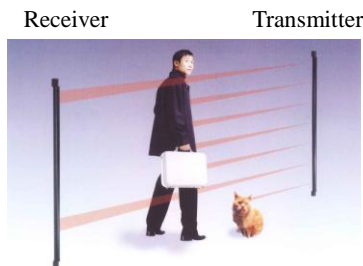


# Wireless Infrared security and protection baluster

## User manual (perimeter Beams Sensors)



Please read the booklet carefully before using it

### 1. Summarizing

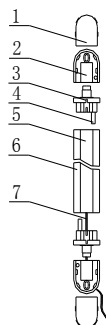
Outdoor or indoor type, it is easy to handle, beautiful appearance. It can be applied to some important places such as department, school, villa factory etc. Widely used for fence, door, window, balcony and give an alarm. Protect the safety of you and your belongings.

### 2. Performance

- 2.1 Aptitude judgment: when the theft comes into the protective district, it stop the two or more infrared, which over 40ms will give out the alarm, Can effectively prevent the traditionally wrong alarm deficiencies.
- 2.2 Recognize object: can distinguish the size of the traversing object, when the lawless intruder came it will give the alarm, it doesn't happen when the intruder is a cat or a dog. You do not bother to open the window.
- 2.3 Good reliabilities: anti-cutting function disturbs technology. Prevent the intruder adopt deceive or destroy ways.
- 2.4 Anti-rain-wet: Anti-rain function can be used out door of wet places.
- 2.5 Beautiful and reliability of the structure the crust is mainly high quality alnico material the surface is with sprout and mould disposal, firmed durable: import filtrate flake filtrate visible light.
- 2.6 Install and debug easily: When the installation seat in faxed it can be revolved 360°
- 2.7 The protect grade can be changed: chose the protect grade, strict protect grade. Ordinarily grade.

### 3. Parts name

1. protective lid
2. installation seat



3. the line seat
4. protect disconnect flake
5. infrared flake
6. mercurial
7. expand line

### 4. Installation method

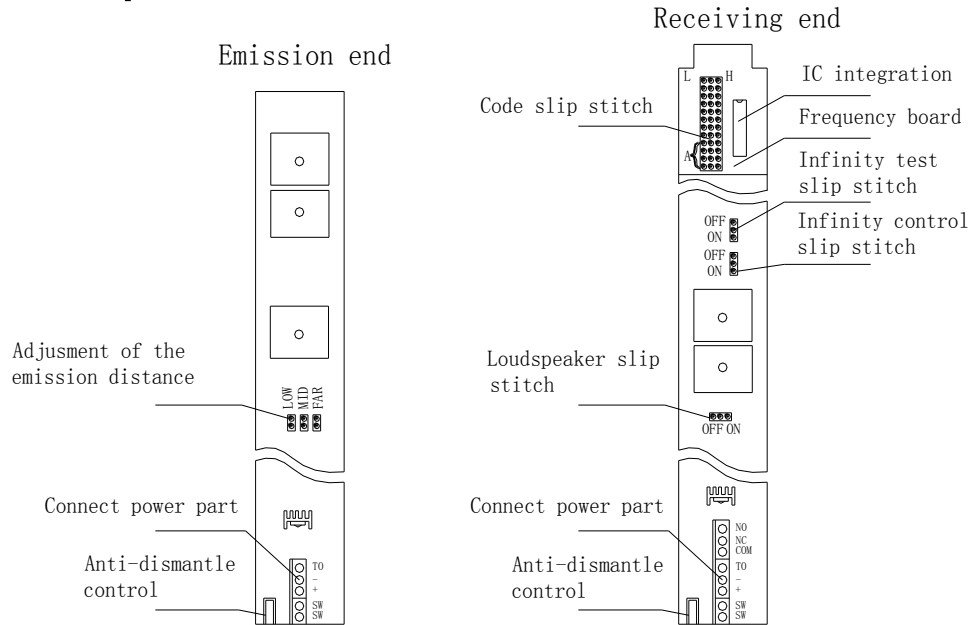
- 4.1 The product is installed in the places where need protect. (Such as door, window, balcony, and aisle)
- 4.2 Fix the location. Make sure the protective beam of light can shutoff the objective aisle. Mark the four holes of the installation seats. Make sure the sending and incept parallel and level.
- 4.3 Use screwdriver or something acute to wear through underside of installation seat line of the protective barrier, let the power line through the seat, then through the hole the down-line scat finally install the power line according to it is '+ -'and screw it down .
- 4.4 Drill a hole in the installation faces with the 6Ø driller nail the plastic pole, and then fix it with M4screw .
- 4.5 Make sure the emission part is correspondent with the receiving part: when it was galvanize, the emission part indicate green light, at the working time, the red light was intermission, when it was level, the red light of receive was distinguished the louder speaker do not give sound; when any of the two neighbor light was shutoff by the light tight object, the louder speakers give out intermission sound, and give out the alarm. Attention; when adjust the point of view; you had better under the fierce sunlight or when there has fog.
- 4.6 Screw down the emission part and the receiving part of the installation seats .And then cover the installation protective lid.
- 4.7 Under the following circumstances. It also gives out the alarm.
  - 4.71 There was any object that shutoff any neighbor two infrared lights.
  - 4.72 Cut off the emission part or the receiving part.

