

XC-9923DV

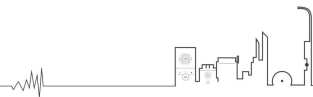
Network Intelligent Video Intercom Station



SPON Network Video Intercom Station XC-9923DV is equipped with SPON's proprietary intellectual property IPAudio digital network audio technology. The terminal comes with power input interfaces, network interfaces, alarm input/output ports, and a high-definition camera. It supports full-duplex intercom, receiving broadcasts, and other functions.

MAIN FUNCTIONS

1. With a high-quality aluminum alloy casing, which is sturdy and durable.
2. Equipped with built-in speakers and microphone heads, it supports hands-free calling, receiving broadcasts, and live monitoring.
3. Dual button configuration allows for one-touch intercom and one-touch alarm, enabling full-duplex communication.
4. With a built-in 1080P high-definition camera with an ultra-wide-angle view, providing extensive coverage.
5. The camera has dynamic bandwidth adjustment, automatically compensating for backlight or suppressing strong light to ensure high clarity.
6. Supports offline intercom without the need for a server (both initiating and receiving calls), and can configure offline call targets through a web page.
7. With a 1-channel 12V controlled power output port, capable of driving flashing warning lights.
8. Equipped with 2 relay inputs and 1 relay output.
9. Work with VOIP telephone system for two-way voice communication.



SPECIFICATION

Power Parameters

Power Supply:DC24V ,1A

Standby Power Consumption:<3W

Overall Power Consumption:≤6W

Audio & Video Parameters

Audio Codec:MP2, MP3, PCM, ADPCM

Audio Sampling & Bit Rate:8kHz~44.1kHz, 16bit, 8kbps~320kbps

Built-in Speaker:3W ,4Ω

S/N(Broadcast-Speaker):82dB

THD (Total Harmonic Distortion):<1%

Camera:1080P

Video Transmission Bit Rate:512Kbps-4Mbps

Video Codec:VGA/720P/1080P

Network Parameters

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

Network Protocol:TCP/IP、UDP、ARP、ICMP、IGMP、SIP、HTTP

Configuration Method:Web Interface or DevConfig Tool

Mechanical&Environment Properties

Mounting Method:Wall-mounted

Installation Environment:Dry Indoor Locations Only

Operating Temperature:0℃~+45℃ (32°F~113°F)

Operating Humidity:≤90% RH non-condensing

Front Panel Material:Aluminum Alloy

Housing Material:Surface-Treated Steel Plate

Color:Silver

Product Dimensions:100x190x50mm

Product Weight:0.95KG

Product Warranty:2 Years

Accessories

5×Inner Hexagon Screw(M3*10)

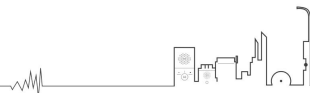
1×Inner Hexagon L-form Wrench

1×Terminal(3.5-2P)

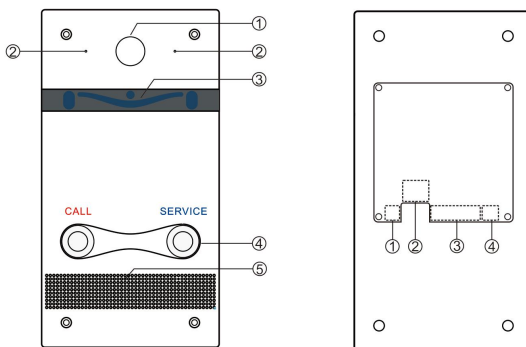
1×Connection Cable(X2-100)

1×Quick Installation Guide

1×Power Adaptor(DC12V/1.5A)



INTERFACE DESCRIPTION



[Front Panel]

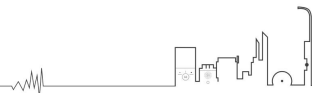
- ① Camera
- ② Built-in Mic
- ③ Status Indicator Light
- ④ Call Button
- ⑤ Built-in Speaker

[Rear Panel]

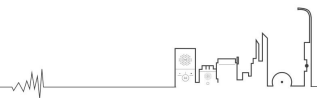
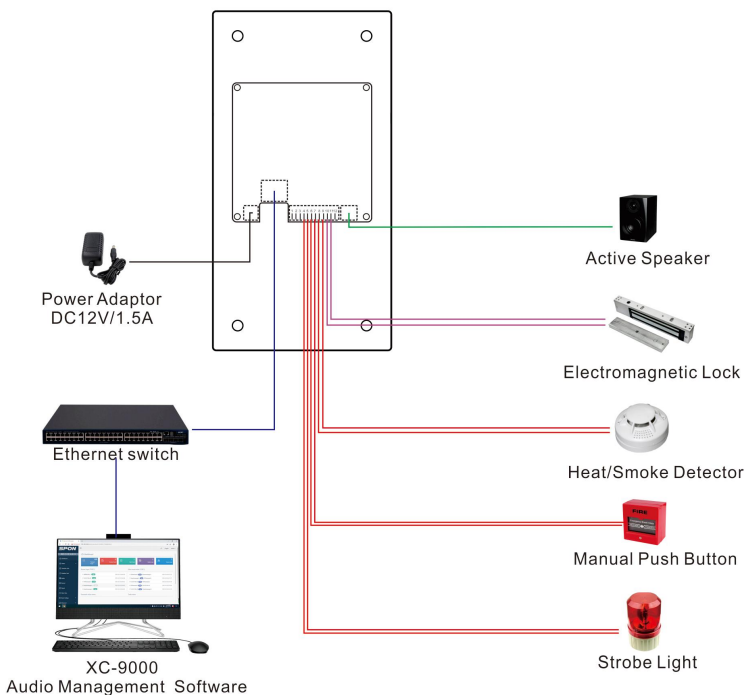
- ① Line Output Interface
- ② Integrated Interface

