

Dual 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.

■ Twin Synchronized Pulsed Beams Designed for Greater Stability

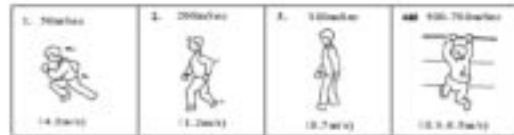
"And Gate" dual beams require simultaneous interruption of both beams to trigger an activation. No activation is generated when a bird or falling leaves break just one beam

■ 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.

■ 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.



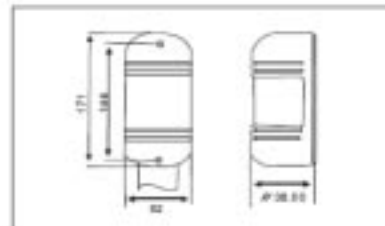
■ Quick optical and voltage alignment to speed up positioning

A conveniently placed viewfinder allows for easy alignment even in some of the most difficult mounting situations. In the receiver there are two jacks indicating for voltage measuring. Fine tune the beam and use a voltmeter to measure the voltage until the suggested value appears. The rotating dial and voltage measuring allows the installer to finely adjust the beam easily horizontally ($180^\circ / \pm 90^\circ$) or vertically ($10^\circ / \pm 5^\circ$).

■ 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



SPECIFICATIONS

Detection method	Infrared photoelectric	
Range	Outdoor	60m
	Indoor	180m
Beam characteristics	Pulsed infrared dual beams	
Interruption period	50~700msec(selectable)	
Power input	DC12~24V/AC11~18V	
Current consumption	55mA max	
Alarm period	2Sec(±1) nominal	
Alarm output	Form C relay (AC/DC30V 0.5A max)	
Tamper switch	N.C.Opens when cover is removed (receiver only)	
Operating temperature	-25℃~+55℃	
Environment humidity	95% max	
Alignment angle	±5° vertical, ±90° horizontal	
Mounting	Wall or pole	
Weight	650g(Both transmitter and receiver)	
Appearance	PC Resin(Black)	

Specifications and design are subject to change without prior notice.

