



NAS-8523CV

IP Video Intercom Panel

SPON IP POE Video Intercom Station NAS-8523CV with a separate microphone and speaker, allowing full duplex single-way video conversations with Master Stations. It is equipped with one assignable call button which used for any indoor environment .

HD1080P

SIP

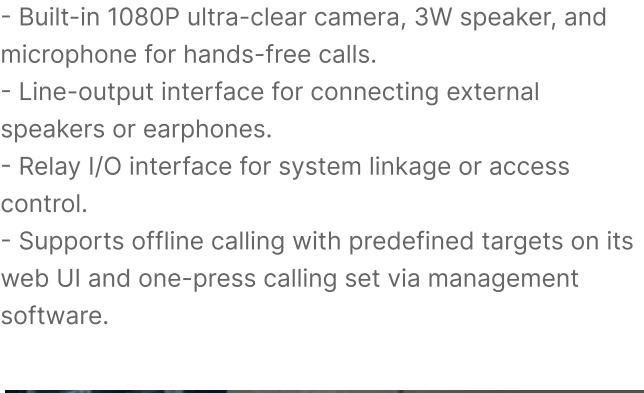
OnVif

IoT

MAIN FEATURES

1. Robust Design and Enhanced Security

- Durable 6mm aluminum panel with anti-stab protection and special screws to prevent vandalism.

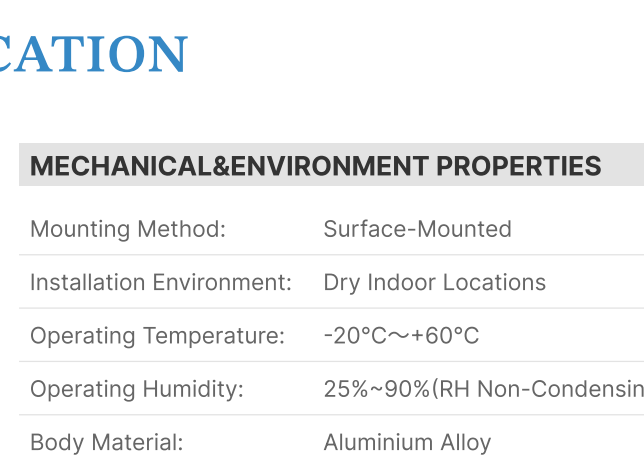


2. Communication and Connectivity

- Built-in 1080P ultra-clear camera, 3W speaker, and microphone for hands-free calls.
- Line-output interface for connecting external speakers or earphones.
- Relay I/O interface for system linkage or access control.
- Supports offline calling with predefined targets on its web UI and one-press calling set via management software.

3. Network Integration and Protocol Support

- Standard SIP protocol compatibility for integration with mainstream SIP PBX systems (Yeastar, Asterisk, Cisco, etc.).
- IEEE 802.3at interface support for flexible deployment.



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SPECIFICATION

POWER PARAMETERS

Power Supply:	DC24V/1A, PoE IEEE802.3at
Standby Power Consumption:	≤3W

AUDIO & VIDEO PARAMETERS

S/N (Signal-To-Noise) Ratio:	Broadcast-Speaker:81dB Broadcast-Line:88dB Line In-Record Out:82dB
Audio Sampling & Bit Rate:	22.05KHz 16bit 8kbps-320kbps
Video Resolution:	VGA/720P/1080P
Built-In Speaker:	3W ,8Ω
Input Sensitivity:	Line: -6dB
Harmonic Distortion:	<1%
Frequency Response:	50Hz-20KHz ±3dB

NETWORK PARAMETERS

Network I/F:	10BASE-T/100BASE-TX RJ45
Network Protocol:	TCP/IP, UDP, ARP, ICMP, IGMP, SIP, HTTP, FTP
Configuration Method:	Web Interface

