



NAS-8523DV

IP Video Intercom Panel

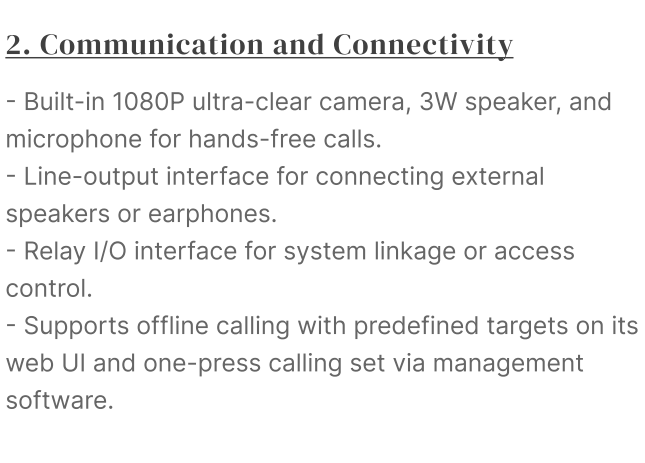
SPON IP POE Video Intercom Station NAS-8523DV with a separate microphone and speaker, allowing full duplex one-way video conversations with IP Master Stations. It is equipped with two assignable call button which used for any indoor environment.



MAIN FEATURES

1. Robust Design and Enhanced Security

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



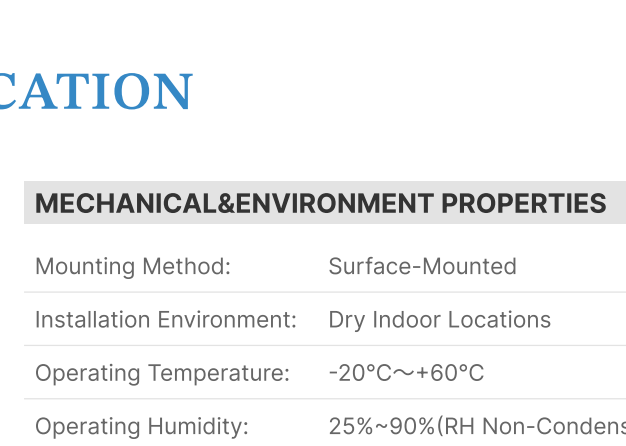
2. Communication and Connectivity

- 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

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

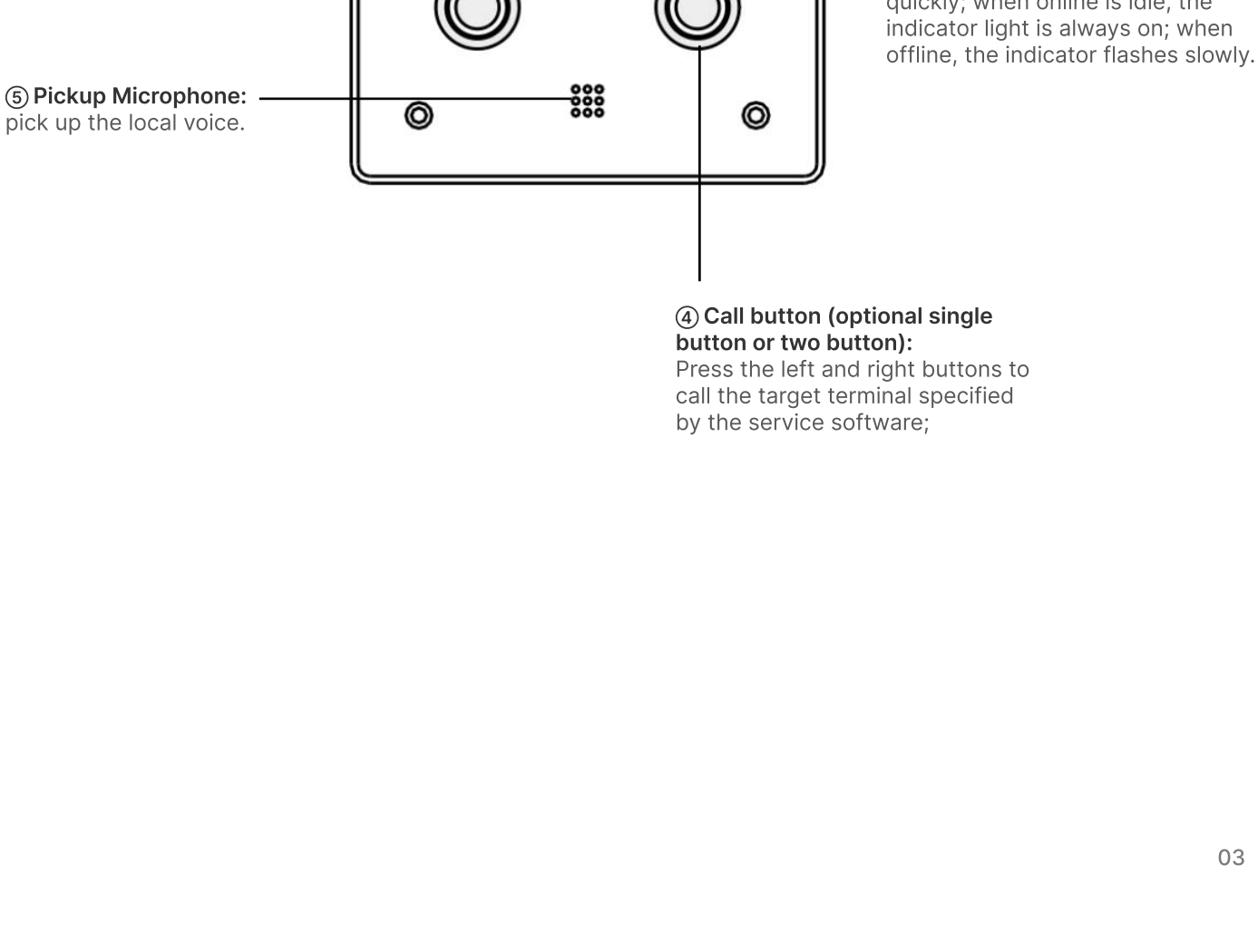
Mounting Method:	Surface-Mounted
Installation Environment:	Dry Indoor Locations
Operating Temperature:	-20°C~+60°C
Operating Humidity:	25%~90%(RH Non-Condensing)
Body Material:	Aluminium Alloy
Color:	Silver
Back Shell Material:	Steel
Product Dimension:	101×191×46mm
Product Weight:	0.95 Kg
Product Warranty:	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(X2-80)
- 1×Red-White Line(X12-100)
- 1×Quality Certificate&Warranty Card
- 1×Quick Installation Guide

