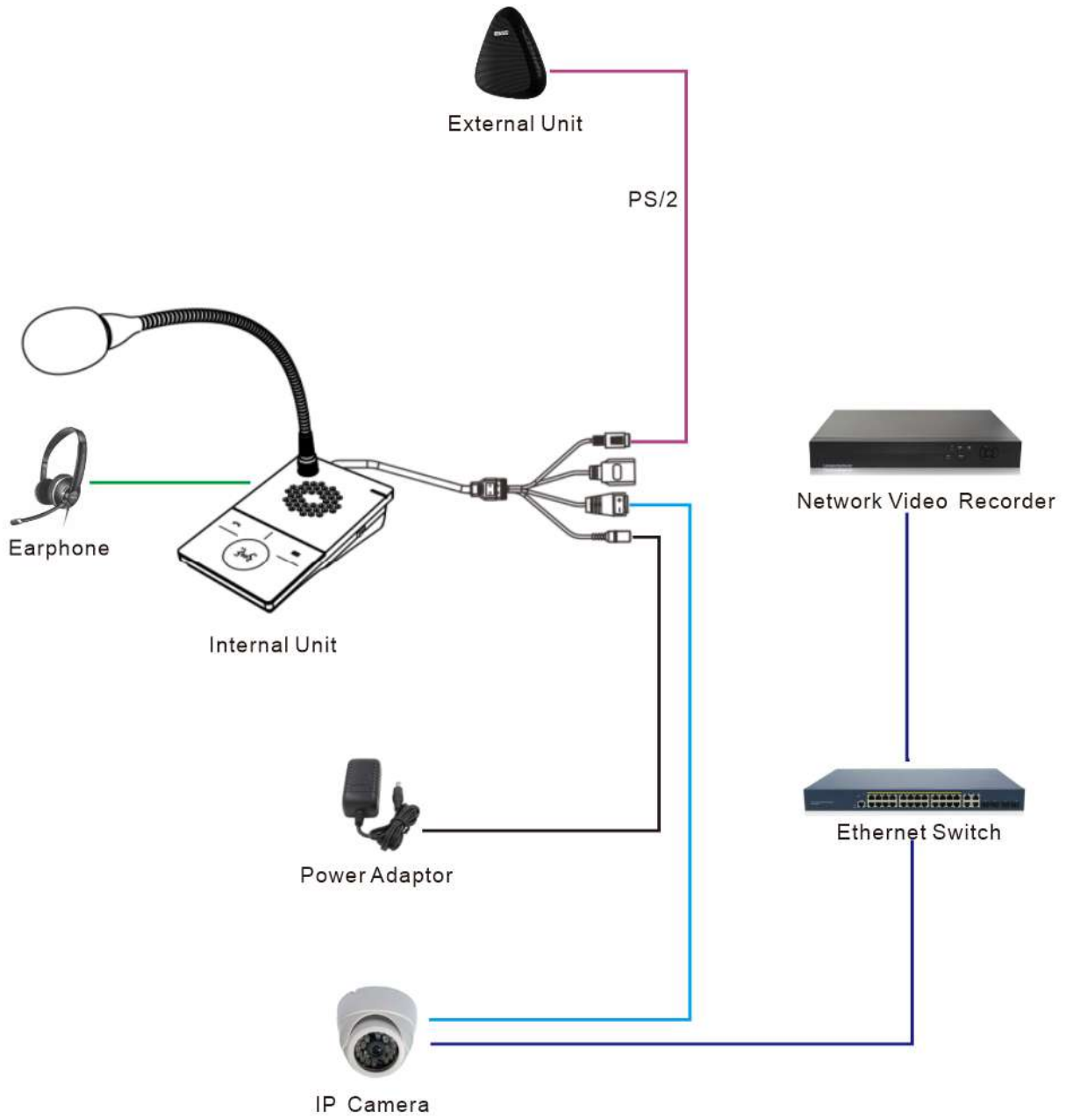
① **Power interface:** connect with DC12V ,1.5A/2A power.

