

Wiring passive infrared detectors

EOL with Tamper Wiring

PIR's can also be wired to include, tamper detection. Tamper detection enables the alarm system to sound an alarm when the PIR is opened or removed even when the alarm system is not activated.

This is achieved by connecting the PIR in a different manner.

- Use a 6 Core comms cable for these connections.
- 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 a 1K resistor over **COM** and **NC** on the PIR.
- Connect another 1K resistor between **COM** and **TAMPER NC** on the PIR.
- Now connect the **GREEN** wire to the **NC** on the PIR.
- Lastly connect the **YELLOW** wire to the **TAMPER COM** connector on the PIR.

On the Alarm Panel make the following connections:

- 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.

