

# MULTI-BEAM WINDOW BARRIER

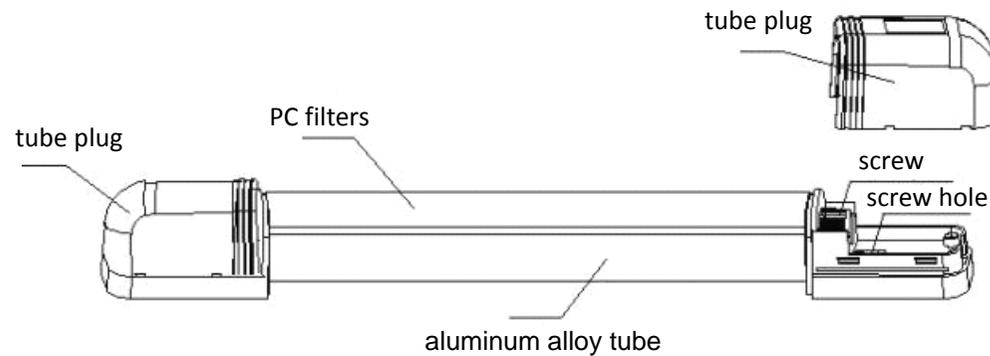
## ➤ Description

The infrared multi-beam barrier uses updated intelligent high technology which can be used both outdoor and indoor. It features with easy installation and adjustment, pretty appearance, widely used in important places which need to be protected at fence, such as, institution, school, villa and factory, etc. It could be installed at fence, door & window, balcony for perimeter protection purpose, it is available to avoid property loss and make property safety.

## ➤ Features

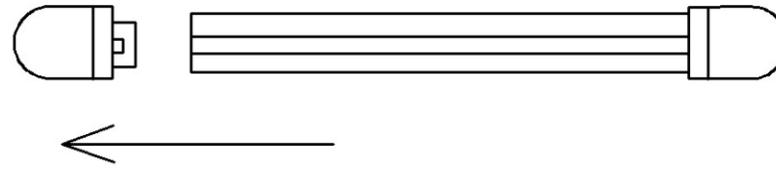
1. Utilizing the digital variable frequency and CPU microprocessor digital control technology.
2. Distinguishing the size of intruder, make instant alarm when there is intruder.
3. It is available for using sync cord or no sync cord, wired or wireless alarm output.
4. Two frequencies are optional, completely solve the adjacent interference. 360° rotation after the installing seat is fixed.
5. Using an external wired, make the installation easy.
6. Adjustable sensitivity according to the environment change or light intensity.