MECHANICAL&ENVIRONMENT PROPERTIES

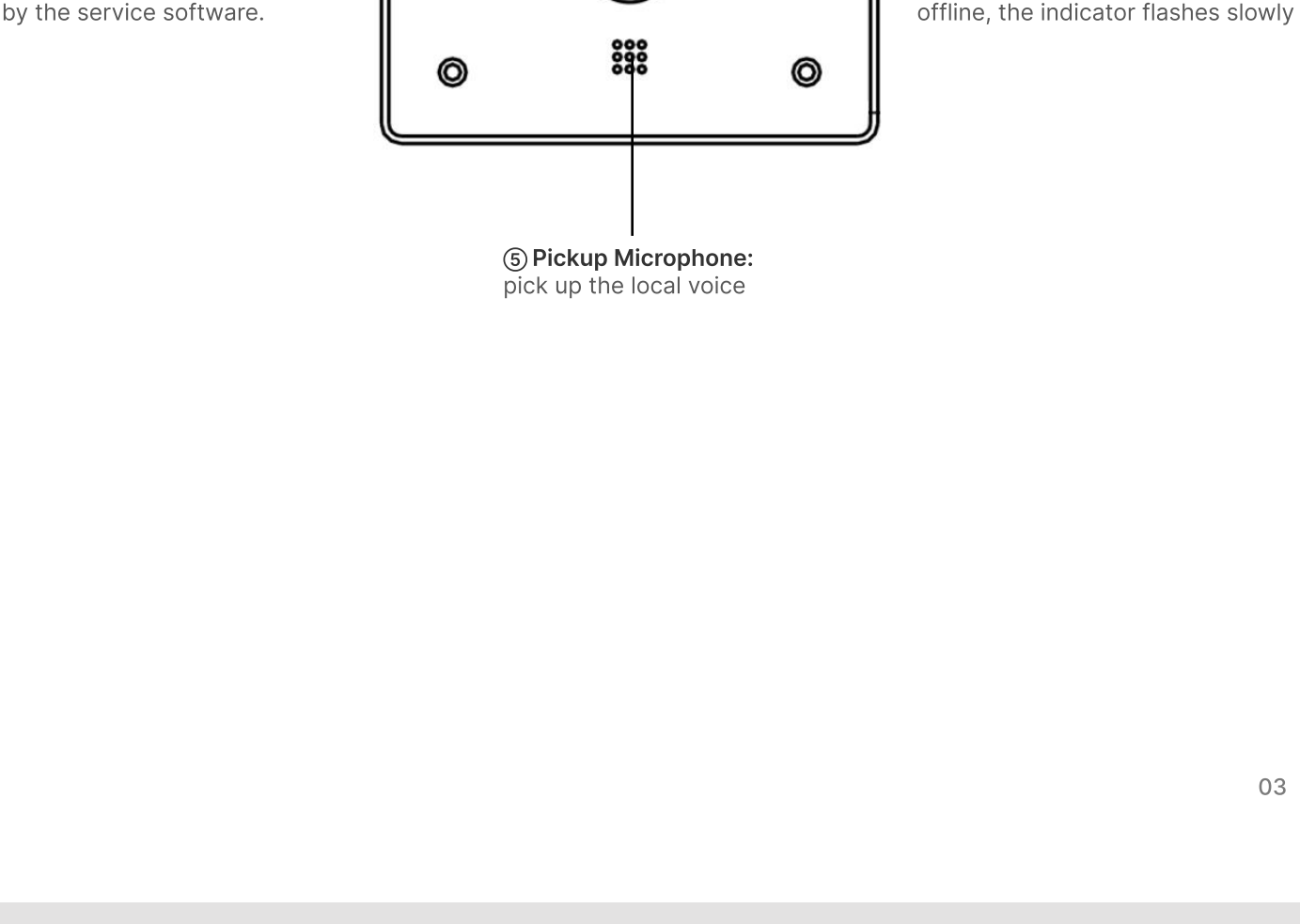
Mounting Method:	Surface-Mounted
Installation Environment:	Dry Indoor Locations
Operating Temperature:	-20°C~+60°C
Operating Humidity:	25%~90%(RH Non-Condensing)
Body Material:	Aluminium Alloy
Color:	Silver
Back Shell Material:	Steel
Product Dimension:	101×191×46mm
Product Weight:	0.95 Kg
Product Warranty:	2 Years

ACCESSORIES

- 1×Power Adaptor(24V/1A)(Optional)
- 4×Allen Screw(M3×12)
- 1×Allen Wrench(2.5mm)
- 1×Wiring Terminal(3.5-2P)
- 1×Wiring Terminal(3.5-3P)
- 4×Half Round Head Phillips Screw(ST4×25)
- 1×Red-Black Line(X12-80)
- 1×Red-White Line(X12-100)
- 1×Quality Certificate&Warranty Card
- 1×Quick Installation Guide

