

AX-250PLUS/500PLUS

LONG RANGE PHOTOELECTRIC DETECTOR

AX-250/500PLUS Series are cost-effective Synchronized twin beams for internal or external applications.

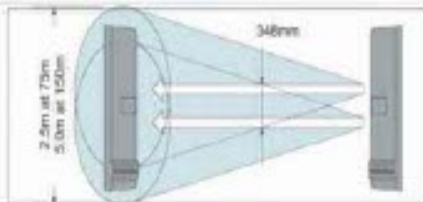
Suitable for external ranges up to 150m outdoors, the beams have twin infrared transmitters and receivers to reduce the potential for alarms from small animals, blowing debris and falling leaves. Beams operate by only triggering an alarm when both beams are broken simultaneously. Initial alignment can be carried out using the built in optical aiming device to roughly set the sensors and then fine-tuning can be carried out using a standard volt meter.

Maximum arrival distance of the beam is 10 times more than rated.



AX-250PLUS Detection range 75m

AX-500PLUS Detection range 150m



- Lightning and surge protection
- Anti-frost design
- Twin beams require simultaneous interruption to create activation.
- Easy installation and alignment
- Sealed optics to prevent ingress of insects and dust
- 99% beam blocking stability
- A.G.C. circuit
- Adjustable beam interruption time



AX-100TFR/200TFR
(Battery operated)

BATTERY OPERATED PHOTOELECTRIC DETECTOR

AX-100TFR: Detection range 30m

AX-200TFR: Detection range 60m

Long battery life

AX-100TFR: approx. 5 years

AX-200TFR: approx. 3 years (transmitter)

AX-200TFR: approx. 5 years (receiver)

Easy battery replacement

Triple tamper function

Low battery output and LED indication

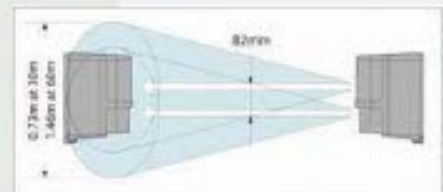
Intermittent output function

Compatible with numerous wireless transmitters

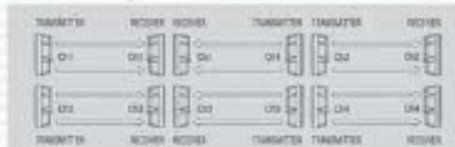
Battery saving timer function for wireless transmitters

AX-100TFR Detection range 30m

AX-200TFR Detection range 60m



Long distance stacking



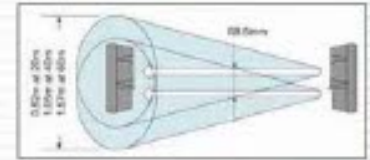
Two beam long distance

AX-70TN/130TN/200TN
SHORT RANGE PHOTOELECTRIC DETECTOR

The AX-70/130/200TN Series of short range photoelectric detectors are compact in design with IP65 high durable structure.

Rubber packing is used for all conceivable points where water, dust or bugs may penetrate, such as wiring holes, wire ports and the outer chassis. Preventing these factors helps deliver performance with higher reliability in severe outdoor environmental condition.

In addition, the length between the upper and lower optics, and the width of the optics are ideally engineered to produce the most intelligent detection pattern which reduces false alarms by detecting human intruders only.



- **AX-70TN** Detection range 20m
- **AX-130TN** Detection range 40m
- **AX-200TN** Detection range 60m

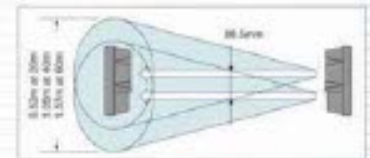
- IP65 structure
- Lightning and surge protection
- Anti-frost hood cover
- 99% beam blocking stability
- A.G.C. circuit
- Adjustable interruption time

AX-350TF/650TF
SELECTABLE BEAM FREQUENCY LONG RANGE PHOTOELECTRIC DETECTOR

The AX-350/650TF Series of long range photoelectric detectors with selectable beam frequencies.

The selectable beam frequencies can be used to avoid unwanted crosstalk that can occur when using multiple photo beams over long distances or beam stacking applications.

Also the AX-350TF/650TF Series employs multiple beam technology and utilizes an AND circuit that requires all beams to be interrupted simultaneously before an alarm is generated. This reduces false alarms due to accidental beam interruption by falling leaves and small animals.



- **AX-350TF** Detection range 100m
- **AX-650TF** Detection range 200m

- Selectable 4 channel beam frequencies
- 16 step LED indicator
- Environmental disqualification circuit
- IP54 structure
- Lightning and surge protection
- Anti-frost design
- 99% beam blocking stability
- A.G.C. circuit
- Adjustable interruption time



AX-100/200TF

The AX-100/200TF Series of short range photoelectric detectors are compact in design with selectable beam frequencies.

The selectable beam frequencies can be used to avoid unwanted crosstalk that can occur when using multiple photobeams over long distances or for beam stacking applications.

Also the AX-100TF/200TF Series carries the IP65 high durable structure, which prevents water, dust or bugs from getting into the unit. The ideal optical pitch design reduces false alarms due to accidental beam interruption by falling leaves, birds, and so on. These features deliver performance with higher reliability in severe outdoor environmental condition.

- **AX-100TF** Detection range 30m
- **AX-200TF** Detection range 60m