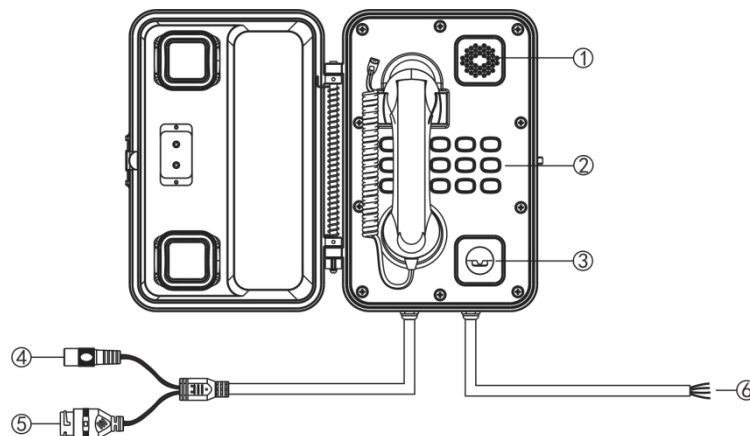# XC-9201　IP Intercom Terminal

Main Features:

- Aluminum alloy casted shell with strong anti-riot property and automatic door-covering function
- With numerical keys to make a random full-duplex intercom to any terminals
- With emergency call button ,can make a one-button call to the preset terminal
- Supportive of offline talking without server
- Supportive of initiating and receiving broadcast function
- With one alarm output and one amplifier output interface ,can be connected with alarm light and speaker
- With standard RJ45 interface supportive of crossing network segment and router ,accessible to the system if the Ethernet is available
- Supportive of POE power supply

Specification

XC-9201		
Audio Parameters	Frequency Range	20Hz-16KHz
	Audio sampling &bit rate	8kHz～44.1kHz，16bit
	Audio transmission bit rate	8kbps-320kbps
	SNR	>90dB
	Audio codec	PCM/ADPCM/WAV
Network Parameters	Network Protocol	TCP/IP、UDP、ARP、ICMP、SIP、IGMP
	Network transmission rate	10M/100M adaptive
Interface Parameters	DC power	24V/2.7A
	Amplifier input interface	DC power：30W/8Ω；POE power：15W/8Ω
	Alarm output interface	12V/500mA(MAX)
	POE power	IEEE 802.3 af/at
General Parameters	Operating temperature	-20℃-60℃
	Operating humidity	≤90%（No condensation）
	Shell material	Metal
	Shell color	Yellow
	Installation	Wall-mounted
	Dimension	346*241*125（mm）
	Weight	7.4Kg

Interface

①Speaker
②Function button

Button	Function
"0-9" Number button	Used for input target ID when initiate intercom.
"#" , "*" Button	"Ok" button, "Cancel" button
" " Button	Hands-free call button
"CALL" Button	Emergency call button, press it to call the server mapping target ID directly.
"PA" Button	Initiate broadcast.

Note:

1.When picking up the handset, the digital zone light is normally on, and it is normally off when the handset is put down.

2.When offline, the hands-free, emergency call, and broadcast three function button lights flash slowly, and the lights are always on when the line is idle.

③Pickup mic

④Power input interface: 24V/2.7A power input.

⑤Network interface: insert cable to connect with the switcher, so that the terminal can normally login to server.(The device supports power supply by POE, so it is needn't to connect with any power supply if the network interface has already connected POE switcher.)
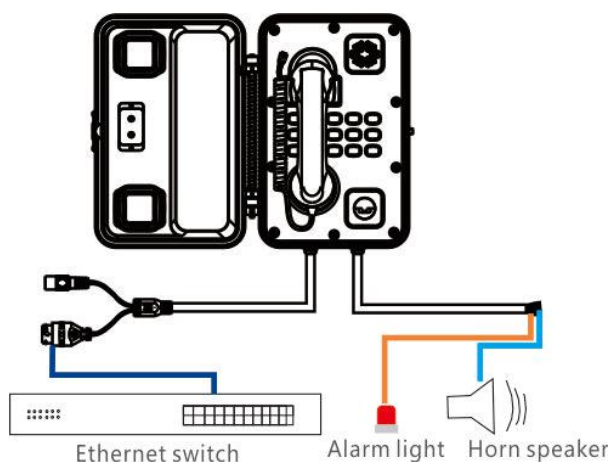
⑥Six-core tail line, the relevant interface functions are as follows:

