



DWT-6505A/B

Digital Window Intercom Kit

SPON Digital Window Intercom Kit 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/1.5A

Standby Power Consumption: ≤5W

AUDIO PARAMETERS

Audio Codec: PCM, AAC

Audio Sampling: 8KHz~32KHz

Frequency Response: 20Hz~16KHz

SNR: >90dB

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

Built-In Speaker(Internal): 3W ,8Ω

Built-In Mic Type(External): -46dB Φ9.7*5.0, Uni-Directivity

Built-In Speaker(External): 3W ,4Ω

MECHANICAL & ENVIRONMENTAL PROPERTIES

Mounting Method: Desktop Installation

Installation Environment: Dry Indoor Locations

Operating Temperature: -10°C~55°C

Operating Humidity: ≤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

ACCESSORIES

1×Power Adaptor(12V/1.5A)(Optional)

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)

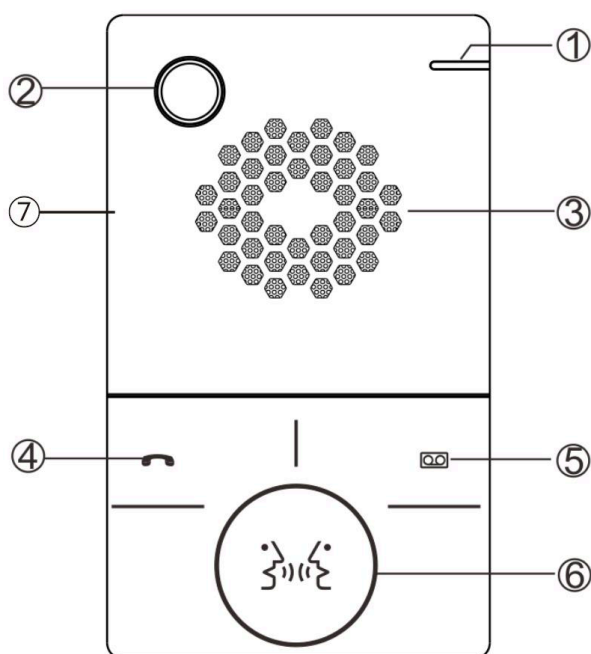
1×Bushings(Black External Machine Dedicated)

1×Quality Certificate&Warranty Card

1×Quick Installation Guide

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

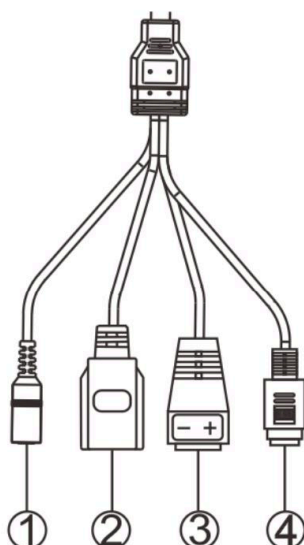
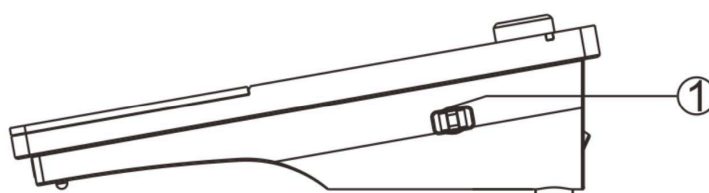
⑥ **Intercom button:** press the button to communicate with the external window intercom, finish the conversation by pressing the button again. The intercom button light blue during conversation.