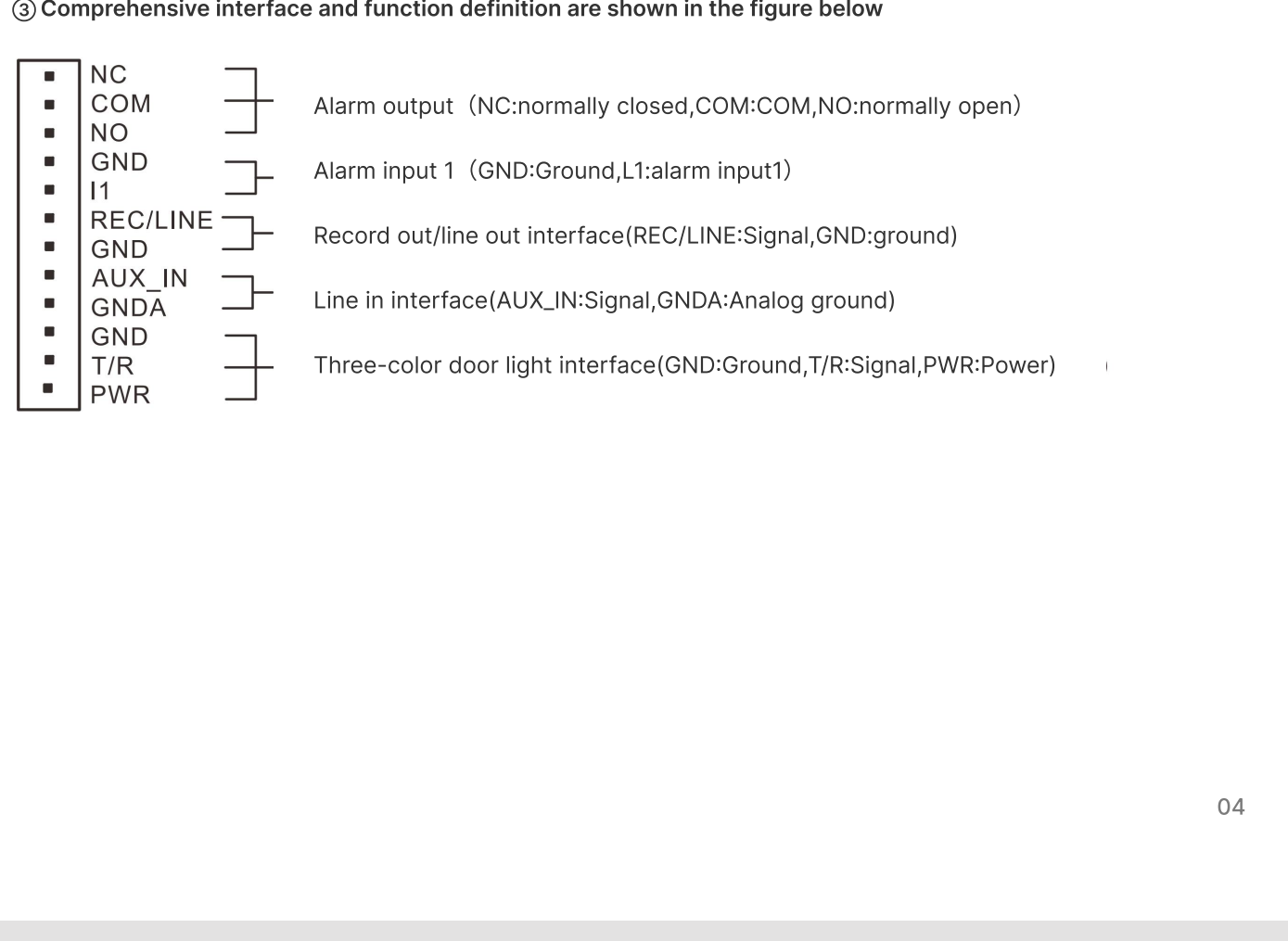
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PORTS DESCRIPTION



