



DWT-6507A/B

Counter Window Intercom Kit

SPON Digital Window Intercom Station DWT-6507A/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 adjustment.
- Three selectable scene modes (noise/standard/quiet) with easy rotary switch control.
- Customizable service voice prompts for a more personalized user experience.

Connectivity & Functionality

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



SPECIFICATION

POWER PARAMETERS

Power Supply: DC12V,1.5A/2A

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-diectivity

Built-in Speaker(Internal): 3W ,8Ω

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

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): Metal

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)

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)

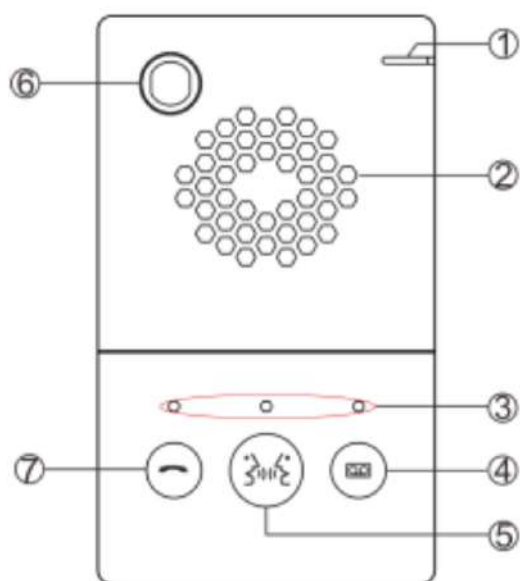
1×Bushings(black external machine dedicated)

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 **Loudspeaker:** amplify the audio from the external window intercom.

③ **Indicator light:** The three indicator light correspond to the recording button, intercom button, Voice Broadcast button.

④ **Recording Button:** Reserved

⑤ **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.

⑥ **Gooseneck microphone socket:** plug the gooseneck microphone and fix the screw.

⑦ **Voice broadcast button(left):**

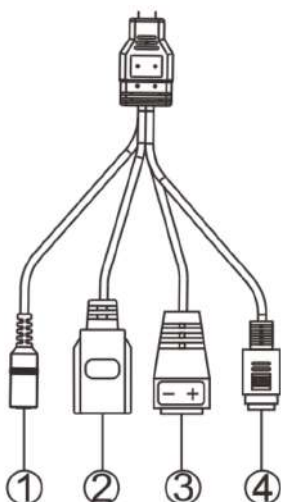
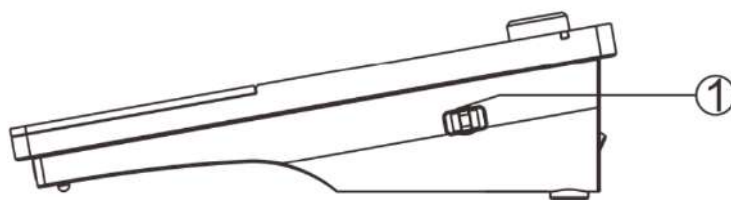
When the intercom button is on (blue light ON):

- 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.

Light Side

① **Scene mode adjustment switch:**

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



Interface Line

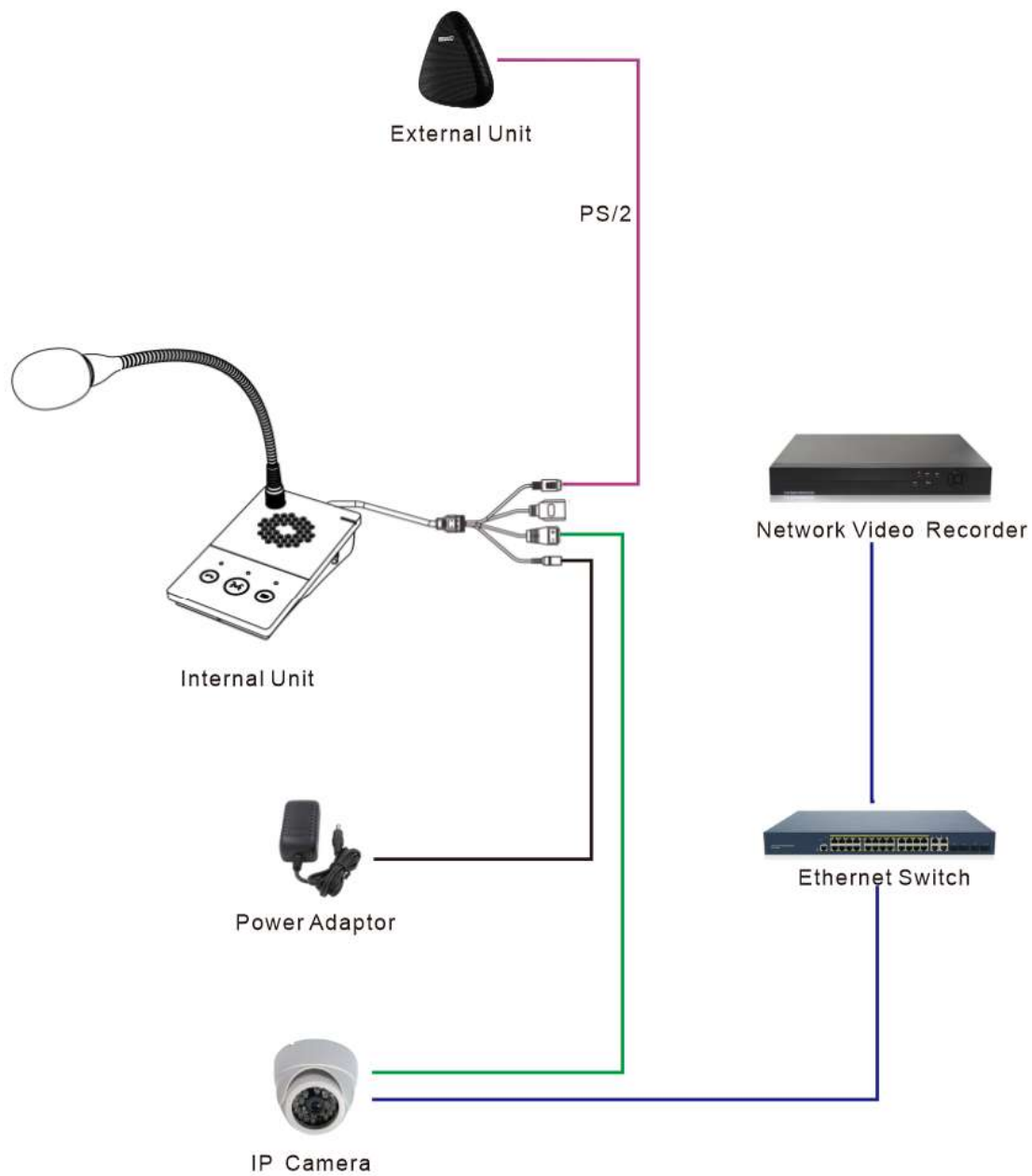
① **Power interface:** connect with DC12V ,1.5A/2A power.