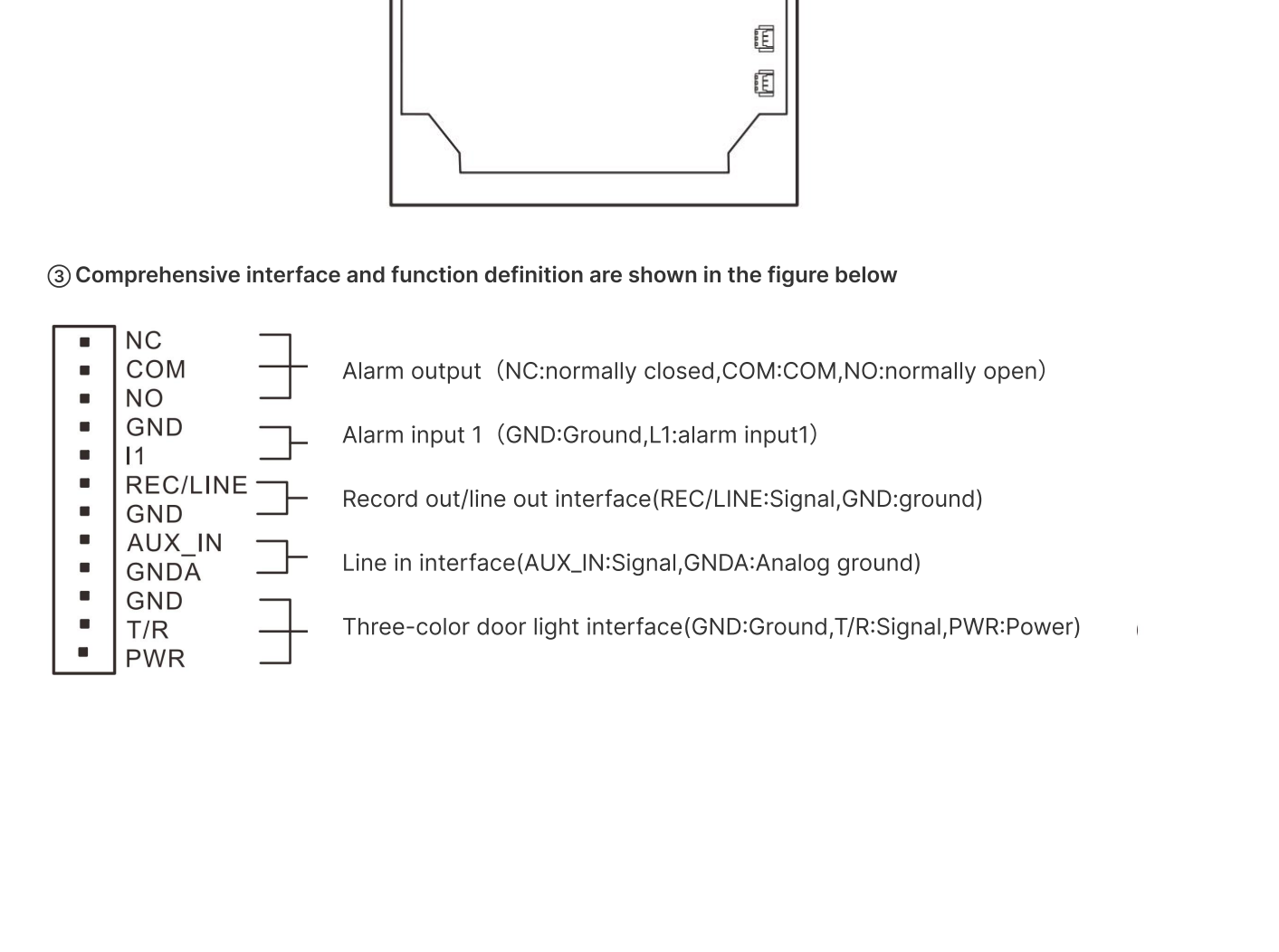
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PORTS DESCRIPTION