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

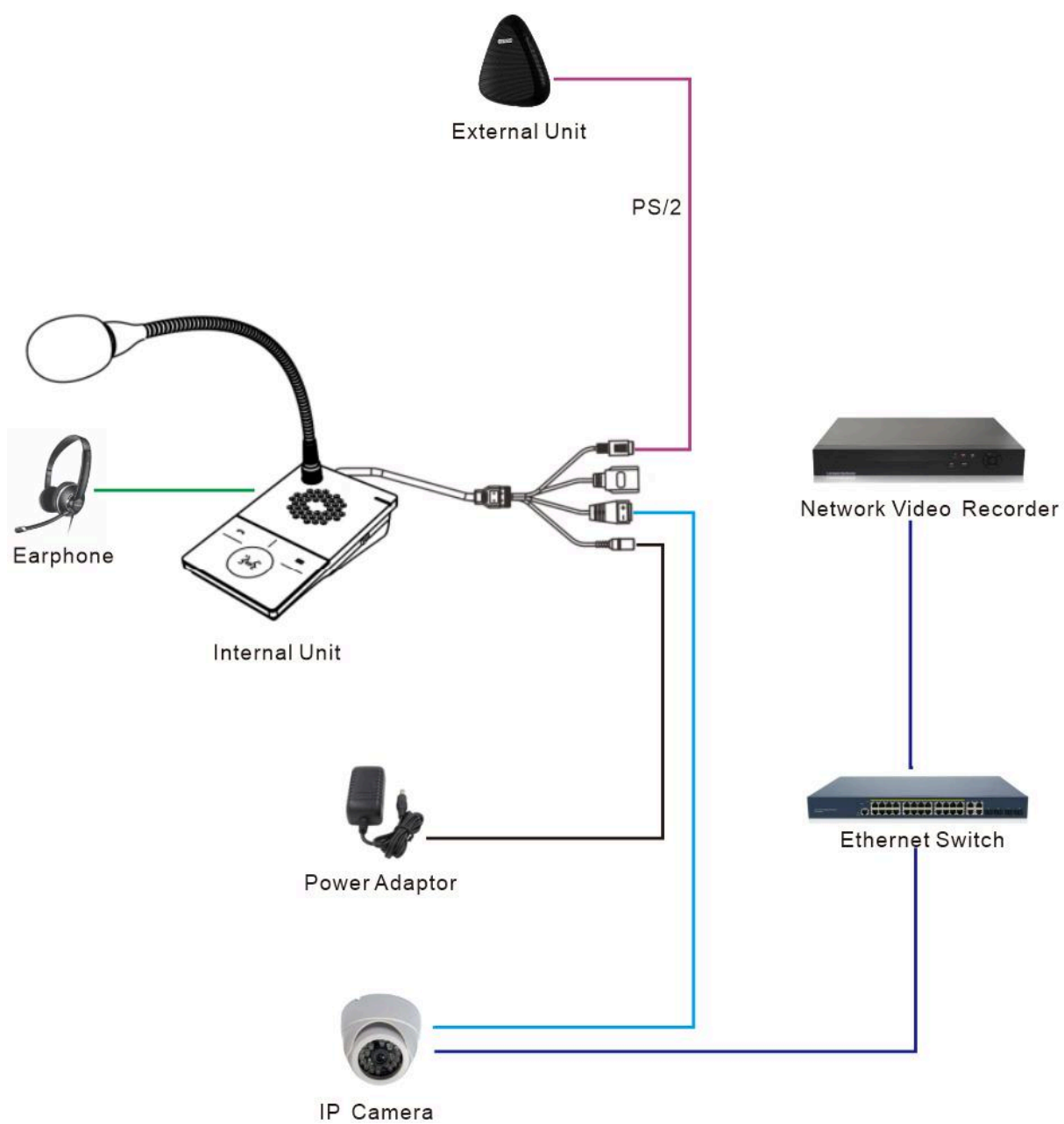
① **Power interface:** connect with DC12V ,1.5A/1.5A power.