● Black line, white line: alarm output port, connected to the police light. The white line is connected to the positive (+) and the black line is connected to the negative (-). (Alarm output voltage: 12V ± 5%, maximum current: 500mA).

● Brown line, yellow line: power amplifier output port, brown line is the speaker positive (+), yellow line is the speaker negative (-).
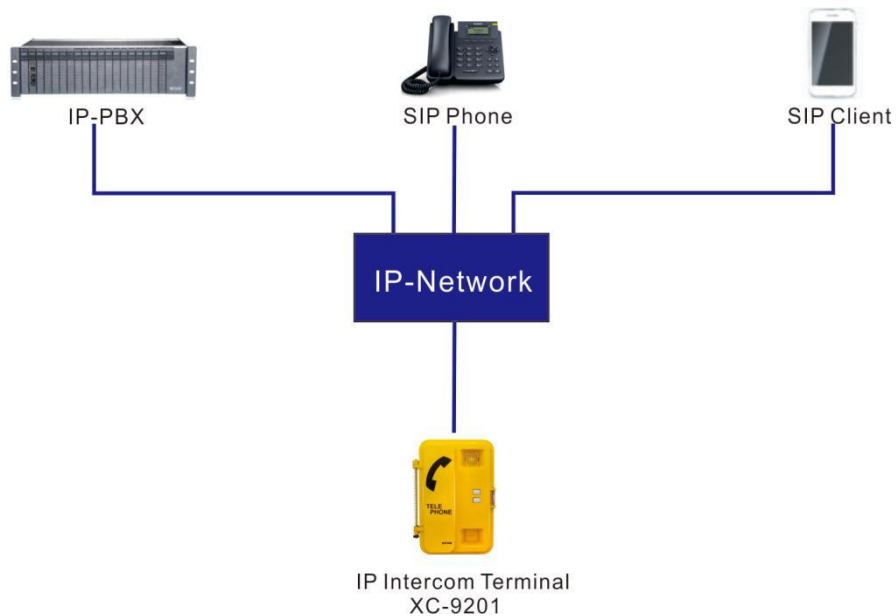
● Green line and blue line: Firmware backup interface. Power on when shorted, the device will be restored to factory settings.

