



DWT-6502A/B

IP Window Intercom Kit

SPON IP Window Intercom Kit DWT-6502A/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

- Noiseless full touch button interface, ensuring ease of cleaning and disinfection.
- Integrated cable management for a clutter-free and tidy workspace.
- Sleek, professional metal cavity design, preventing device resonance.



Audio Quality & Customization

- Intelligent sound source detection and ambient noise reduction with auto volume control.
- Three adjustable scene modes for optimal audio performance in varying environments.
- Ensuring pure and natural sound output through specialized structural design.

Connectivity & Functionality

- All-in-one cable solution for power, network, and recording connections.
- FTP support for personalized voice messages, enhancing customer engagement.
- Equipped with a recording output interface for easy third-party device integration.
- Three-way intercom functionality, enabling efficient communication across customer service channels.



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

NETWORK PARAMETERS

Network I/F: 10BASE-T/100BASE-TX RJ45

Network Protocol: TCP/IP、UDP、ARP、ICMP、IGMP、FTP

Configuration Method: Web Interface Or IP Config Tool

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)

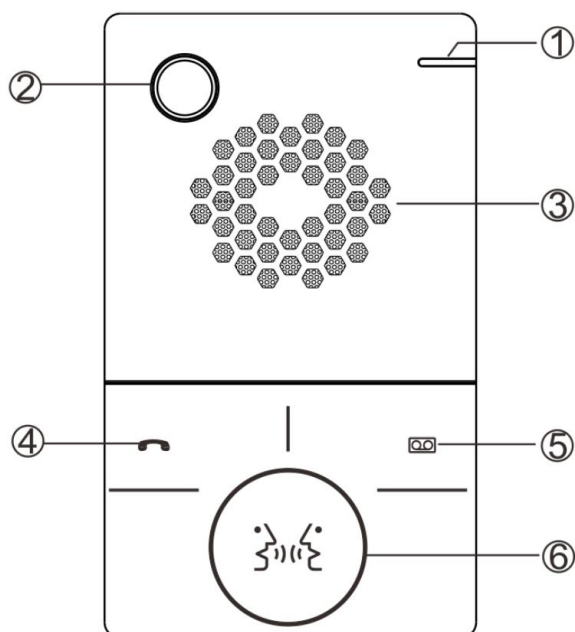
1×Bushings(Black External Machine Dedicated)

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 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.

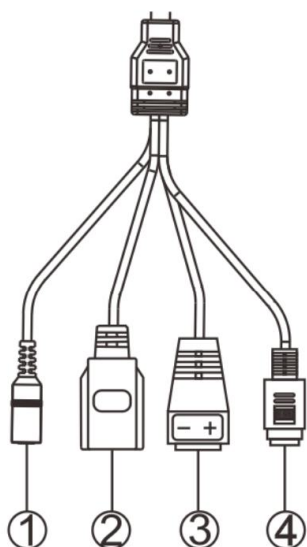
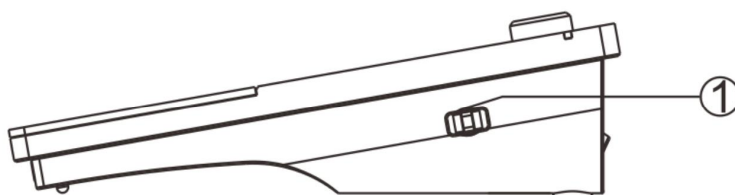
⑤ **Remote intercom button (right) :** when the terminal is connected to the server, press button to make a call to the supervisor intercom terminal specified by the server.

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.