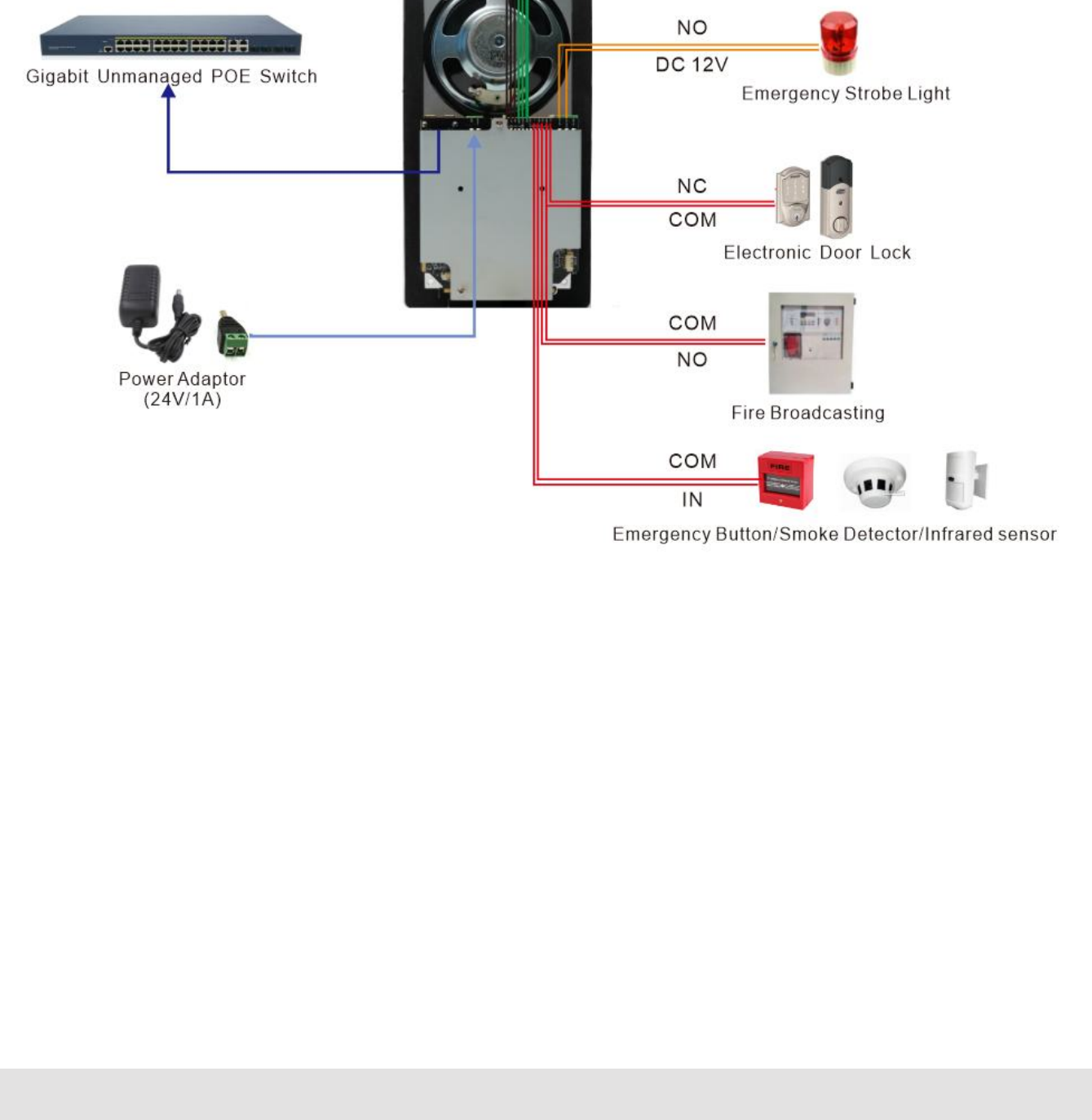
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PORTS DESCRIPTION



