



## LVS-84 Alarm Card



### General

Alarm card is a requisite device for compact monitor system, connected alarm detector and surveillance video, alarm card handle information, which is collected from alarm detecting head; then pass through RS485 or RS232 BUS to DVR, DVR soft start up linkage according to setting of user, such as: driving output switch of alarm card open light or warning, recall preset point of speed dome, linkage E-Map, shoot the picture, video recording, alarm long-distance transmission, and so on. Connected several alarm card can add capacity of input and output.

### Main Features

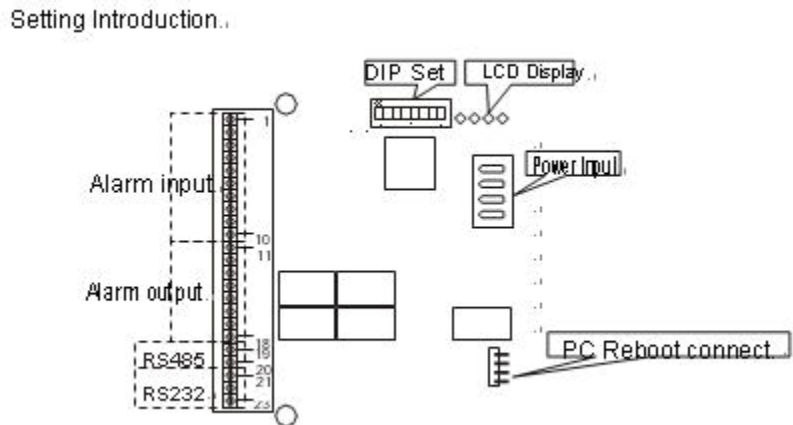
- ✓ 8 channel alarm inputs, 4 channels relay outputs (NO);
- ✓ Recall preset point of speed dome camera;
- ✓ Watchdog function, auto reset function in strong reference environment;
- ✓ Linkage E-Map, shoot the picture, video recording;

### Specification

<b>Power Supply</b>	DC5V&DC12V
<b>Auxiliary relay</b>	8 NO relay, AC220V/2A
<b>Communication</b>	RS485, RS232

<b>Protocol</b>	Unisight
<b>Operating Environment</b>	-10°C~70°C indoor

## Connection Diagram



## Board LED Indication

- ✓ POWER-power LED: (Red) if power supply normal, LED lighted.
- ✓ „T/R“ communication LED: (Green) setting and working normal, LED is flash. LED3 (PALMUS) Test heart pulsatile :( Green) work normally, LED is flash.

## Connection

RS232 communication connect Rs232 of the upper computer (PC or DVR).



Introduction: the second pin of DB9 is RX, connect TX of DVR (the third pin of DB9), the third pin of DB9 is TX, connect RX of DVR (the second pin of DB9), the fifth pin is GND, connect GND of DVR(the fifth pin of Db9)

Port 21 is RX; connect TX of DVR (the third pin of DB9)

Port 22 is TX, connect RX of DVR (the second pin of DB9), Port 23 is GND The fifth pin is GND; connect GND of DVR (the fifth pin of Db9\_)

## LVS-84 setup in DVR software.

**Step1** Set the DI/DO port

**Step2** Set the DI/DO device as LVS-84

Now, if connect the LVS-84 with the computer, the code led will blinks.