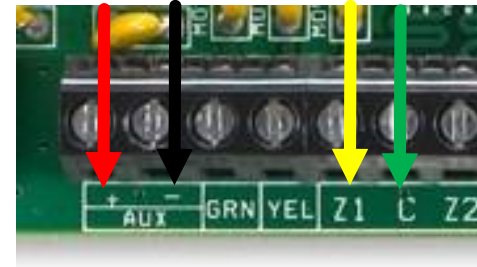


Wiring passive infrared detectors

Standard EOL Wiring

- Use a 6 core comms cable to wire PIR's
- It is important to note that a 1K resistor is to be used for EOL when connecting PIR's. The resistor's are supplied with your alarm panel. 1K resistors are GREEN in color.
- For PIR wiring we use 4 wires:
 - **RED** – 12V Positive
 - **BLACK** – 12V Negative
 - **GREEN** – Common
 - **YELLOW** – Zone Input
- Start by connecting the **RED** wire to the **RED** connector on the PIR.
- Secondly connect the **BLACK** wire to the **BLK** connector on the PIR.
- Next connect the **GREEN** wire to the **NC** connector on the PIR.
- Lastly connect the **YELLOW** wire to the one leg of a 1K resistor, and the other leg of the resistor to the **COM** connector on the PIR.



Now that the PIR connections are done we have to wire the other end of the 6 core cable to the alarm panel.

- Connect the **RED** wire to the **AUX +** on the alarm panel.
- Secondly connect the **BLACK** wire to the **AUX –** on the alarm panel.
- Next connect the **GREEN** wire to **COM** on the alarm panel.
- Lastly connect the **YELLOW** wire to the required **zone input**, indicated by Z, on the alarm panel.