

# NV7609 MULTI-FUNCTION INTERFACE CARD

## 1. Features

- 1) 8-channel alarm inputs, 4-channel relay outputs.
- 2) With a RS232/RS485 bi-directional converter, static resistance and thunder proof design.
- 3) Watchdog function, auto-reset after power failure.

## 2. PARAMETERS

- 1) Power supply: 12v is supplied by computer, power consumption: 200mW.
- 2) Contact capacity of output relay: DC24V/1A
- 3) Auto-reset interval time: 1-256 seconds (can be set)
- 4) Converter working mode: half-duplex
- 5) Converter communication speed: 300-115200 bits/S
- 6) Converter communication distance: 1200 meters
- 7) Converter connected quantity: 32 or 127

### ✧ LED Indication

There are three LED on board(see figure1.0).

CODE:the LED blinking means communication is in normal status

ALARM:the LED longlight means arming

POWER:the LED light means power on

## 3. 8-channel alarm function

There are 8-channel alarm inputs,please operates as figure 1.1 for correct connection. The arm will sound as soon as short circuit occurred between input signal (S) and GND .

## 4. 4-channel relay outputs function

There are 4 channel relay outputs (k1,k2,k3,k4),the contact capacity is DC24V/1A.The relay ON and OFF can be controlled.

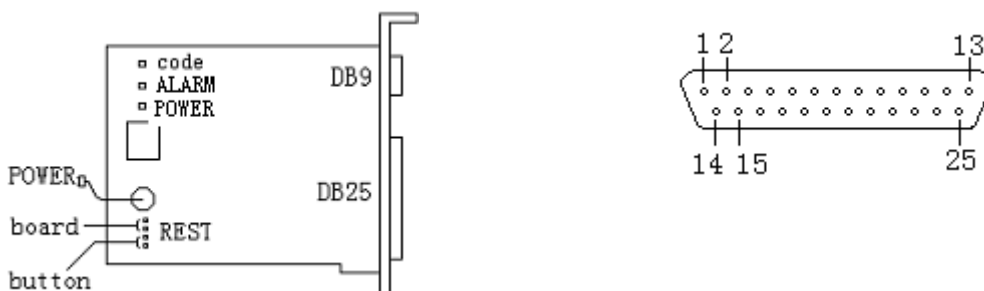
## 5. RS232/RS485 bi-directional converter (number 1of DB25 is RS485A, 14 is RS485B)

This bi-directional converter transform the RS232 signal to RS485 and the RS485 signal to RS232 in half duplex mode.

## 6. Watchdog function

There are two REST on the card , please operates as figure1.0 for correct connection.

There will have heartbeat signal outputted as soon as digital video recorder activated, otherwise the card will send out reset signal to reset the digital video recorder if it can not receive heartbeat signals in stipulated time.



- 1.RS485A                    10/22 K4
- 2.ALARM1                   11/23 K3
- 3.ALARM2                   12/24K1
- 4.ALARM3                   13/25K2
- 5.ALARM4                   14.RS485b
- 6.ALARM5                   15-21GND
- 7. ALARM6
- 8.ALARM7
- 9.ALARM8

Figure1.0

Accessories:

- 1.Port wire                    1PC
- 2.Rest wire                   1PC
- 3.DB25 connector            1set
- 4.Manual                      1PC