### Special attention:

- To avoid the cut of power, which may cause the wrong alarm, we suggest the user the special UPS power, ensure to charge the batteries, when the power was cut off, it automatically change to use the butleries, it is forbidden to use the inferior power.
- Please choose the appropriate infrared according to it is type to make sure the exertion of it is performance.

- Avoid the irradiation of sharp light or lamplight.
- Keep the clear of the outer cover, Make sure the function of the detector.

### 5. The speculation of the inner connector



#### 5.1. The description of the receiving part

- 5.1.1. SW: the two part of the anti-dismantle,
- 5.1.2. +DC12V (9v for smaller)      5.1.3. -DC12V(9v for smaller)
- 5.1.4. To: refer to the emission end TO
- 5.1.5. COM power output community end
- 5.1.6. NC power output closed end (normal working)

#### 5.2 slip stitch description

- 5.2.1. oulder speaker slipstitch BEAP connect on the slipstitch give out the sound, connect the OFF it will not give out sound.
- 5.2.2. wireless control the slipstitch, ‘REMOT’ connect ON is routine use, connect TEST is under the condition of test; control the wireless open or close.
- 5.2.3. code slipstitch; frequently used code district A is date code. Others are address code (L means low H means high)

#### 5.3 the description of the emission parts

- 5.3.1. SW: the two parts of the anti-dismantle switch, the extensive seats indicate ‘close’ when it was installed right. When the extensive seat was put out, indicate, ‘Open’ .to connect with hard wire main unit in 24hours zone.

- 5.3.2. C mission distant part; connect; ‘LOW’ means close distance, connect ‘MID’ means mid-distant ‘FAR’ means far distance.

- 5.3.3. + DC12V (9v for smaller)      5.3.4. - DC12V (9v for smaller)

- 5.3.5. T0; Connect Two parts with a lead. Connect the cathode of the emission part and the receiving part goes into extensive protective mode. If you don’ t connect it, it will in a state of commonly protective mode. If the connect lead was broken by somebody else, it can give out an alarm immediately.

#### Special attention:

- When use infrared barrier bundle; light 6,8,10 installing within 10 meters. It should choose extensive protective mode. So you should consider the location of the T0 line and the power terra line during construction and installation.
- T0 avoid wrong alarm or no-alarm, and the outside condition is not so good, the emission end should connect ‘FAR’ to avoid wrong alarm, only the reflect signal is too intense to alarm, the emission end connect the; ‘LOW’ , to avoid reflection which cause no-alarm or wrong alarm.

### 6. Technique parameter

Light bundle quantity		2 beams	3 beams	4 beams	6 beams	8 beams	10 beams
dia:3.5cm	Length/pc	36cm	53 cm	71 cm	124 cm	166 cm	208 cm
Net weight/pair(kg)		0.48	0.58	0.68	1.08	1.58	1.98
Max Static State	transmitter	≤90	≤160	≤60	≤175	≤175	≤185
	Receiver part	≤70	≤70	≤70	≤70	≤70	≤70
Protecting distance		Selection: 10meter or 20 meter or 30 meter or 40 meter or 50meter					
Power		DC9~18V					
Alarm output		Finites infinity compatibility					
Touch off time		40ms					
Alarm speed		Alarm time≥1.5sec					
Light axis fix time		Level;180° (±90°)					
Environment conditions		Temperature-35℃~+55℃ ; humidity≤95%					