



NEP-6022V

IP Explosionproof Video Intercom Station

SPON IP Explosionproof Video Intercom Station is a high-performance stainless network-based intercom device, particularly designed for the use of applications in mining , oil factories,chemical factories ect. Its most important and expressed features are that the Ex Intercom is with the IP68 protection and with its explosion-proof performance, which allow it to be installed in these harsh environment.

IP68

SIP

Stainless steel shell

Onvif

MAIN FEATURES

▲ Robust Construction

- Stainless Steel Shell: Ensures durability.
- IP68 Protection Rating: Resistant to dust and water.

▲ Enhanced Communication

- Anti-static Handset: Clear voice communication.
- Physical Buttons: Convenient two-way communication.

▲ Video Capabilities

- High-Resolution Camera: Detailed video capture.
- Multiple Output Resolutions: Flexible video options.
- Intuitive Web Interface: Easy video checking.

▲ Versatile Connectivity

- Public Address Capability: Coverage in all zones.
- Local Communication: Independent of central management.
- Programmable Target Terminals: Quick and customizable communication.
- Built-in Digital Amplifier: Additional speaker connectivity.
- Fiber Ports: Direct fiber connection option.
- Standard RJ45 Ethernet Port: Accessible across networks.

01

SPECIFICATION

POWER PARAMETERS

Power Supply:	AC100~240V , 50/60Hz
Power Consumption:	≤50W

AUDIO & VIDEO PARAMETERS

Audio Codec:	WAV, PCM, ADPCM
Audio Sampling & Bit Rate:	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Built-In Camera:	CMOS
Video Encode:	H.264
Video Transmission Bit Rate:	96Kbps-1024Kbps

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:	Surface-Mounted
Installation Environment:	Outdoor Locations
Operating Temperature:	-20°C~+40°C
Operating Humidity:	10%~90% RH Non-Condensing
Shell Material:	Stainless Steel
Color:	Silver
Product Dimensions:	356×402×178mm
Product Weight:	19kg
Protection Level:	IP68
Product Warranty:	2 Years

