

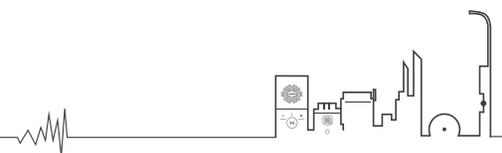
# NAS-8523C/D

## IP INTERCOM TERMINAL



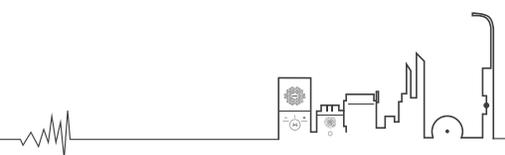
## MAIN FUNCTIONS

- High-grade aluminum panel, sturdy and durable, beautiful and generous;
- Built in 3W speaker and microphone , available for hands-free call and receiving broadcast;
- With the function of initiating and receiving a call without server , the offline call target can be set on its webpage
- The terminal can be connected with an alarm control module to expand the alarm input and alarm output interfaces;
- With 1 controlled power output (DC12V), it can directly drive alarm light;
- Support keyword recognition function, the terminal can trigger the alarm by recognizing the specified keywords issued by the surrounding environment
- Support NAS and SIP protocol , the protocol can be switched on its webpage
- With a standard RJ45 interface supportive of crossing network segment and router ,accessible to the system if the ethernet is available.



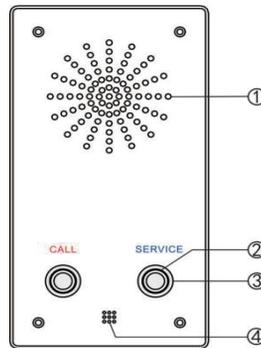
## SPECIFICATIONS

NAS-8523C/D		
<b>Power parameters</b>	Power	DC 24V/1A or DC 12V/1A, support POE(IEEE802.3AF)
	Power consumption	≤3W
	Frequency response	40Hz-10KHz(WAV)
	Video transmission bit rate	22.05KHz, 16bit
	Harmonic distortion	<1%
<b>Network parameters</b>	Network transmission	10/100Mbps self-adaptive
	Protocol	TCP/IP、UDP、ARP、ICMP、IGMP、SIP、HTTP、FTP
<b>Build-in Mic</b>	Sensitivity	-45±3dB
	Directivity	Omnidirectional
<b>Speaker</b>	Rated power	1W
	Impedance	8 Ohm
	Shell color	Silver
	Shell material	Aluminum
	Interface	1 network port; 1 power input port; 1 audio output port; 2 alarm input ports; 1 alarm output port; 1 three-color door light interface; 1 controlled power output (12V output, only 24V/ (Valid when DC power supply); 1 audio input port; 1 audio output port or 1 recording output port (support 24H recording)
	Temperature	-20 °C to 55 °C
	Humidity	25%~90% RH (no condensing)
	Demension	101x46x191mm
	Weight	1.1KG



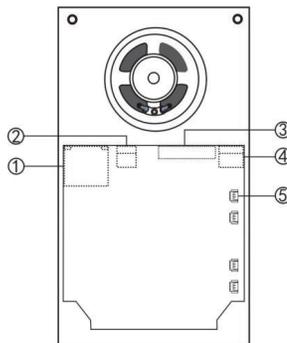
# INTERFACE

## Front panel



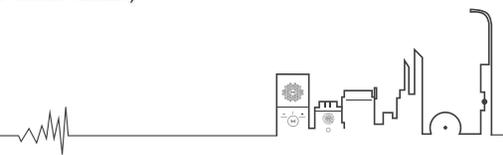
- ①loudspeaker
- ②Status indicator ring: When the device is broadcasting or intercom, the indicator flashes quickly; when online is idle, the indicator light is always on; when offline, the indicator flashes slowly
- ③Call button (optional single button or two button): Press the left and right buttons to call the target terminal specified by the service software;
- ④Mic

