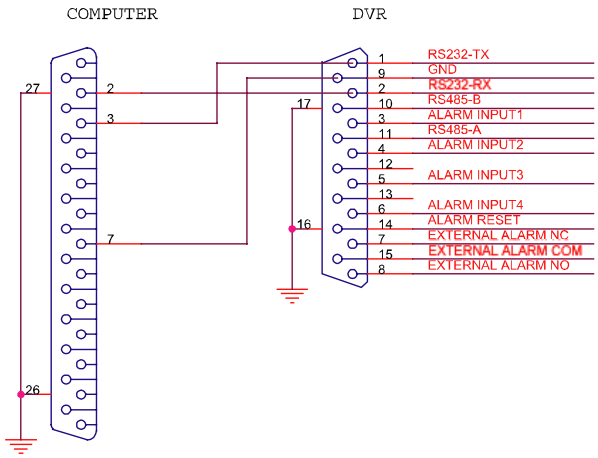
APPENDIX #2 – PIN CONFIGURATION



PIN 1. **RS232-TX**

DVR can be controlled remotely by an external device or control system, such as a control keyboard, using RS-232 serial communications signals.

PIN 2. **RS232-RX**

DVR can be controlled remotely by an external device or control system, such as a control keyboard, using RS-232 serial communications signals.

PIN 3. ~ PIN 5. **ALARM INPUT**

To connect wire from ALARM INPUT (PIN 3 -- 5) to GND (PIN 9) connector, DVR will start recording and buzzer will be on.

When Menu/ Camera/ Alarm is set up to “Low” : When alarm input signal is “ Low ”, the unit starts to record and buzzer.

When Menu/ Camera/ Alarm is set up to “High” : When alarm input signal is “ High ”, the unit starts to record and buzzer.

PIN 7. **EXTERNAL ALARM NC**

Under normal operation COM connect with NC and disconnect from NO. But when alarm is triggered, COM disconnect with NC, and connect with NO.

PIN 8. **EXTERNAL ALARM NO.**

Under normal operation COM disconnect with NO. But when Alarm triggered, COM connect with NO.

PIN 9. **GND**

Signal GND.

PIN 10. **RS485-B**

DVR can be controlled remotely by an external device or control system, such as a control keyboard, using RS485 serial communications signals.

PIN 11. **RS485-A**

DVR can be controlled remotely by an external device or control system, such as a control keyboard, using RS485 serial communications signals.

PIN 12, 13. **PIN OFF**

PIN 14. **ALARM RESET**

To connect wire from ALARM RESET (PIN 14) to GND (PIN 9) connector, it can disable ALARM. An external signal to

ALARM RESET (PIN 14) can be used to reset both ALARM OUTPUT signal and DVR’s internal buzzer. When alarm has been triggered, signal becomes “Low”, and it will stop all alarm activities. Under normal operation, signal remains “High”.

PIN 15. **EXTERNAL ALARM COM**

Under normal operation COM disconnect with NO. But when alarm triggered, COM connect with NO.

PIN 16, 17. **GND**

Earth GND