ACCESSORIES

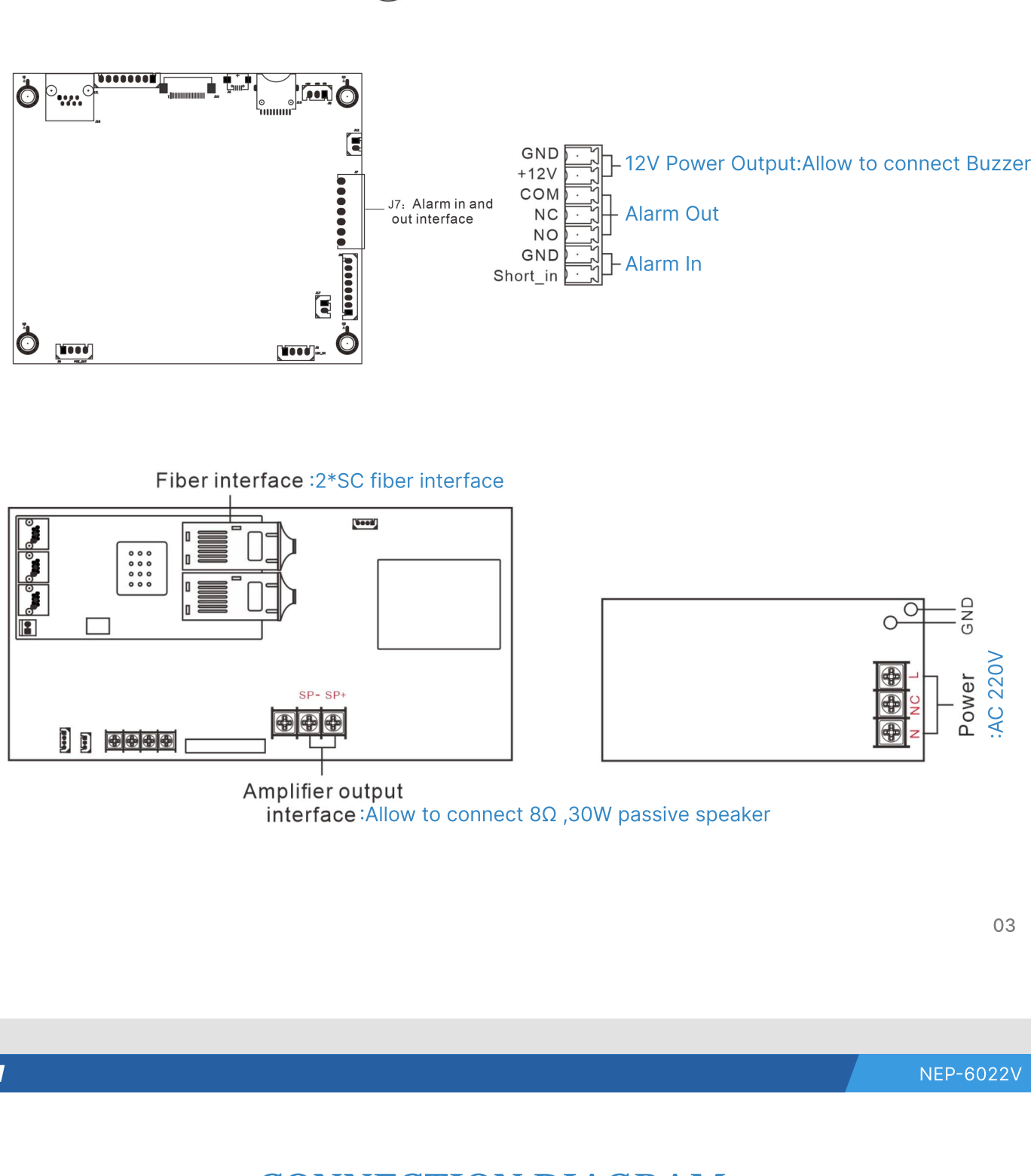
4×Expansion Screws(M10×60)