② **Network interface:** Reserved

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

④ **External window intercom interface.**

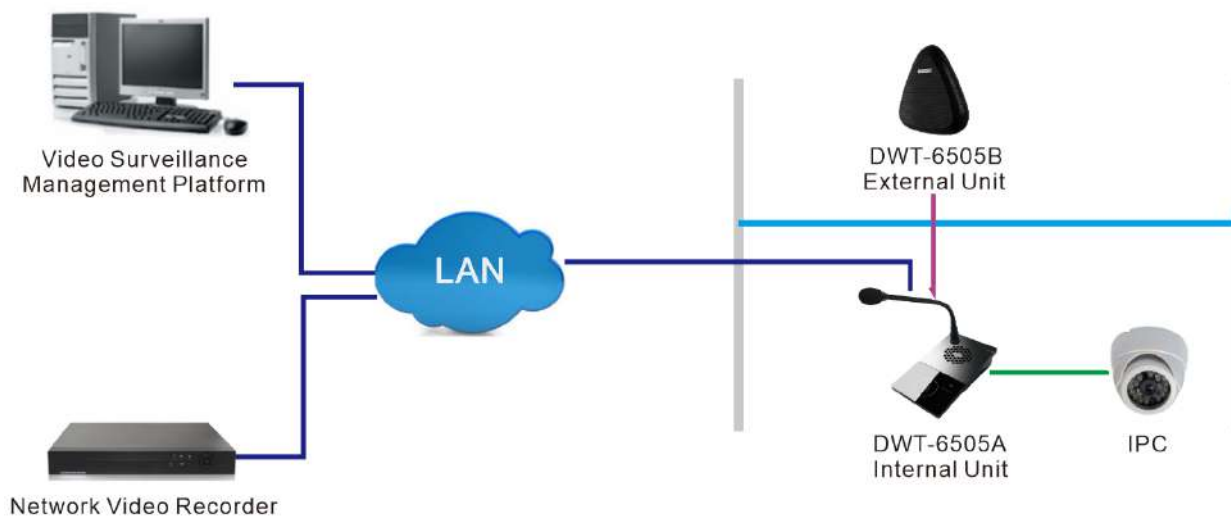
# INTERFACE DESCRIPTION



# APPLICATIONS

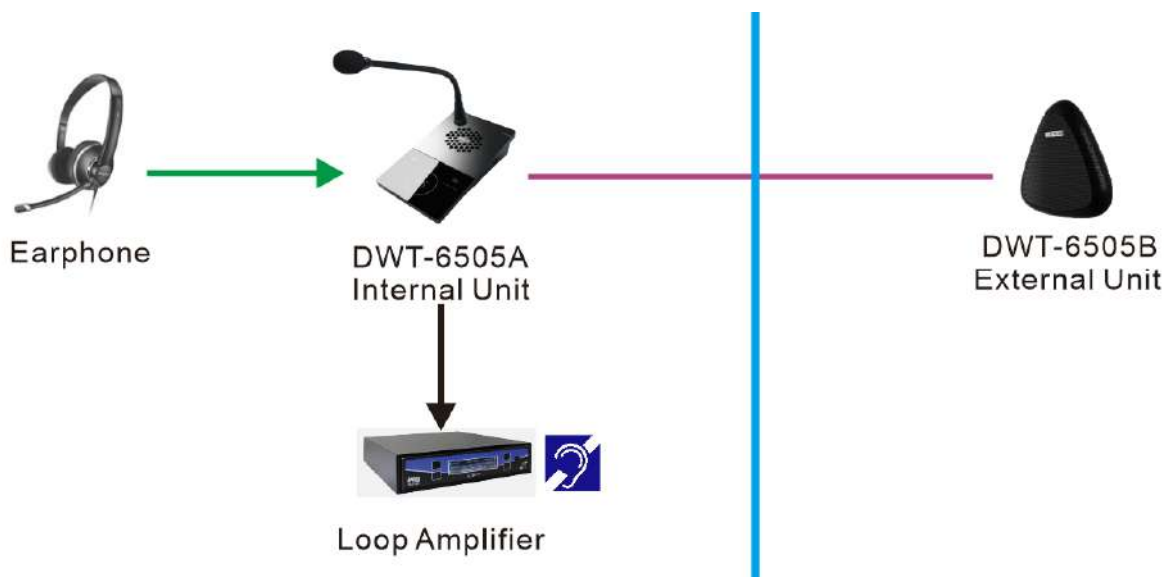
## Application 1

The Digital Window Intercom Station DWT-6505A with recording output interface which can output the sound between the DTW-6505A and DTW-6505B to IP camera to realize audio and video synchronously recording.



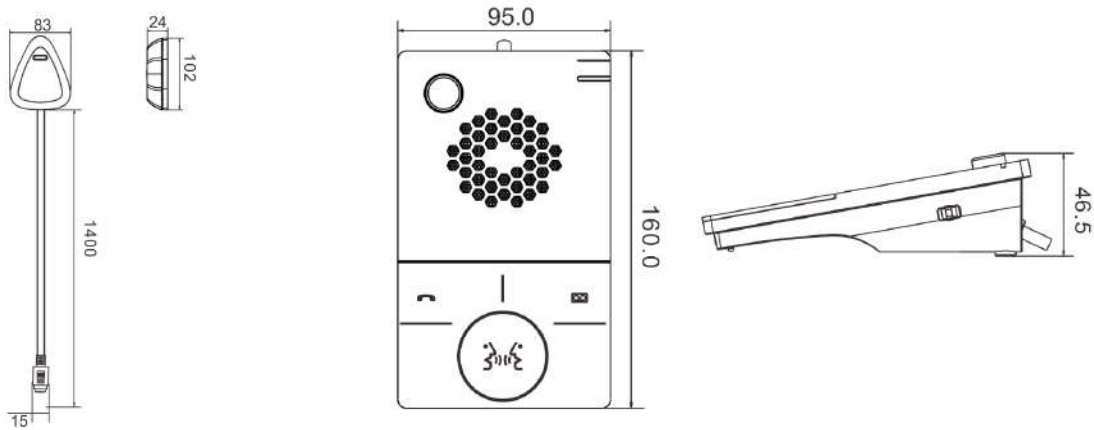
## Application 2

The Digital Window Intercom Station DWT-6505A/B recording output interface can be defined as only output the sound of internal unit. In this mode, the recording output can be connected with a loop amplifier to provide a clear sound to the person with hearing impairment. Due to the internal unit with earphone interface, it can avoid adjacent Windows from being affected.



## DIMENSION&INSTALLATION

1. First, place the machine in the window in a proper position inside the counter;
2. Fix the window outside machine: tear off 3M glue protective layer on the back of the window outside machine, and then paste the window outside machine on the glass;
3. Connect the internal and external win- dows according to the connection diagram.



# CASES