## ➤ Parts Instruction

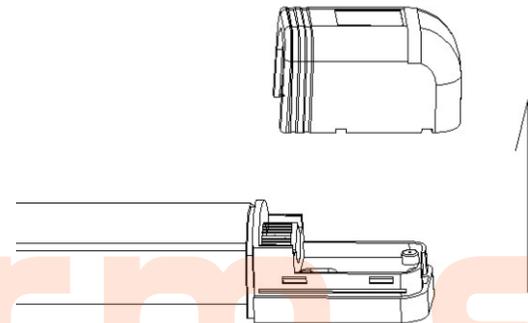


## ➤ Installation

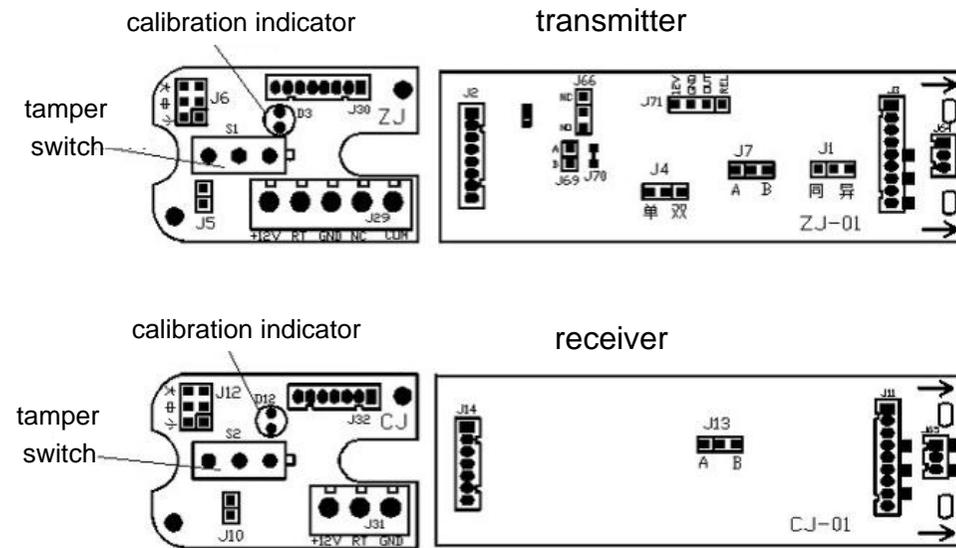
1. Pull out the tube plug



2. Take down the upper plug



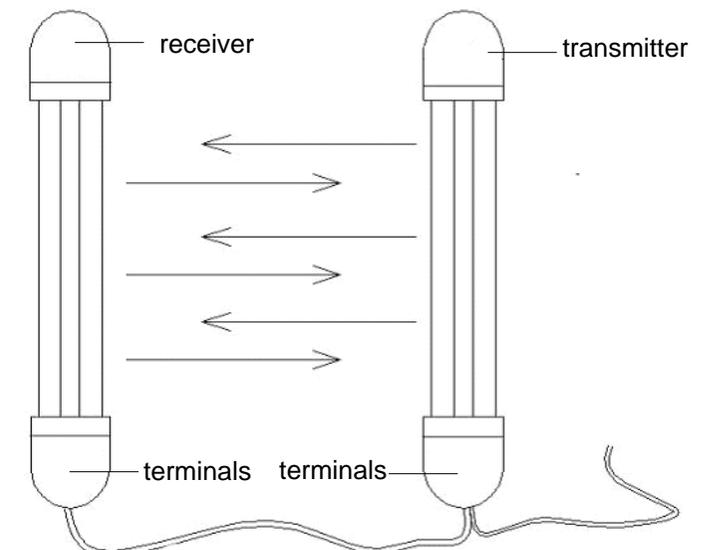
3. Short jumper settings



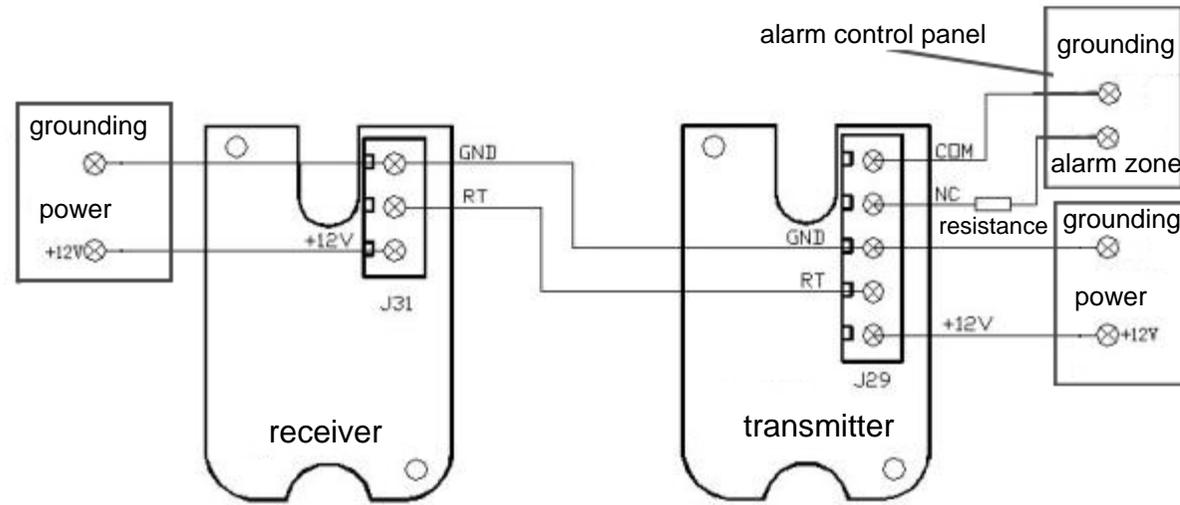
Transmitter	J5	short circuit, tamper switch doesn't work, using in testing disconnect, tamper switch work normally
	J6	'大' high operating power
		'中' middle operating power
		'小' low operating power
	J66	'NC' normal close 'NO' normal open
		'是' cut a single beam, the buzzer beep, using in testing '否' cut double beam, the buzzer beep, normal work state
	J1	'同' use sync cord (high anti-interference capability) '异' no sync cord (simplifying wiring)
J7		'A' A frequency (same as receiver) 'B' B frequency (same as receiver)

Receiver	J10	short circuit, tamper switch doesn't work, using in testing disconnect, tamper switch work normally
	J12	'大' high operating power
		'中' middle operating power
		'小' low operating power
J13	'A' A frequency (same as transmitter) 'B' B frequency (same as transmitter)	

4. Fix the base



## 5. Wiring



## ➤ Attention

Note:

1. No installation under following situations:

- Obstacle between pairs of barrier.
- Unstable base
- Direct sunshine, or strong light.

2. Don't open or remove for non-professionals.

3. Keep out of corrosive objects.

## ➤ Technical Parameter

Detection distance	With sync cord 10-100m No sync cord 10-80m
beams	2-12 beams
Current	50-100mA
Power supply	10-18V
Working temperature	-30 +70
Alarm output	NC. Contact capacity 30V 2A
Reaction speed	40ms
Answer speed	1s

## ➤ Troubleshooting

Status	Reason	Treatment
TransmitterLED is off	Power voltage is not normal(shortcircuit or power off)	Check power and see if the power wiring is correct
ReceiverLED is off	See above	See above
Beams of receiver are blocked, but alarm LED is not on	There are objects reflecting infrared beam to the receiver. Or the reflection ability of the objects is too strong	Move away the objects, change installation position, or alter axis direction, or reduce the power of transmitter
Beams of receiver are blocked, alarm LED is on but outputs no alarm	Signal line is cut off or short circuit, solder joint of the signal line is abnormal	Check the wire connection and make maintenance
Alarm LED of receiver is always on after alarm	Axis is not well adjusted. there are objects between transmitter and receiver, or the cover is too dirty	Adjust the axis well, remove objects, clear the cover with soft cloth
False-alarm	Bad wire connection, unstable power voltage and detector installation, axis is not adjusted in the best status	Check the wire connection and power, make sure the power voltage is stable, fix the installation and adjust axis