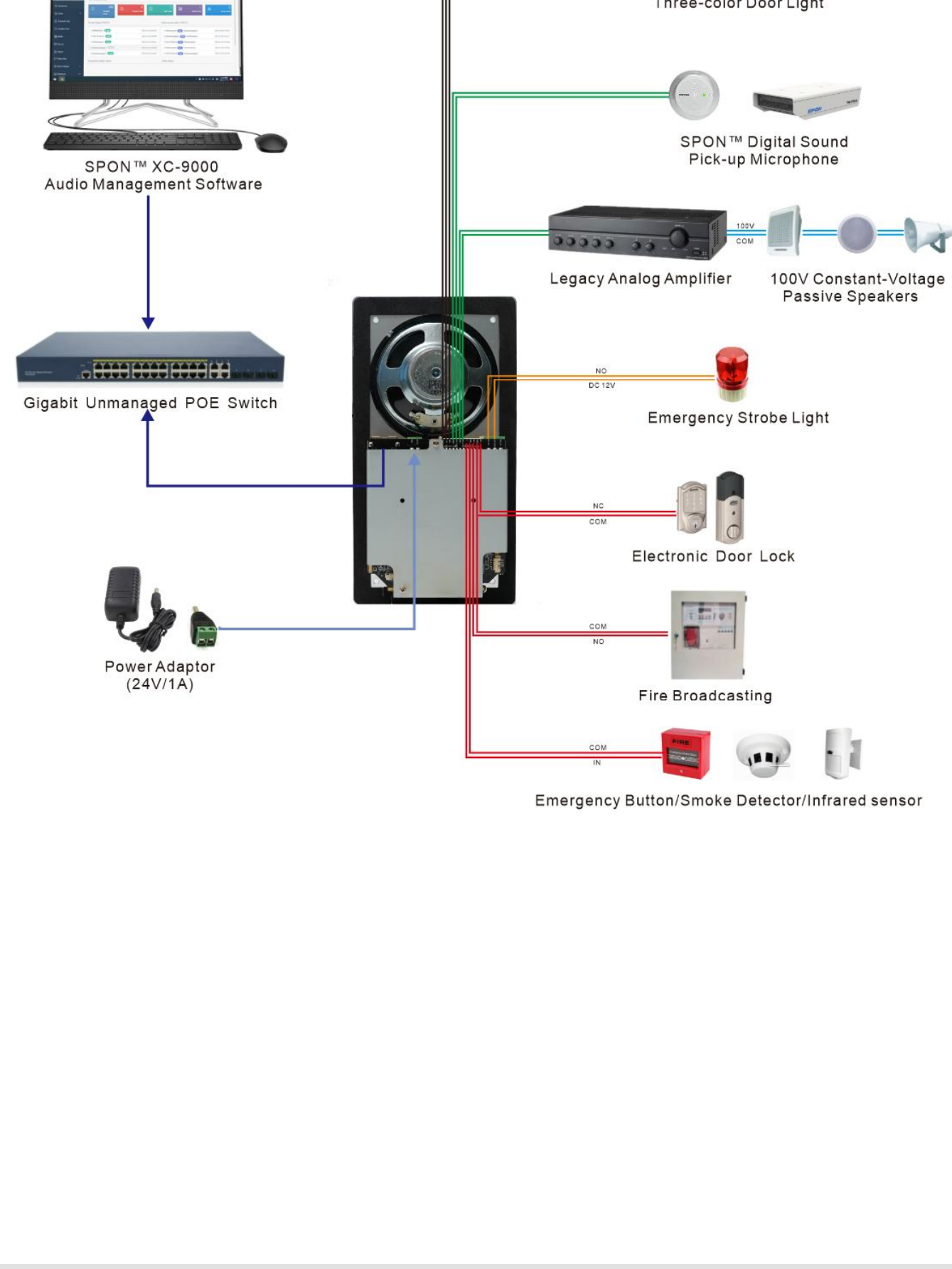
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PORTS DESCRIPTION