② **Network interface:** Reserved

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

④ **External window intercom interface.**

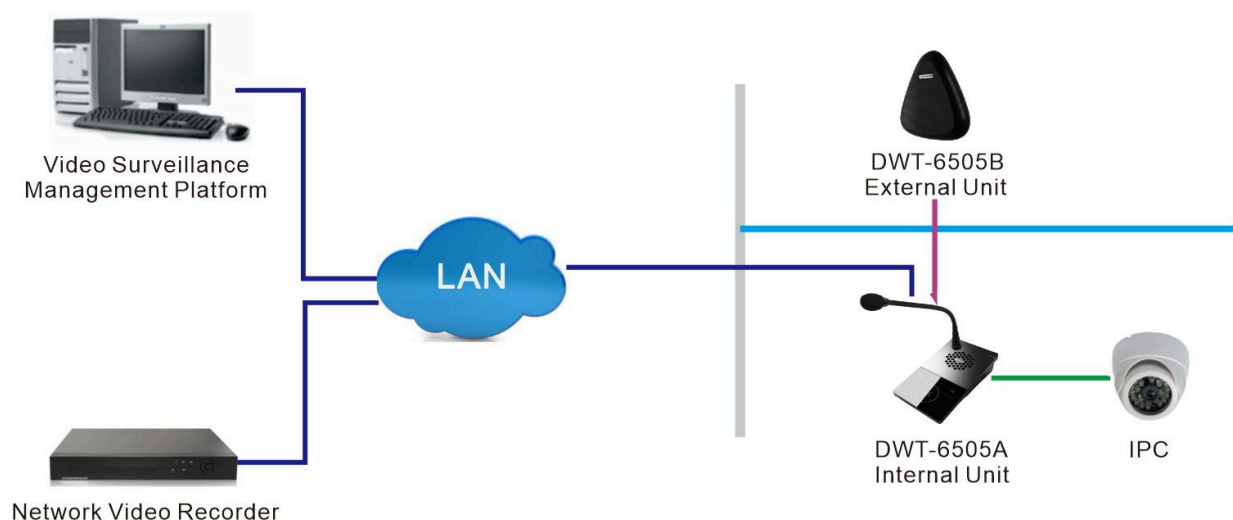
INTERFACE DESCRIPTION



APPLICATIONS

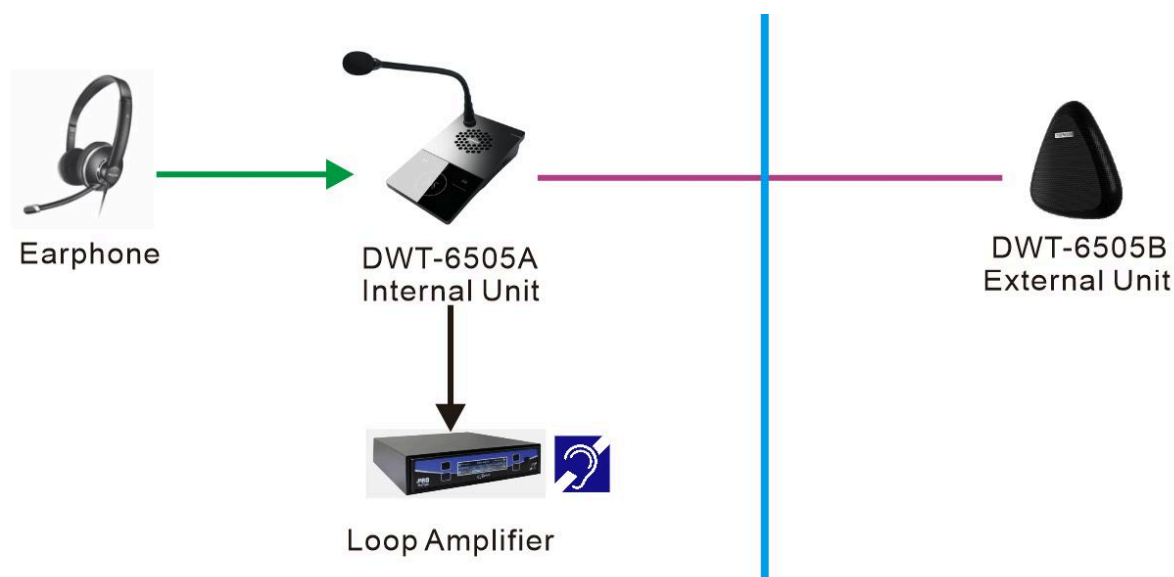
Application 1

The Digital Window Intercom Kit 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.



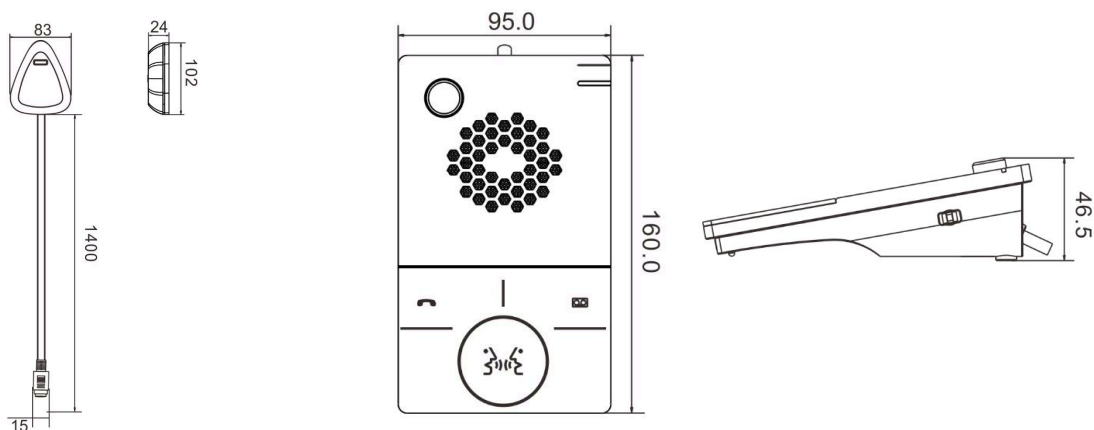
Application 2

The Digital Window Intercom Kit 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