1×Quick Installation Guide

1×Certificate And Warranty Card

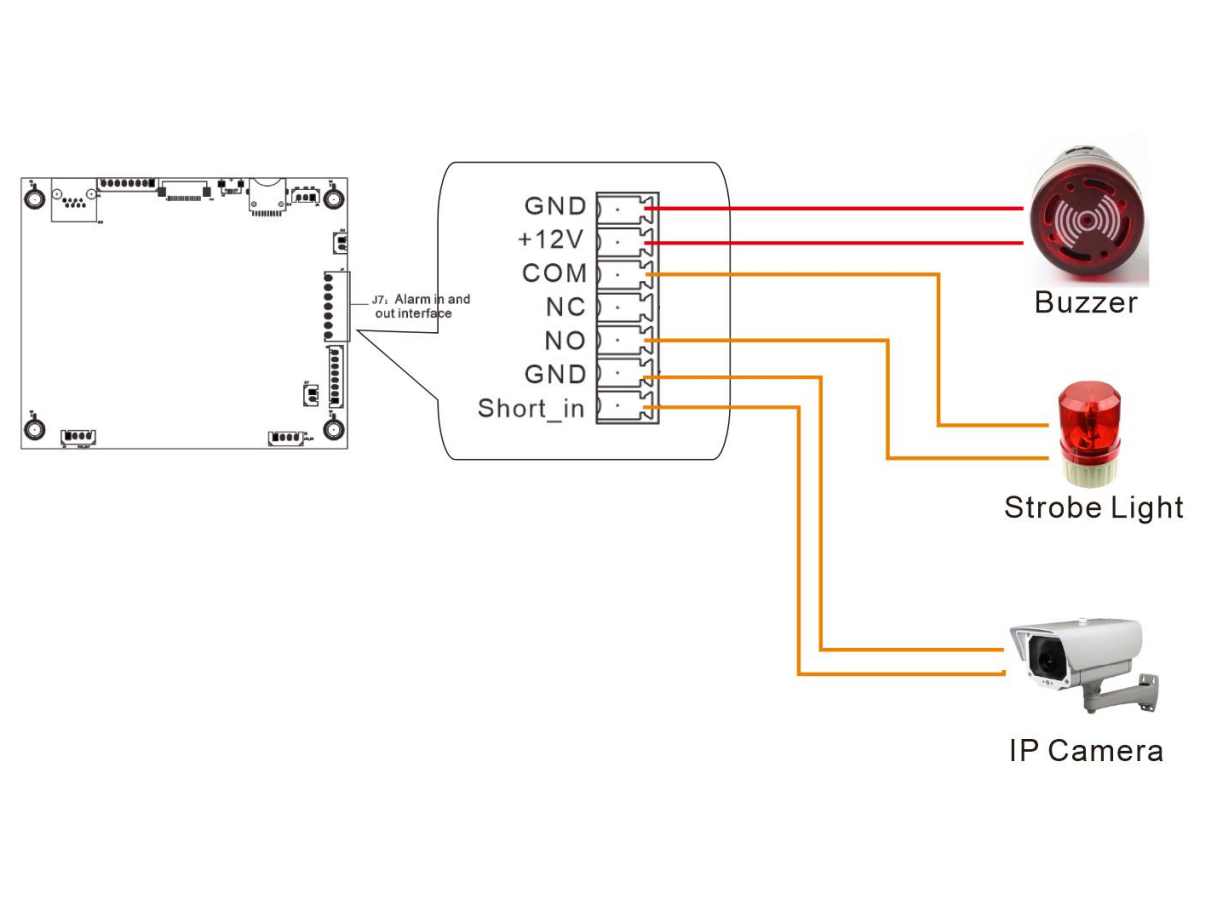
02

INTERFACE DESCRIPTION



03

CONNECTION DIAGRAM

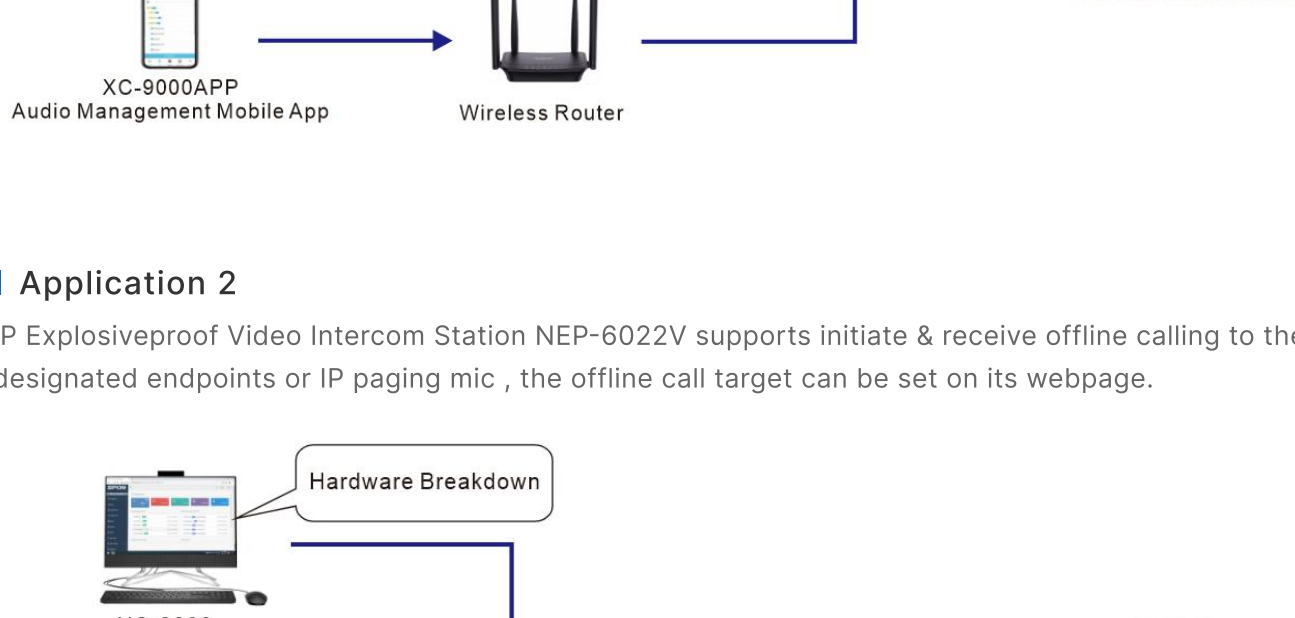


04

APPLICATIONS

Application 1

IP Explosiveproof Video Intercom Station NEP-6022V Support initiate&receive two-way intercom with IP paging Console or Mobile application .Meanwhile, after make sip trunk between the VOIP system and SPON software XC-9000, the NEP-6022V can make a sip call with 3rd party sip telephone or sip softphone.



Application 2

IP Explosiveproof Video Intercom Station NEP-6022V supports initiate & receive offline calling to the designated endpoints or IP paging mic , the offline call target can be set on its webpage.