Light Side

① **Scene mode adjustment switch:**

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



Interface Line

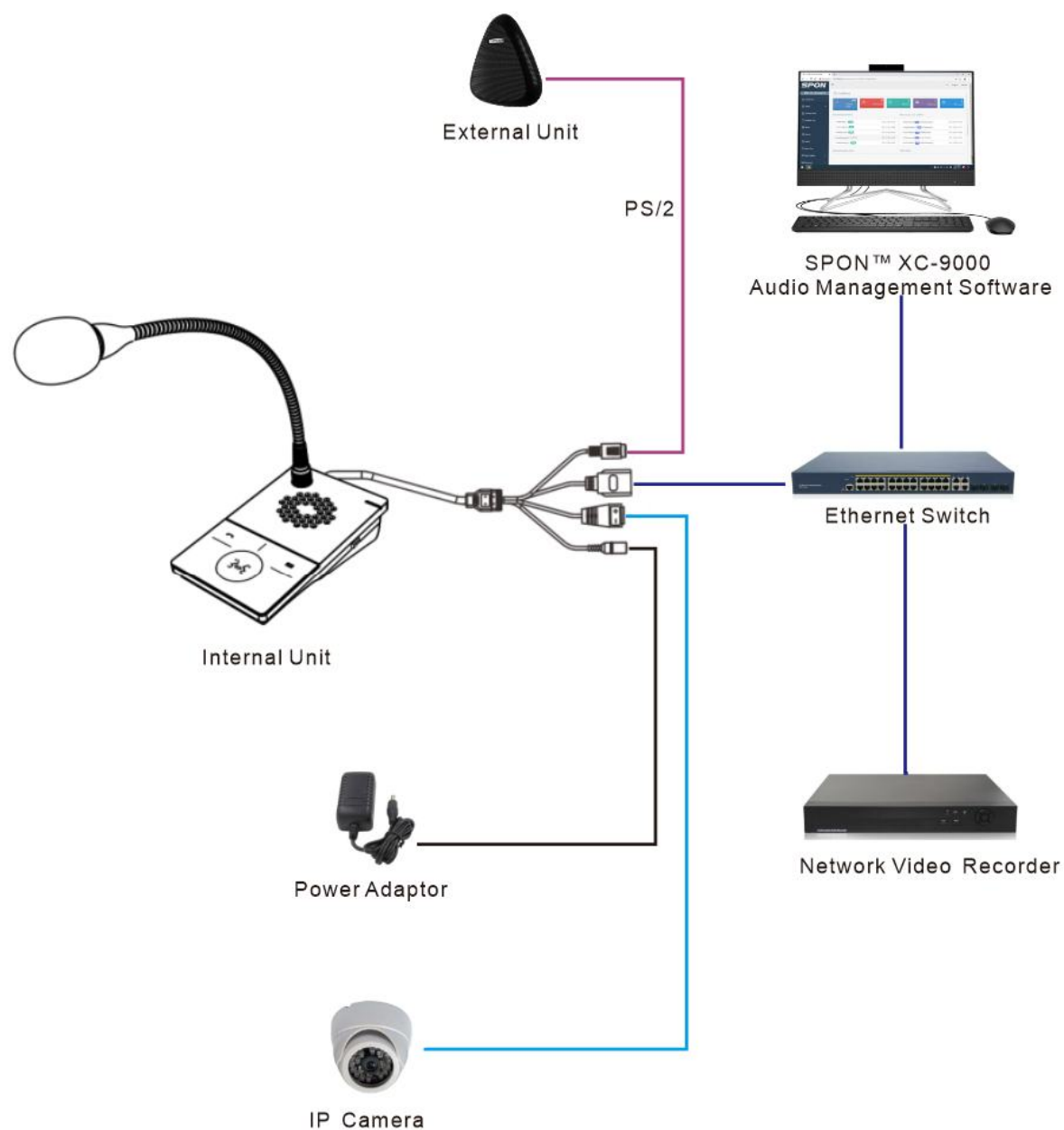
① **Power interface:** connect with DC12V/1.5A power.

