

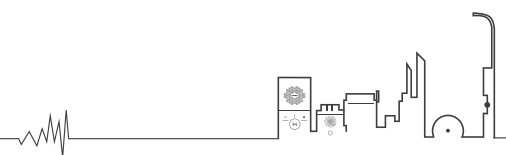
# NAC-5003

## IP ALARM MATRIX



## MAIN FUNCTIONS

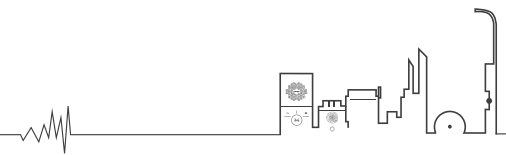
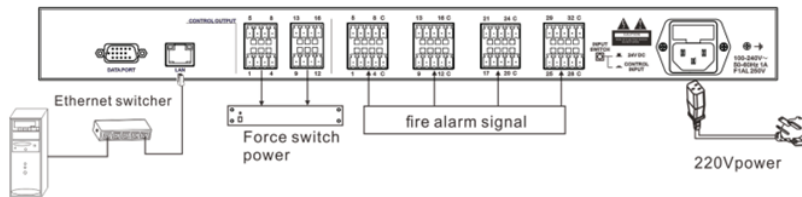
- With a high-speed dual-core(ARM+DSP) chip of industrial grade whose starting-up time is  $\leq 3s$  .
- With 32 alarm in interface and 8 alarm out interface .
- Multiple IP network alarm matrix can be used to extend the range of the interface.
- To automatically send the alarm signal to the server and broadcast the task programmed in advance (support sub-zone/all zone alarm)
- The alarm sound file is pre-stored in the server, eliminating the "Alarm Generator".
- With a standard RJ45 interface supportive of crossing network segment and router , accessible to the system if the Ethernet is available.



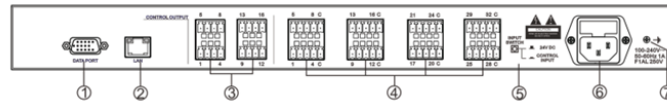
# SPECIFICATIONS

NAC-5003		
<b>Network Parameters</b>	Transmission bit rate	10/100M adaptive
	Support agreement	TCP/IP、UDP、ARP、ICMP、IGMP
<b>General parameters</b>	Color	Black
	Material	Metal
	Power consumption	≤15W
	Power Supply	AC100V~260V 50/60Hz
	Interface	1*RJ45、1*Data port、8*Alarm out、32*Alarm in
	Reliability	7 days and 24 hours continuous work7 days and 24 hours continuous work
	Work environment	-10 °C to 70 °C ≤90%RH(no condensing)
	Storage environment	-30 °C to 70°C
	Authentication	CE
	Dimensions	483x259x44mm
	Weight	2.7KG
	Standard accessories	4*terminal(4P),8*terminal(5P),one quick installation guide, one certificate and one warranty card
	Support language	Simplified Chinese, English
	Warranty period	Warranty period

# WIRING

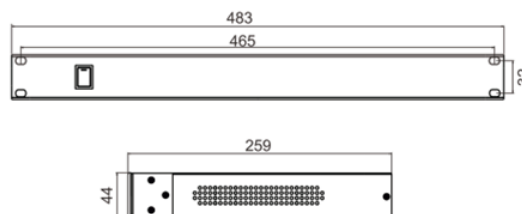


## INTERFACE

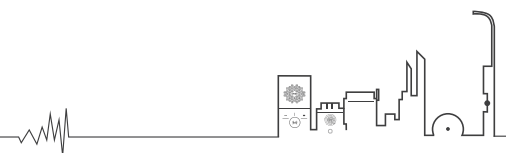


- ①Data Port: Data updated interface, it's used for program upgrading.
- ②LAN: RJ45 network interface that connect with Ethernet switcher.
- ③Short Circuit Out: Alarm output interface to provide 8 channels switch value signal, this interface is normally open contact, the contact capacity is DC24V / 1A.
- ④Alarm input interface:providing 32 alarm signal input,this interface can set as "switch volume input" / "power input" through "INPUT SWITCH" ; Clicking the "INPUT SWITCH" to "CONTROL IN" is switch volume input ; Clicking again the "INPUT SWITCH" to "24VDC" is voltage input and the controlled power range is DC12V~DC24V.
- ⑤Change-over switch: Control alarm input interface,it can directly change from switch value input and voltage input.
- ⑥220AC In: Power input interface, the suitable voltage range is AC185~260V/50HZ.
- ⑦Ground connection terminal.

## INSTALLATION



IP alarm matrix NAC-5003 in rack-mounted installation with 4pcs of white washers head screws (M3\*5). Please refer to the following dimension diagram to put device in suitable cabinet.



# APPLICATION

## Application 1

The IP alarm matrix has an alarm input and output interface. The alarm input interface can receive a switch signal or a 24V voltage signal. The alarm output can be connected to an external alarm light. When an alarm signal is connected, the alarm light can be triggered and the server's preset Fire alarm tasks automatically play emergency broadcasts.