Wiring

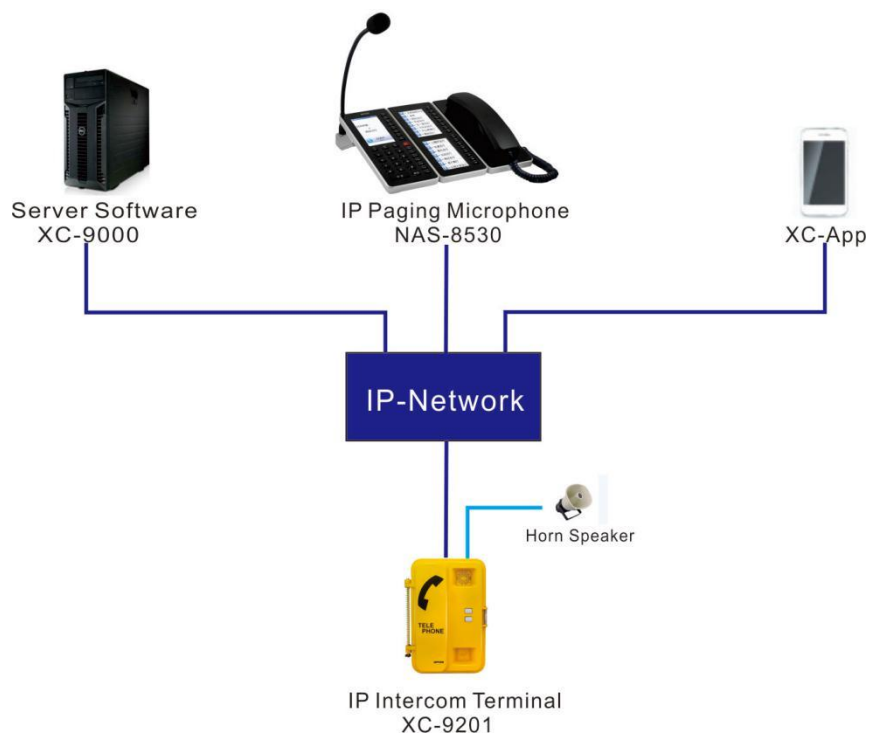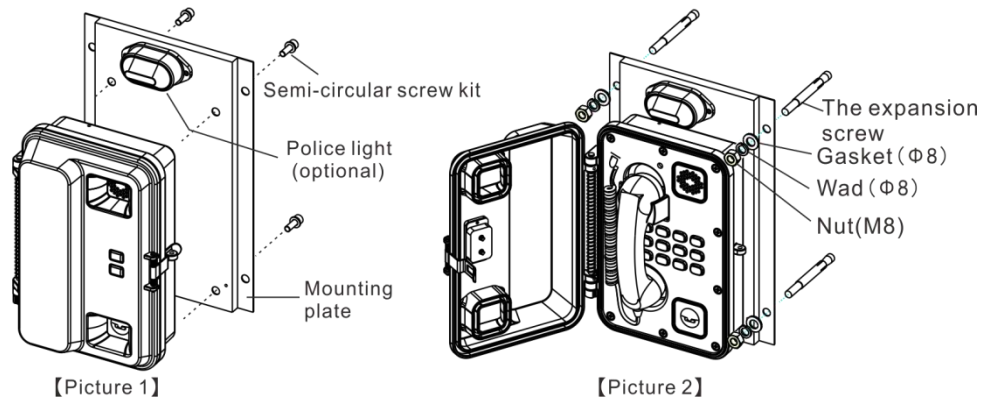Ethernet switch   Alarm light   Horn speaker

Application

Application1: IP Intercom Terminal XC-9201 compatiable with standard SIP protocol , can independently access to the VOIP phone system and make a two-way intercom with sip phone or sip softphone ;

Application3: IP Intercom Terminal XC-9201 can be connected with external horn speaker(8Ω) , it can receive the broadcast tasks from server and the sound output from the horn speaker ; Meanwhile , it supports one-button call with IP Paging Microphone.

Installation

Semi-circular screw kit

Police light (optional)

Mounting plate

【Picture 1】

The expansion screw
Gasket（Φ8）
Wad（Φ8）
Nut(M8)

【Picture 2】

Step 1: secure the main unit to the mounting plate using the semi-circular screw kit in the accessory. As shown in Picture1. (If don't select alarming light , then the mounting plate and terminal is already secured , users can install it directly following step 2)

Step 2: in the installation position of the equipment, pre-drill the hole of the expansion sleeve according to the hole size of the mounting plate, knock the expansion screw into the wall of the installation position, and then fix the equipment with nuts and washers, as shown in Picture 2.

Note:

1) Expansion screws are not standard accessories, please choose suitable screws according to wall strength. When installing, please ensure the stability of the wall surface. It can't be installed directly on a wall with insufficient strength, such as gypsum board .If so , please reinforce the installing position to avoid any accident ;

2) Please pay attention to the grounding of the equipment during installation. The grounding wire can be connected to any screw on the mounting plate on the back of the device.