② **Network interface:** insert the cable to switcher

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

④ **External window intercom interface.**

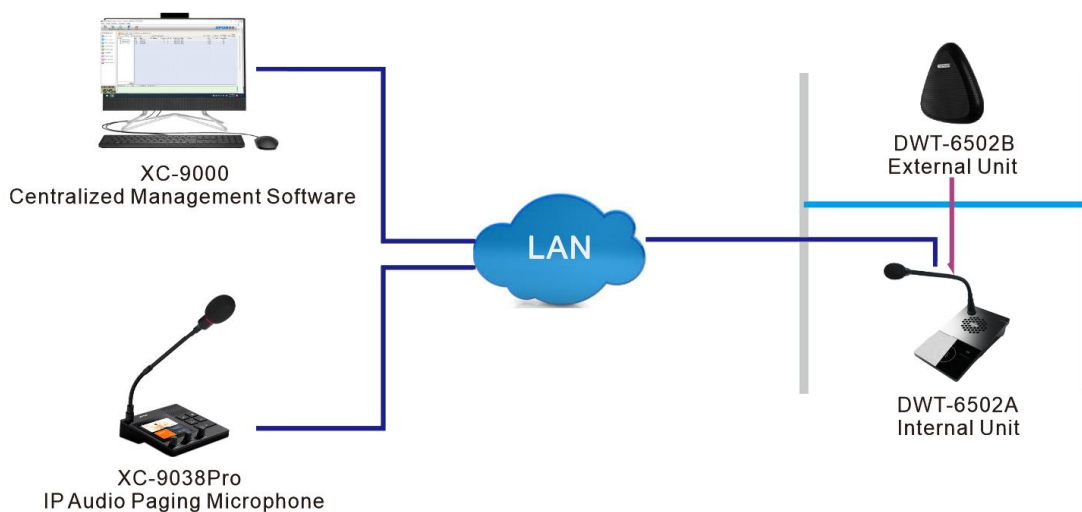
INTERFACE DESCRIPTION



APPLICATIONS

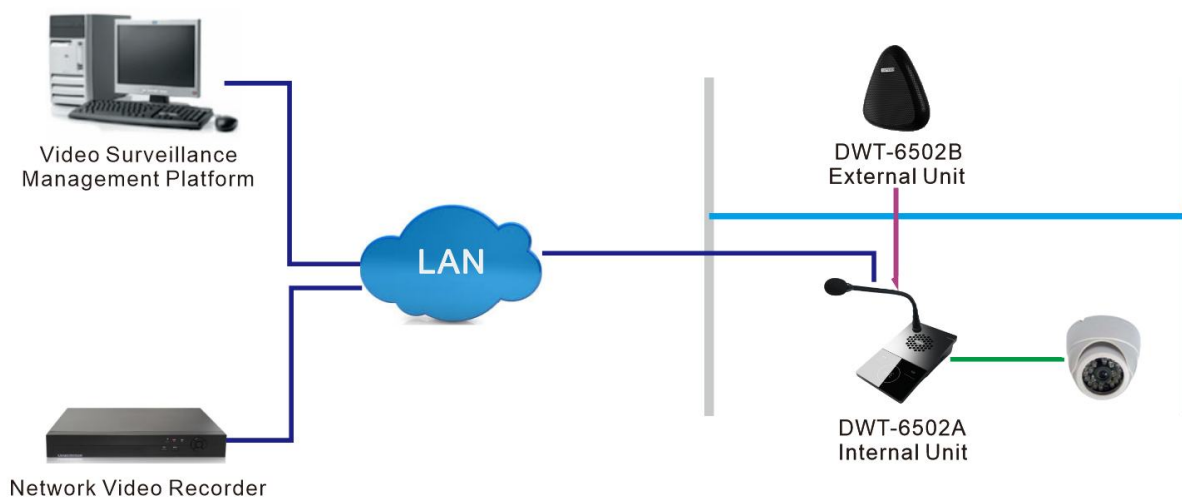
Application 1

The IP Window Intercom Station DWT-6502A can make a two-way remote intercom with the IP paging microphone. During the call, the DWT-6502A can add the DWT-6502B into the existing conversation to realize three-party intercom.



