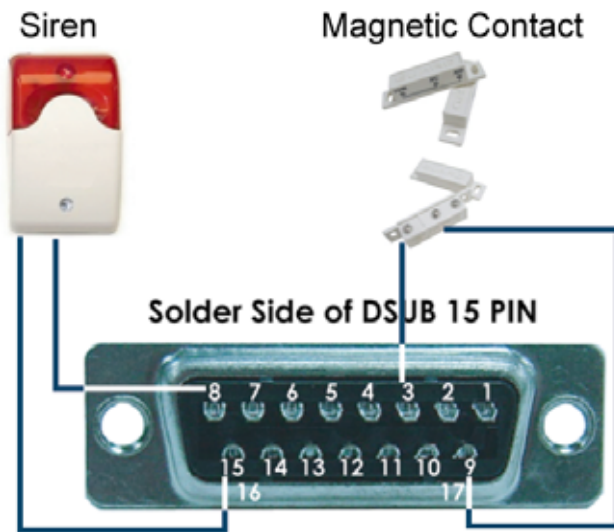


## APPENDIX 2 PIN CONFIGURATION

### PIN Connection Application



**Siren:** When the DVR is triggered by alarm or motion, the COM connects with NO and the siren with strobe starts wailing and flashing.

**Magnetic Contact:** When the magnetic contact is opened, the alarm will be triggered and the recording is on.

PIN	FUNCTION	DESCRIPTION
1	RS232-TX	DVR can be controlled remotely by the keyboard of PC by using RS-232 serial communication signals. Please refer to "APPENDIX 3 RS-232 PROTOCOL" for details.
2	RS232-RX	DVR can be controlled remotely by the keyboard of PC by using RS-232 serial communication signals. Please refer to "APPENDIX 3 RS-232 PROTOCOL" for details.
3 ~ 6	ALARM INPUT	To connect the wire from ALARM INPUT ( PIN 3 -- 6 ) to GND ( PIN 9 ) connector, DVR will start recording and the buzzer will be on. When "MENU -> CAMERA -> ALARM" is set to "Low" : When the alarm input signal is " Low ", the unit starts to record and buzzer. When "MENU -> CAMERA -> ALARM" is set to "High" : When the alarm input signal is " High ", the unit starts to record and buzzer.
7	EXTERNAL ALARM NC	Under the normal operation, COM connects with NC and disconnects from NO. But when any alarm is triggered, COM disconnects with NC and connects with NO. Attention: The voltage restriction is under DC24V 1A.
8	EXTERNAL ALARM NO.	Under the normal operation, COM disconnects with NO. But when any alarm is triggered, COM connects with NO. Attention: The voltage restriction is under DC24V 1A.
9	GND	Signal GND
10	RS485-B	DVR can be controlled remotely by the keyboard of PC by using RS-485 serial communication signals.
11	RS485-A	DVR can be controlled remotely by the keyboard of PC by using RS-485 serial communication signals.
12 ~ 13	PIN OFF	
14	ALARM RESET	Connecting the wire from ALARM RESET (PIN 14) to GND (PIN 9) connector will disable alarms. An external signal to ALARM RESET (PIN 14) can be used to reset both ALARM OUTPUT signal and DVR's internal buzzer. When any alarm has been triggered, the signal becomes "Low", and all alarm activities will be stopped. Under the normal operation, the signal remains "High".
15	EXTERNAL ALARM COM	Under the normal operation, COM disconnects with NO. But when any alarm is triggered, COM connects with NO. Attention: The voltage restriction is under DC24V 1A.
16 ~ 17	GND	Earth GND