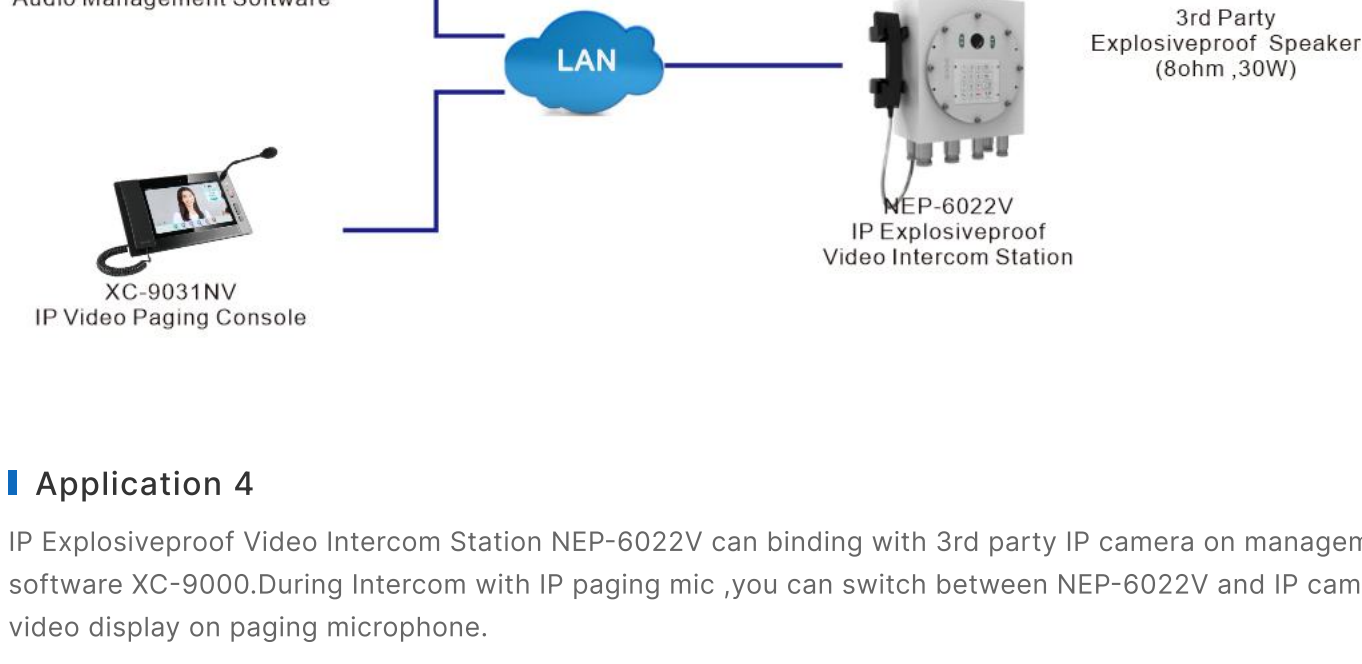


05

APPLICATIONS

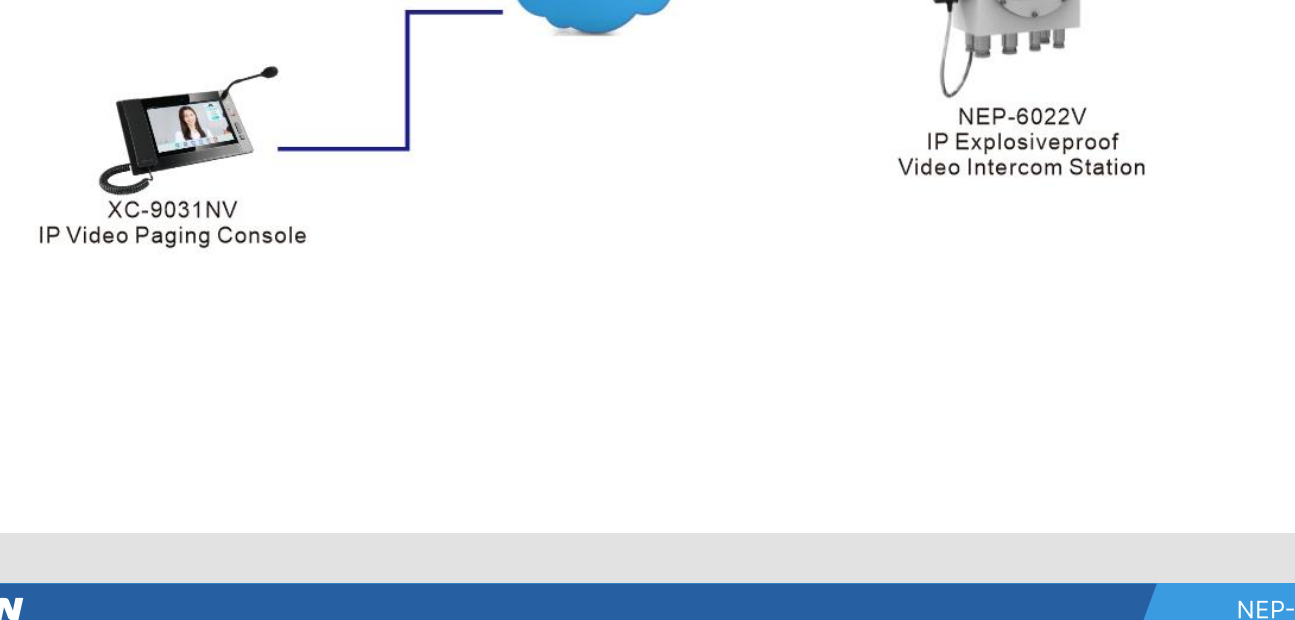
Application 3

IP Explosiveproof Video Intercom Station NEP-6022V has a built-in amplifier which can drive external passive speaker , when broadcasting from software or IP paging mic , the output sound of NEP-6022V can be defined to output from external passive speaker.



Application 4

IP Explosiveproof Video Intercom Station NEP-6022V can binding with 3rd party IP camera on management software XC-9000.During Intercom with IP paging mic ,you can switch between NEP-6022V and IP camera video display on paging microphone.



06

DIMENSION DRAWING

Installation instructions

Installer shall drill a hole on the wall based on specification of 14mm diameter and 60mm depth , then put the expansion screws through the intercom installation hole and fix them into the wall , finally fixing the intercom by nut , shim and spring washer.

Note : Please do not take off waterproof film on the dialpad.