## Rear panel



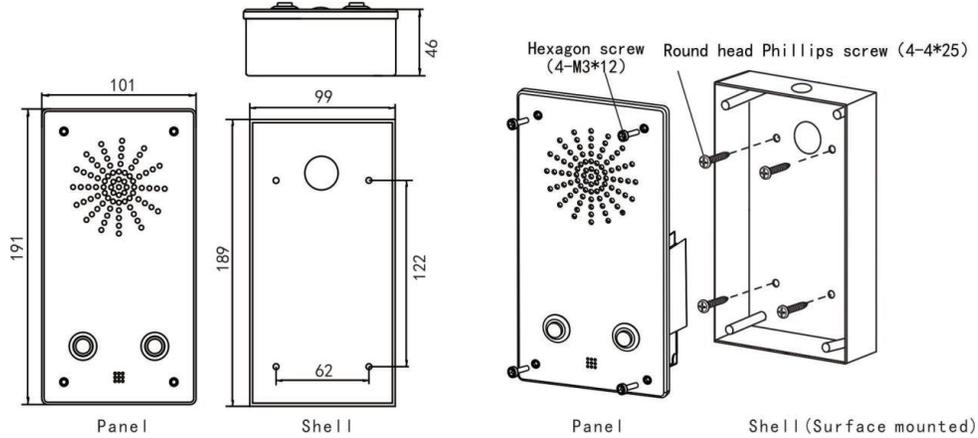
- ①Network port: insert the network cable and connect to the server(support POE power supply)
- ②Power interface: DC24V/DC12V power input
- ③Comprehensive interface and function definition are shown in the figure below:

■ NC	} Alarm output(NC:Normally closed,COM:COM,NO:Normally open)
■ COM	
■ NO	
■ GND	} Alarm input(GND:Ground,IN1:Alarm input 1)
■ IN1	
■ REC	} Line out (Record output) interface(REC:Signal ,GNDA:Analog ground)
■ GNDA	
■ AUX_IN	} Line in interface(AUX_IN:Signal ,GNDA:Analog ground)
■ GNDA	
■ GND	} Three-color door light interface(GND:Ground,T/R:Singal,PWR:Power)
■ T/R	
■ PWR	



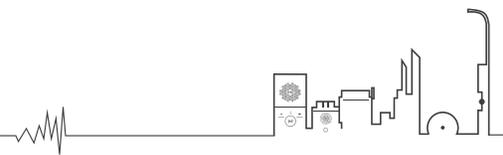
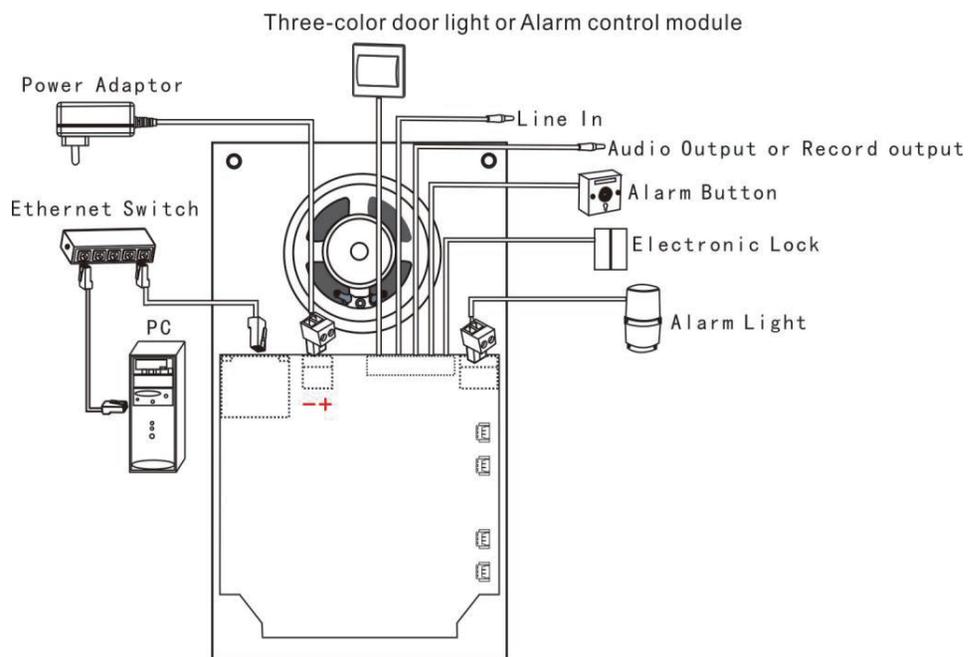
- ④ Controlled power output interface: DC12V power output
- ⑤ Alarm input interface: Reserved

