

Triplicate Series



Design Durability

Highly Durable and Heat-Resistant Housing Cover and Chassis. The housing cover and chassis provide higher durability against shocks, high temperatures, and many other harsh environmental conditions.

Frost and Dew Protection

An anti-frost and convex visor design is incorporated to protect the detector from effect of frost and dew.

High Grade Aspherical Lens

The high grade Aspherical lens creates more sharply defined and precise infrared beams compared to ordinary fresnel lenses

Triplicate Synchronized Pulsed Beams Designed for Greater Stability

It requires simultaneous interruption of all beams to trigger an activation. No activation is generated when a bird or falling leaves break just one or two beam

99.5% Beam Blocking stability

Stable operation is maintained with as much as 99.5% of the beam's energy blocked by heavy rain, dust storms, snow or fog.

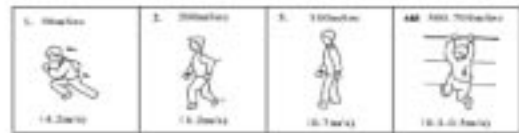
SPECIFICATIONS

Detection method		Infrared photoelectric
Range	Outdoor	50m
	Indoor	150m
Beam characteristics		Pulsed infrared triplicate beams
Interruption period		50~700msec(selectable)
Power input		DC12~24V/AC11~18V
Current consumption		70mAmax
Alarm period		2sec(±1)nominal
Alarm output		Form C relay (AC/DC30V 0.5Amax)
Tamper switch		N.C.Opens when cover is removed (receiver only)
Operating temperature		-25℃~+55℃
Environment humidity		95% max
Alignment angle		±10° vertical, ±90° horizontal
Mounting		Wall or pole
Weight		2168g(Both transmitter and receiver)
Appearance		PC Resin(Black)

Specifications and design are subject to change without prior notice.

Adjustable Beam Interruption Period

The Beam Interruption Time (the amount of time a beam must be broken for an alarm to occur) can be adjusted to fit any application. For example, when protecting a wall or fence, a longer interruption time will catch intruders, but let jumping cats pass through without setting off an Alarm.



Quick optical and voltage alignment with 10 LEDs to speed up positioning

A removable viewfinder allows for easy alignment even in some of the most difficult mounting situations. In the receiver there are 10 LEDs and two jacks for quick and accurate alignment. The rotating dial and voltage measuring allows the installer to finely adjust the beam easily horizontally ($180^\circ \pm 90^\circ$) or vertically ($20^\circ \pm 10^\circ$) until suggested lit LEDs or value are obtained

A.G.C. (Automatic Gain Control) Circuit

The A.G.C. Circuit continually monitors for gradual changes in the signal's strength caused by changing weather conditions. It adjusts the sensitivity accordingly to maintain the proper signal level for the current Environmental conditions.

DIMENSIONS

