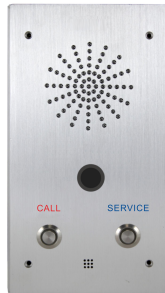


# NAS-8523DV IP Video Intercom Terminal



## Main Function

### ● Basic function

Launch video intercom / alarm: the IP video intercom terminal includes two buttons, which can launch full duplex video intercom / alarm to the preset target;

Receiving intercom: the IP video intercom terminal can receive the intercom initiated by other terminals;

Receiving broadcast: the IP video intercom terminal can receive the broadcast initiated by the server or other terminals;

Receiving monitoring: the IP video intercom terminal can receive monitoring initiated by other terminals;

Support Onvif protocol ;

Support standard SIP protocol ;

### ● Audio function

Line input: the IP video intercom terminal can access other equipment audio signals as the intercom sound source;

Line output: the IP video intercom terminal supports line output of audio signal;

Audio processing: built in digital audio processor to improve noise reduction effect, receiving distance and audio quality;

### ● Additional functions

Wide dynamic: it can automatically compensate backlight or suppress strong light according to the scene to ensure high definition;

Power interface of fill light: provide power interface of fill light, users can connect infrared fill light;

Anti disassembly alarm: when someone forcibly disassembles it illegally, it can automatically send an alarm to the management software;

Noisy alarm: when someone is noisy, brawling, fighting, etc., it can automatically send an alarm to the management software;

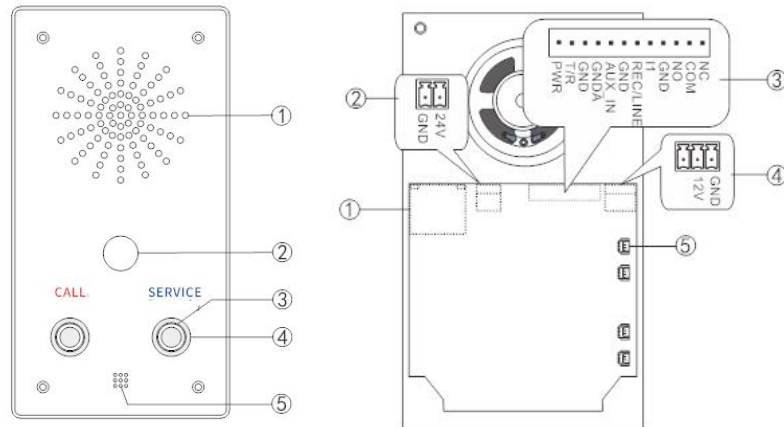
Alarm output: with 1 channel alarm output, it can control the alarm light or door lock;

Alarm input: with one channel of alarm input, it can be externally connected with alarm button or probe.

## Specifications

product	NAS-8523DV	
Audio parameters	Code protocol	G.711a、G.711u、PCM、ADPCM
	Audio input	Built in MIC
	Audio sampling bit rate	8kHz ~ 44.1kHz, 16bit, 8kbps-320kbps
Video parameters	Video transmission bit rate	96Kbps-512Kbps
	Camera	1080P
Network parameters	security	Login password protection
	Support agreement	TCP/IP、UDP、ARP、ICMP、IGMP、SIP、HTTP、FTP、ONVIF
General parameters	Shell color	silvery
	Shell material	aluminum
	Power Supply	24V/1A or 12V/1A or POE( IEEE802.3at, ≤30W)
	Interface	1 RJ45, 1 alarm input, 1 alarm output, 1 line / recording output, 1 line input, 1 cascade interface (connect alarm control module)
	reliability	7 days and 24 hours continuous work
	work environment	-10 °C ~ 55 °C Humidity <90% RH (Not condensing)
	Storage environment	-40 °C ~ 65 °C
	Outline size	101x191x51mm
	weight	0.95KG
	Standard accessories	One terminal (3.5-3p), one terminal (3.5-4p), one terminal (3.5-6p), four hexagon screws (M3 * 12), one hexagon screwdriver (2.5mm), one connecting wire (with 2.54-2p terminal), one quick installation guide, one qualification certificate and warranty card Note: excluding 24V / 1A power adapter
	software kit	nothing
	Support language	Simplified Chinese, English
	Warranty period	2 years

## Interface



### [front]

- ① loudspeaker: amplify the remote sound;
- ② wide angle camera: collect local video;
- ③ Status indicator ring: when the device is talking, the indicator flashes rapidly;When online idle, indicator light always on;When offline,Indicator light flashes slowly.
- ④ Call button: Press the left and right buttons to call the target terminal specified by the server software;
- ⑤ Microphone: collect local audio;