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CONNECTION DIAGRAM

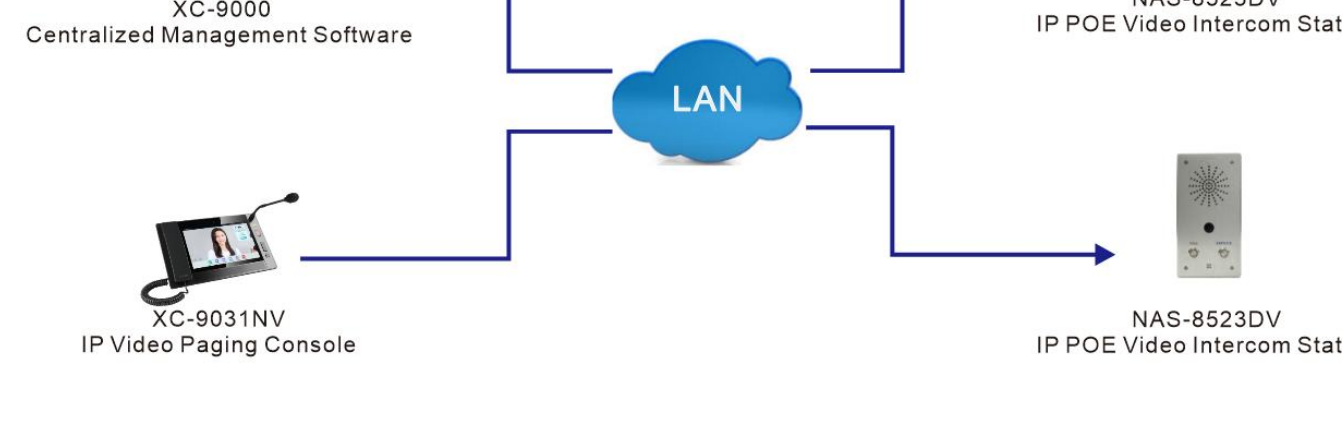


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APPLICATIONS

Application 1

The IP POE Video Intercom Station NAS-8523DV 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-8523DV 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

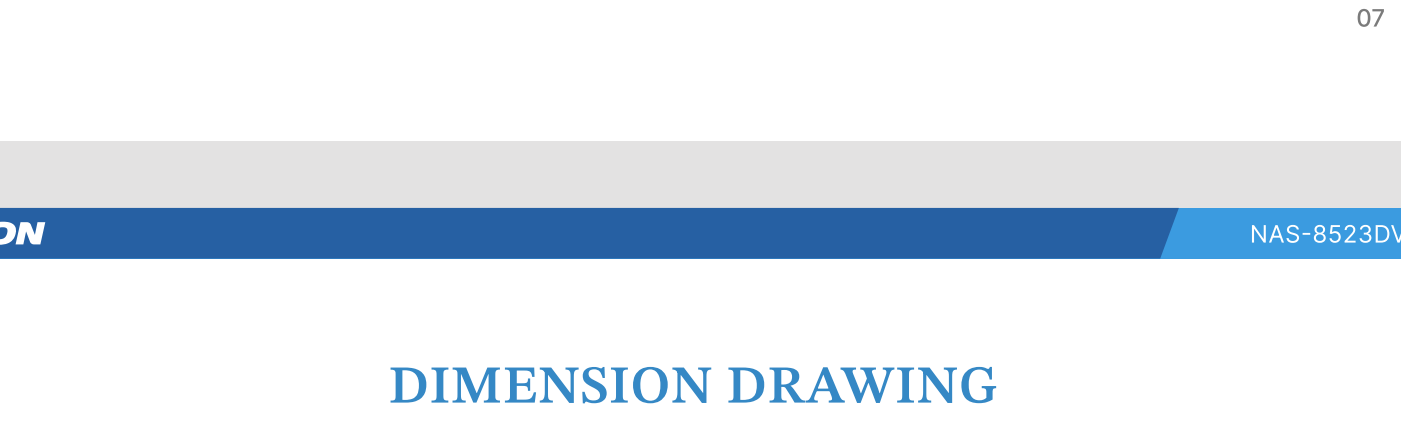
Application 3

The IP POE Video Intercom Station NAS-8523DV 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-8523DV 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.