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CONNECTION DIAGRAM

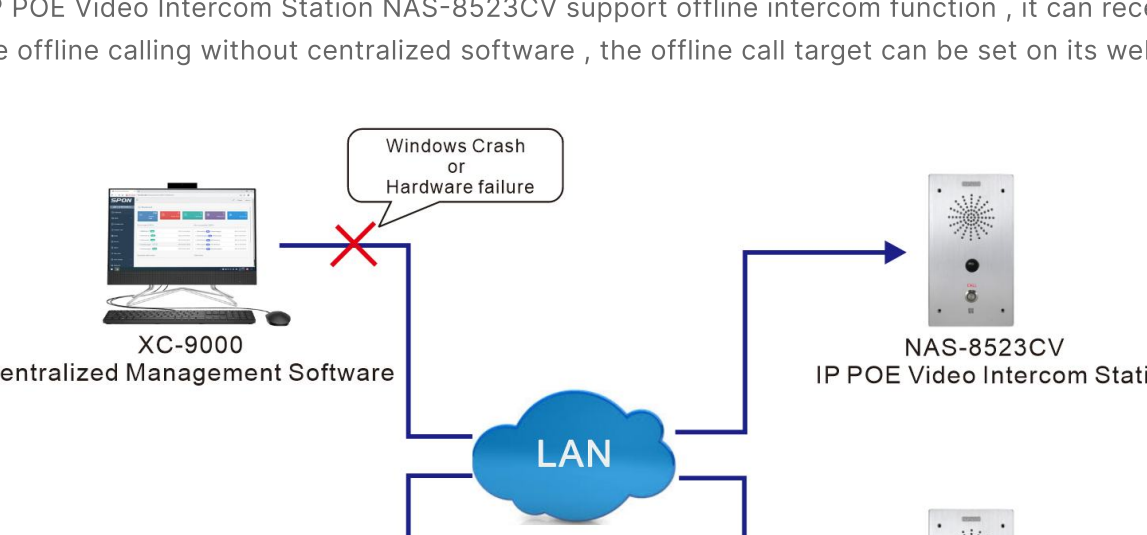


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APPLICATIONS

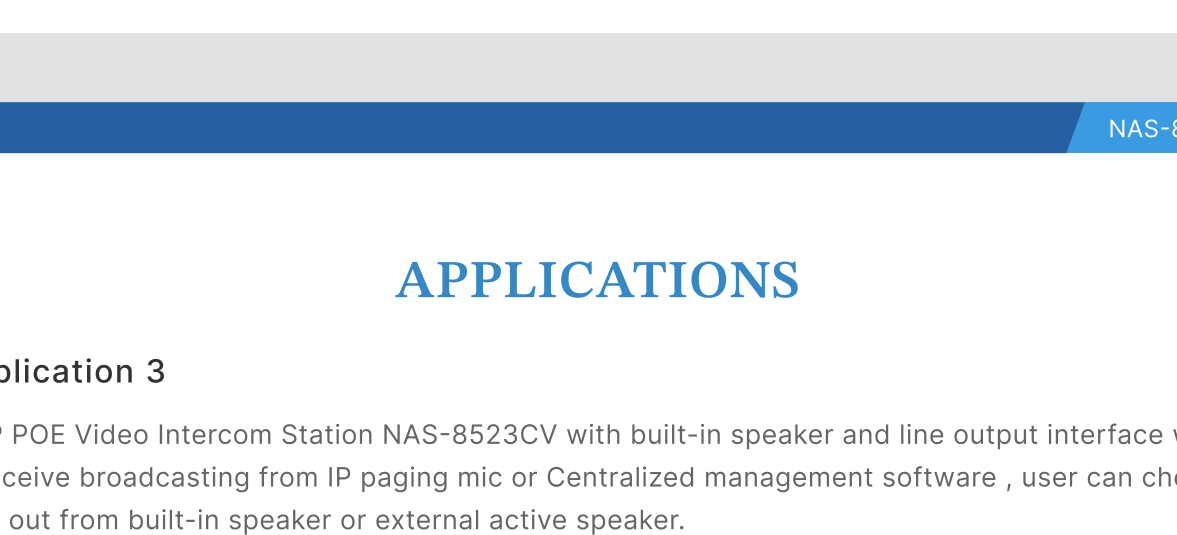
Application 1

The IP POE Video Intercom Station NAS-8523CV support SIP protocol which can be independently used as a sip endpoint to integrated with mainstream VOIP system for receiving sip call from SIP phone or SIP softphone ; Meanwhile , it also can receive call from SPON IP paging microphone or mobile APP under the SPON management software .



Application 2

The IP POE Video Intercom Station NAS-8523CV support offline intercom function , it can receive and initiate offline calling without centralized software , the offline call target can be set on its webpage.