1	PWR_OUT: Power for the Three Color Door Light
2	DAT: Data for the Three Color Door Light
3	GND: GND for the Three Color Door Light
4	12V: Controlled Power Output Port
5	GND: GND
6	IN1: Alarm Input 1
7	GND: GND
8	IN2: Alarm Input 2
9	GND: GND
10	NO1: Normal Open
11	COM: COM
12	NC1: Normal Close

- ③ Network Interface
- ④ Power Input Interface



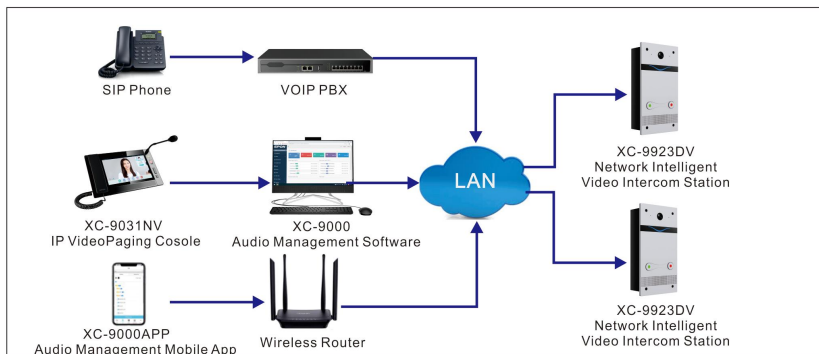
CONNECTION DIAGRAM



TYPICAL APPLICATION

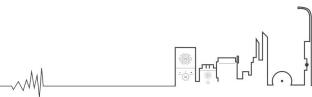
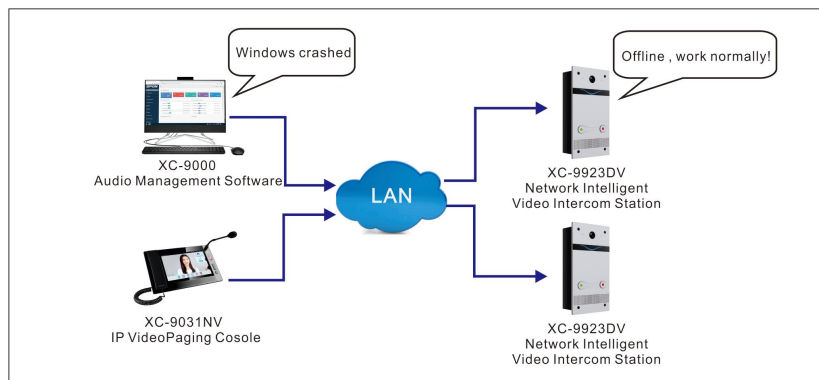
APPLICATION 1

The Network Intelligent Video Intercom Station XC-9923DV can receive video & audio intercom initiated by the 3-rd party VOIP telephone 、 SPON IP paging Console /APP(Windows、 Android/IOS),etc. Built-in mic for full duplex communication.



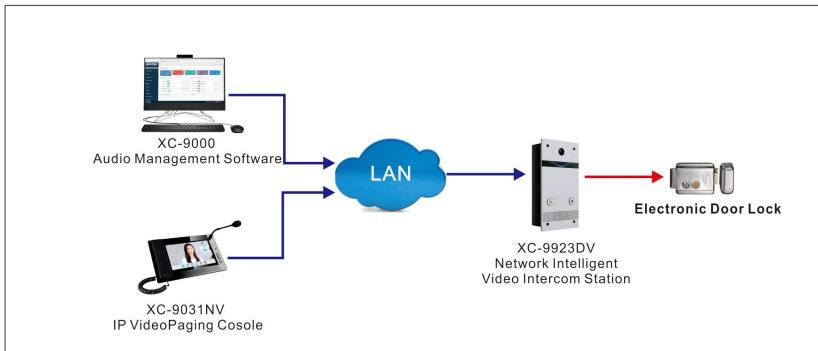
APPLICATION 2

The Network Intelligent Video Intercom Station XC-9923DV support offline intercom , the offline call target need to pre-set on its webpage, when the windows crashed , the system can normally work .

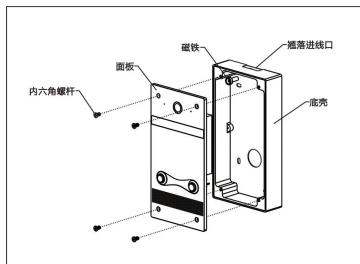
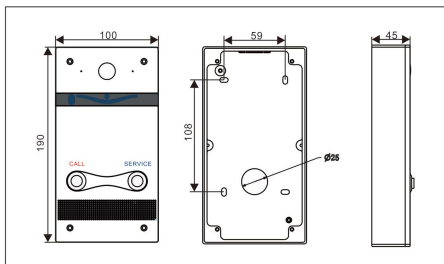


APPLICATION 3

The Network Intelligent Video Intercom Station XC-9923DV equipped with Relay output interface which can be connect to electronic door lock . During intercom with IP Video Paging Console XC-9031NV , the electronic door lock can be released remotely by IP Video Paging Console XC-9031NV.



DIMENSION DRAWING



Installation instructions:

- 1.Start by embedding the concealed box kit into the wall, ensuring that its outer edge is flush with the wall.
- 2.Attach the panel to the front of the concealed box kit.
- 3.secure the panel in place using M3X10 internal hex screws.

