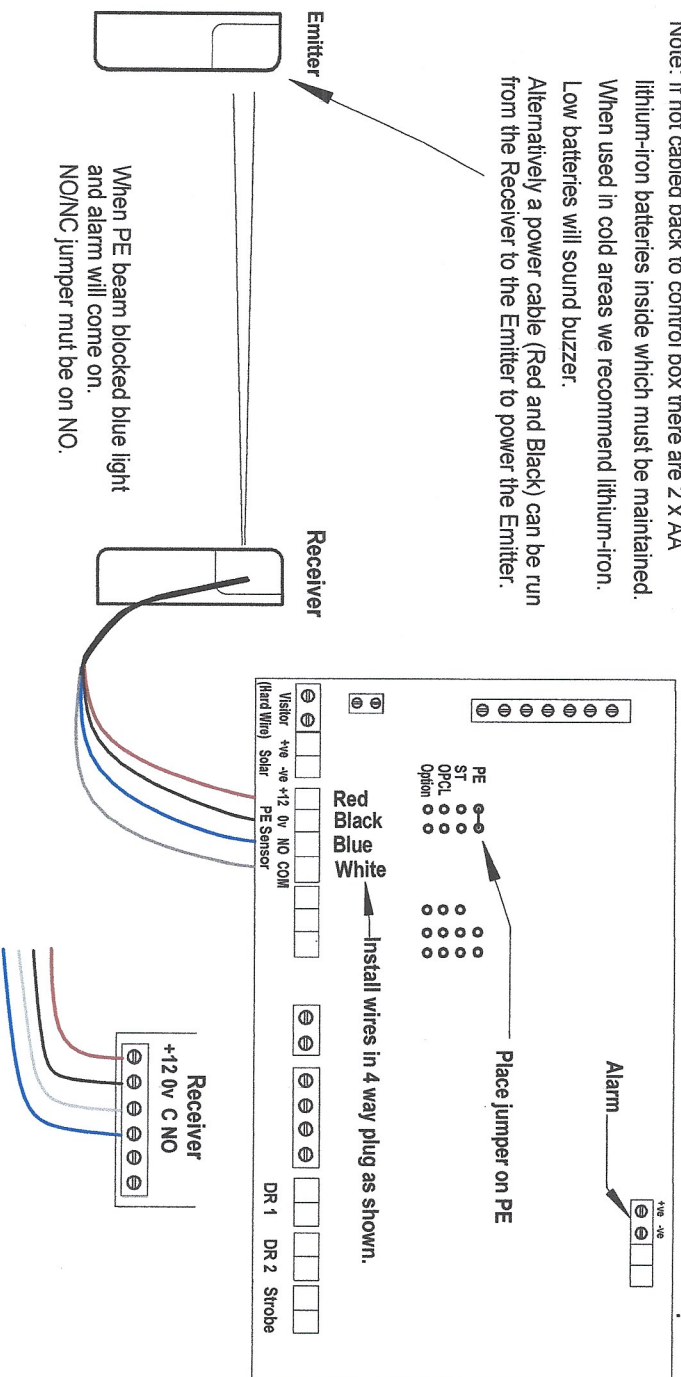


# PE Sensor - CodeEzy with Receiver/Emitter

Note: If not cabled back to control box there are 2 x AA lithium-iron batteries inside which must be maintained. When used in cold areas we recommend lithium-iron. Low batteries will sound buzzer. Alternatively a power cable (Red and Black) can be run from the Receiver to the Emitter to power the Emitter.



The PE sensor has an operating range of 1-12mts and should be mounted at a height that is suitable for the type of vehicle it is detecting. eg: a car can be detected at 500 to 700mm but a truck would need to be detected at tray height etc.

To apply power for set up purposes:

- Plug PE into control board. **DO NOT MOUNT EMITTER yet.**
- Turn on switch SW6 and press reset.
- Turn AUTO/OPEN switch to OPEN.
- Open gate
- Receiver will turn on (Blue light and Alarm sounds) and stay on.
- Place Emitter in front of Receiver until BLUE light and Alarm (in Receiver) goes off.
- Adjust Receiver until it is aligned central to Emitter in final position. Move Emitter up, down, left, right to achieve this.
- When finished, close gate
- If no alarm is fitted, or you don't want the gate to stay open until the PE beam is broken, switch SW6 to off position and press reset.

If a vehicle is travelling through the gate, the close delay time does not begin until PE sensor is clear giving added time for the vehicle to clear the gate. If the gate is closing when a vehicle breaks the PE sensor beam, the gate will stop, then slowly open and remain there until the beam is clear and the timer has timed out again.

Note: 1. If an alarm is fitted, turn SW6 (Alarm) on and press Reset. This will leave the PE sensor on when

the gate is left open with AUTO/OPEN switch in OPEN, or STAYOPEN pressed, to sound the alarm if a vehicle passes through the gateway.

- If SW6 is on, the gate will not close until PE beam is broken. To close gate automatically after opening, turn SW6 OFF and press reset.**