

AX-250/500 PLUS

INFRARED PHOTOELECTRIC BEAM

AX 250/500 PLUS Series Photobeams are cost-effective long-range dual beams for internal or external applications. The detectors are attractive in appearance and are simple to install and maintain.

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 digital meter.

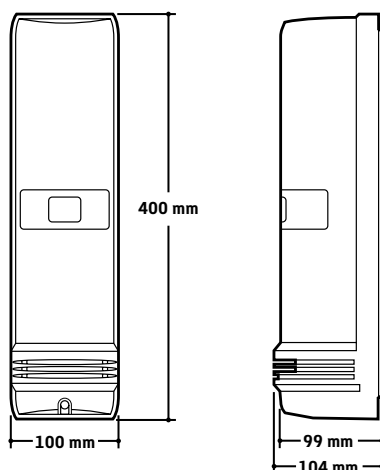
Flexible input voltages of between 10.5 and 30V DC result in a sensor that is easy to integrate into new or existing systems.

FEATURES

- **Lightning and surge protection**
- **99% beam blocking stability**
- **Adjustable beam interruption time - long interruption time catches an intruder but allows a small animal to pass through.**
- **Twin beams require simultaneous interruption to create activation.**
- **Easy installation and alignment using viewfinder for rough alignment and voltage meter jacks for fine-tuning.**
- **Sealed optics to prevent ingress of insects and dust**
- **Automatic gain control**
- **Anti-frost design**



DIMENSIONS



SPECIFICATIONS



10.5 -
30.0V DC



50mA
at 10.5 - 30.0V DC



-25°C



+55°C



2.7Kg



Alarm Output
N.C./N.O.
28V, 0.2A (max.)



Tamper
N.C.



Pole
Mount



Wall
Mount

RANGES

	Indoors	Outdoors
AX-250 PLUS	150m	75m
AX-500 PLUS	300m	150m

ACCESSORIES

- **HU-1 Heating Unit**
- **BC-1 Back Cover**