## INSTALLATION



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

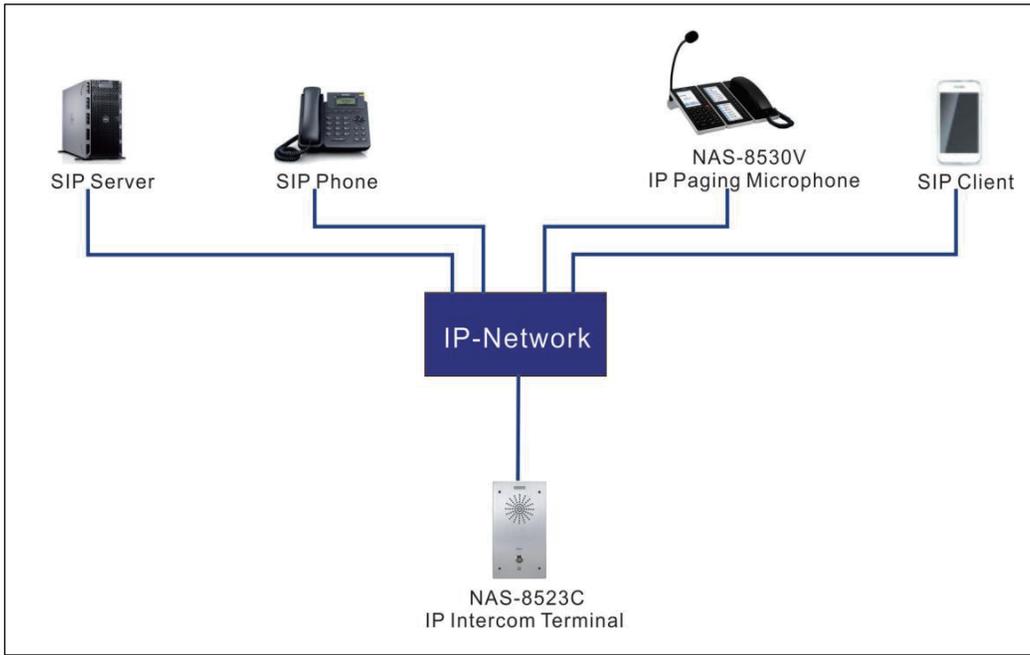
## CONNECTION DIAGRAM



# APPLICATION

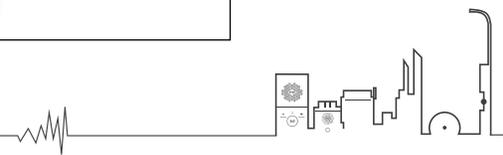
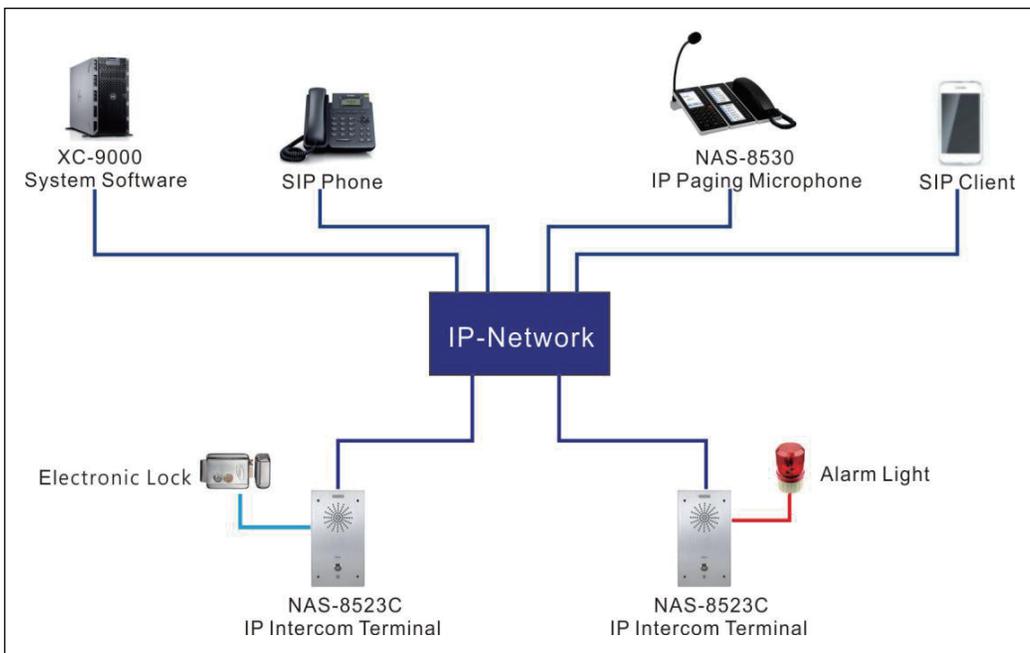
## Application 1

IP intercom terminal NAS-8523C/D support standard sip protocol ,can be registered to sip server to make a two-way intercom with sip phone or sip softphone.



## Application 2

IP intercom terminal NAS-8523C/D with an alarm output interface, which can be connected to an alarm light or door lock. During the intercom with the IP paging microphone, the IP paging microphone can be used to remotely trigger the alarm light alarm or remote unlock.



### Application 3

The IP intercom terminal NAS-8523C/D supports offline intercom function, and can call to the designated offline target in the offline state.