Application 2

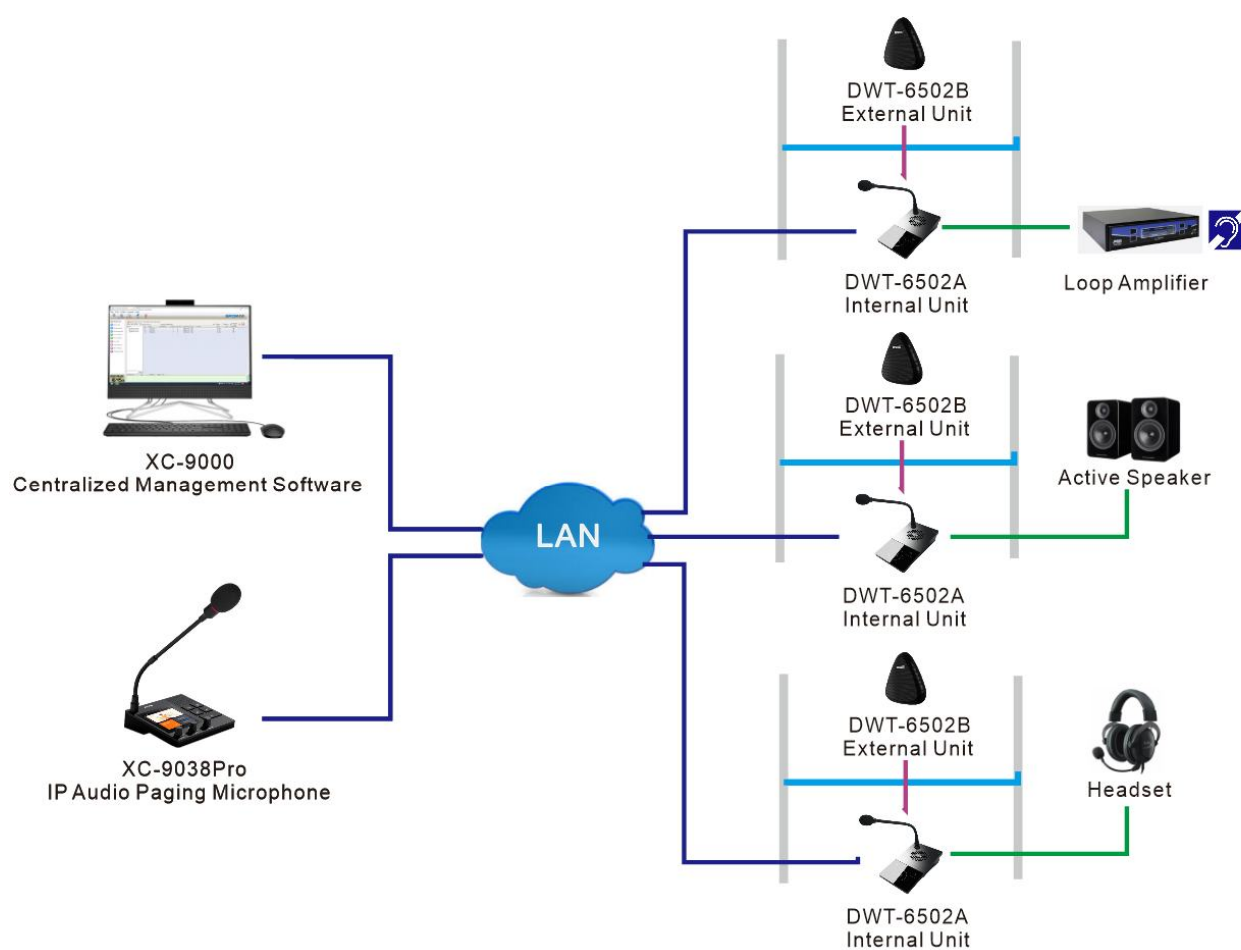
The IP Window Intercom Kit DWT-6502A with recording output interface which can output the sound between the DWT-6502A and DWT-6502B to IP camera to realize audio and video synchronously recording.



APPLICATIONS

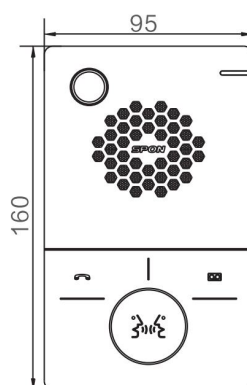
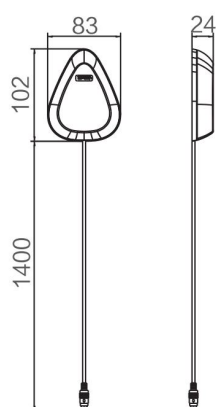
Application 3

The IP Window Intercom Kit DWT-6502A/B recording output can be configured on webpage . When you choose output for only internal unit that can support to connect with loop amplifier that can be used for people with hearing impairments or support to connect with active speaker for local amplification; When you choose output for only external unit that can support to connect with headset for avoid interference between adjacent staffs.



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 windows according to the connection diagram.



CASES