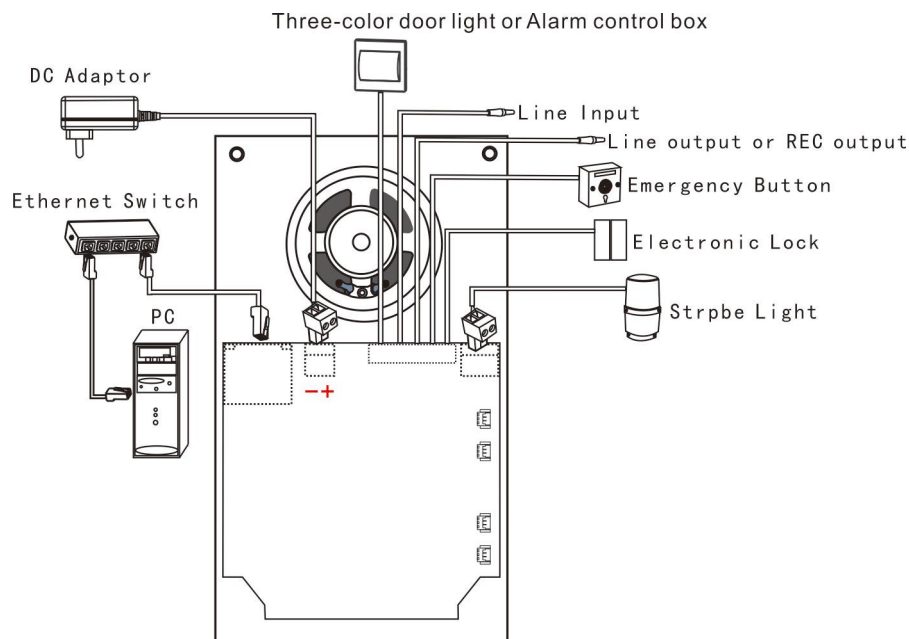
### [back]

- ① Network port: insert the network cable and connect to the server ,support POE power supply
- ② Power interface: provide DC24V/DC12V power input.
- ③ Signal interface:

■ NC	} Alarm output(NC: Normally closed,COM:com,NO:Normally open)
■ COM	
■ NO	
■ GND	} Alarm input 1(GND:Ground,I1:Alarm input1)
■ I1	
■ REC/LINE	} REC/LINE output(REC/LINE:Signal,GND:Ground)
■ GND	
■ AUX_IN	} LINE input(AUX_IN:Signal,GNDA:Ground)
■ GNDA	
■ GND	} Three-color door light(GND:Ground,T/R:Signal,PWR:Power)
■ T/R	
■ PWR	

- ④ Controlled power output interface: DC12V power output is provided
- ⑤ Alarm input 2: Reserved

## Wiring



## Application

### Application 1:

NAS-8523DV supports standard SIP protocol. It can independently access to VoIP telephone system (asterisk and other mainstream IP-PBX) for two-way intercom with standard SIP telephone or sip client, and can receive remote triggering and linkage of external equipment, such as alarm light or door lock, etc. in the process of calling. On the contrary, press the alarm button of nas-8523dv to initiate the call , it can also trigger the flashing of the alarm light to have a deterrent effect.

### Application 2:

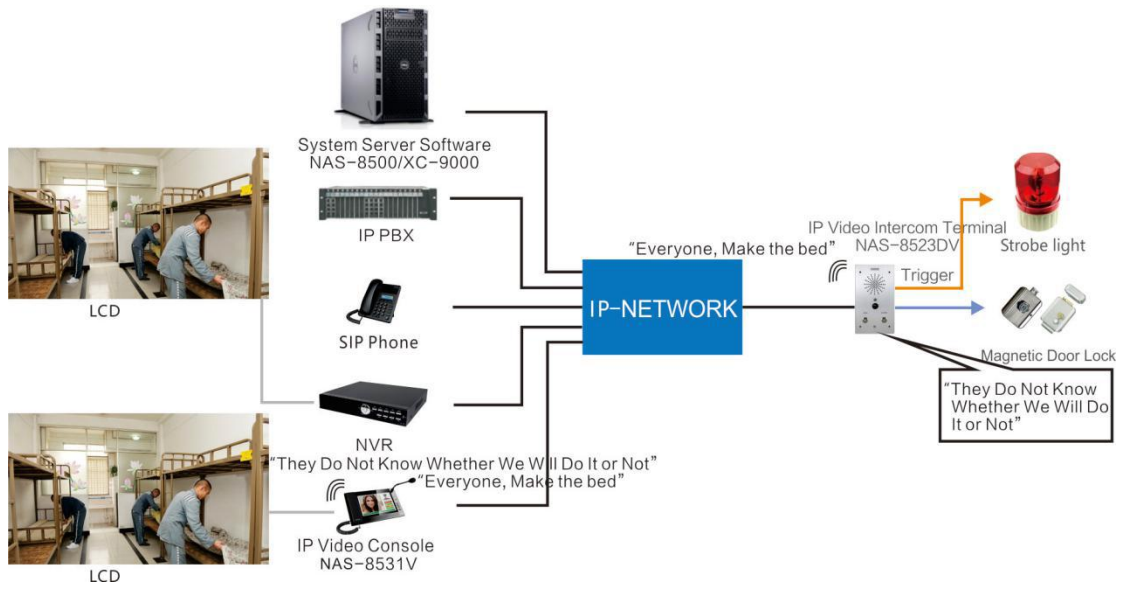
NAS-8523DV supports Onvif protocol, it can be directly connected to the mainstream NVR and other storage devices, so as to realize 24-hour recording and recording of the terminal for back tracking.

### Application 3:

NAS-8523DV can receive the broadcast task initiated by the service software NAS-8500 / XC-9000, IP network visual console (such as NAS-8531V, etc.), SIP Phone (with the cooperation of XC-9000), and output it to the speaker. For example, prison guards can broadcast the notice to the suspected criminal in prison at any time.

### Application 4:

NAS-8523DV supports the monitoring function. The IP network visual console (such as NAS-8531V etc.) can monitor the dialogue and behavior of the suspects in the prison, and timely understand the psychological dynamics and behavior of the suspects in the prison.



## Installation

1. Embed the concealed box kit into the wall, and the outer edge is the same as the wall;
2. And then buckle the panel on the front of the concealed box kit;
3. Finally, fasten the panel with m3x12 hexagon socket screw.

