



**SJJ Ultimate Solutions Ltd. t/a  
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## PRODUCT DATASHEET

# SAFETY SENSORS

### What are Safety Photo Sensors?

Safety photoelectric sensors are the safety element of the automatic gate operation and ensure that it is prevented from closing on a person or vehicle when the beams are broken. Two small units are mounted each side of the gate and consist of a transmitter and a receiver. All the time the transmitter can "see" the receiver the gate will be allowed operate normally. However, when a person or object is blocks the infra-red beam while the gate is in the closing cycle it will stop and reverse back to the open position.



**Example of Safety Photo Sensors**

### An Ultimate Solution

Automatic gate kits are supplied with one set of safety photo sensors as standard but we use two sets in all our installations for ultimate safety. One set is mounted on the piers on the external side of the gate and the second set is mounted on mini pillars inside the gate. This creates an invisible safety barrier in the arc line of the gate leaf and prevents damage to vehicles or injury to persons once the beam is broken.