② **Network interface:** Reserved.

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

④ **External window intercom interface.**

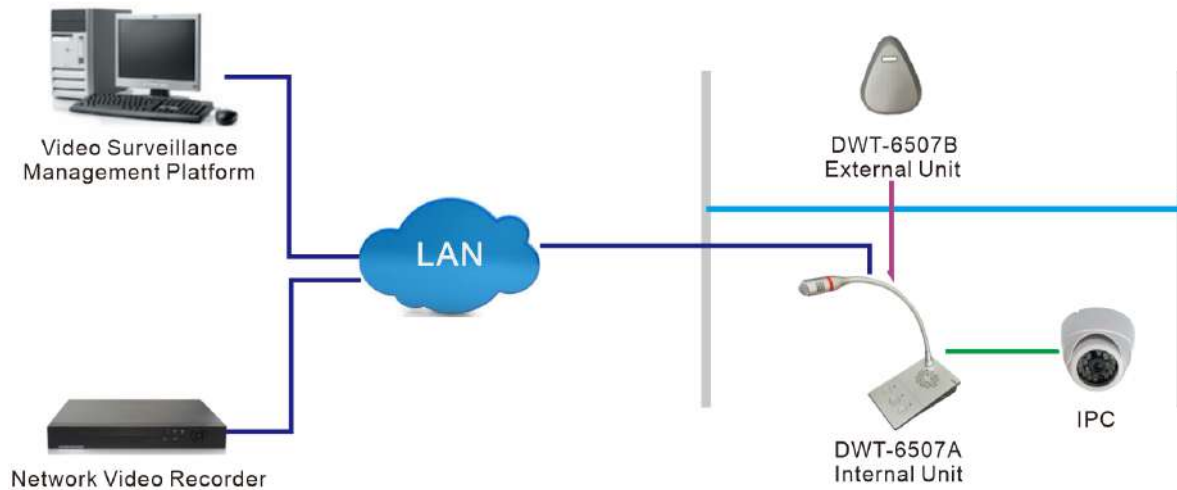
INTERFACE DESCRIPTION



APPLICATIONS

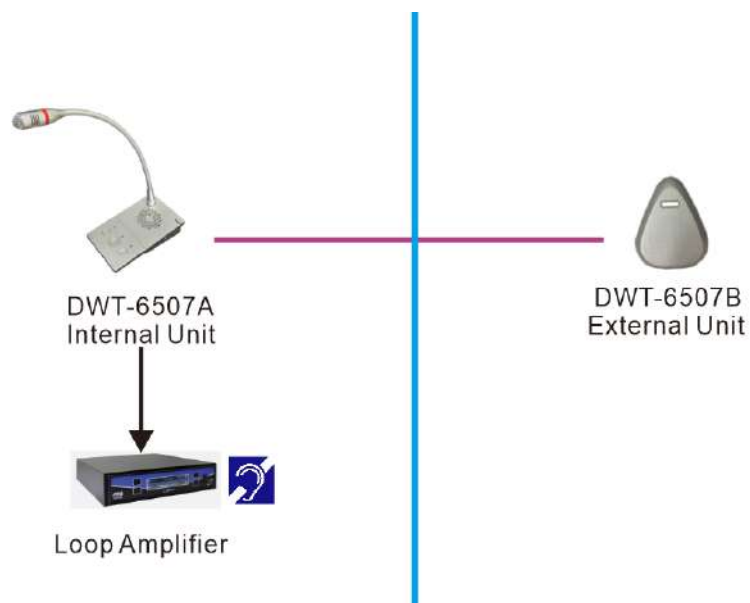
Application 1

The Digital Window Intercom Station DWT-6507A with recording output interface which can output the sound between the DTW-6507A and DTW-6507B to IP camera to realize audio and video synchronously recording.



Application 2

The Digital Window Intercom Station DWT-6507A/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.



CASES



DIMENSION & INSTALLATION

- (1) Firstly, put the internal window intercom on a suitable place; (Please refer to the installation manual).
- (2) Fixing external window intercom, tear off the glue protective layer at reverse side, then paste the external window intercom on the glass;
- (3) Connecting internal window intercom with external window intercom according to the connection diagram.