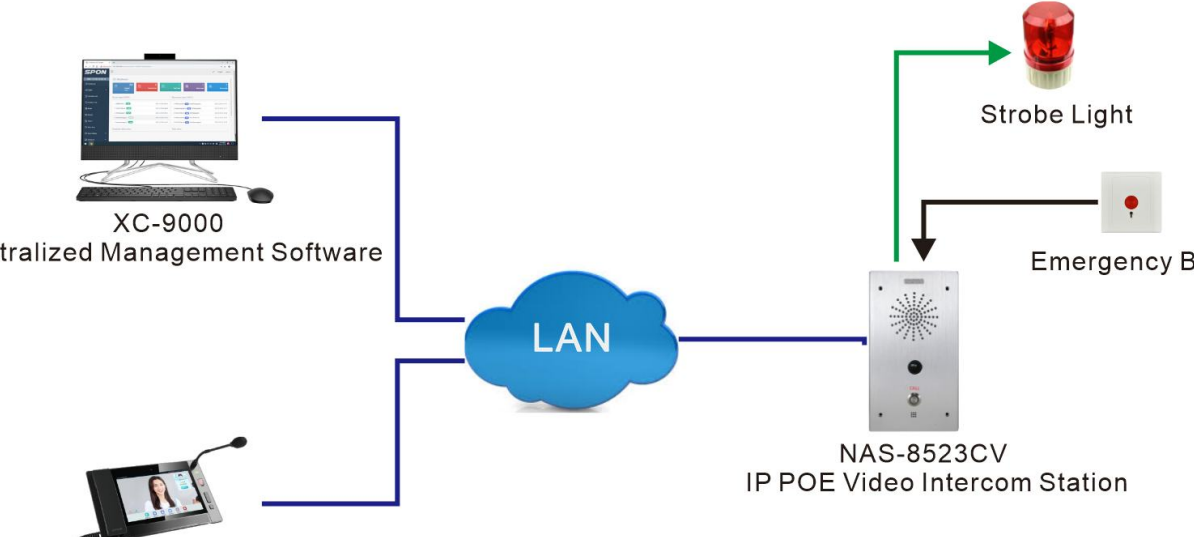


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APPLICATIONS

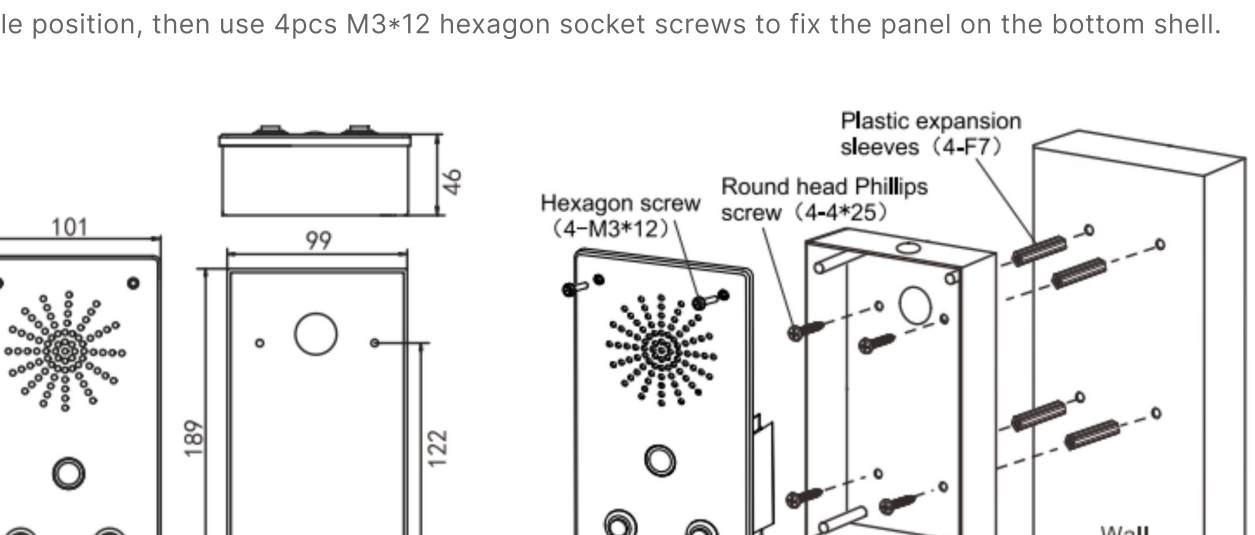
Application 3

The IP POE Video Intercom Station NAS-8523CV with built-in speaker and line output interface which can receive broadcasting from IP paging mic or Centralized management software , user can choose the sound out from built-in speaker or external active speaker.



Application 4

The IP POE Video Intercom Station NAS-8523CV with relay I/O interface which can be connect with emergency button or smoke detector 、strobe light or electronic door lock . During intercom call , the relay output can be triggered by the remote IP paging mic .User also can set the task of triggering the automatic call through the emergency button in the software.



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DIMENSION DRAWING

Installation instructions

First use 4 plastic expansion sleeves and round head Phillips screws to install the bottom shell in a suitable position, then use 4pcs M3×12 hexagon socket screws to fix the panel on the bottom shell.

