ROISCOK

ROISCOK ELECTRONICS LTD.

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LED Switch

Turn on or turn off J1 to control LED indicator light if necessary,(Fig4)

Adjust Infrared Detector sensitivity

S2: Infrared sensitivity adjustment:

S2	Level 1	Level2	Level3	Level4
2	OFF	OFF	ON	ON
1	OFF	ON	OFF	ON

Note: Level1:Min; Level4: Max

Change the sensitivity by adjusting low-frequency or high-frequency vibrations potentiometer if necessary.(Fig4)

1.Clockwise rotating potentiometer(Glass) to reduce the sensitivity of high-frequency oscillation; counterclockwise rotating potentiometer to increase sensitivity.

2.Clockwise rotating potentiometer(Shock) to reduce the sensitivity of low-frequency oscillation; counterclockwise rotating potentiometer to increase sensitivity.

3.Adjust Jumpers to change the sensitivity of low-frequency vibration if necessary.

S2	Level 1	Level2	Level3	Level4
4	OFF	OFF	ON	ON
3	OFF	ON	OFF	ON

Note: Level1: Min; Level4: Max

Glass Break Test

Glass Break Test can use special test equipment to test or simple simulation test. The sensitivity can be adjusted if required.

Make the test equipment near to every part of the window, turn on the sounds in sequence. Confirm whether the Green LED and Yellow LED could alarm correctly. Adjust the height of installation or sensitivity,(Fig4)

Use rubber mallet knocks the window to sound appropriately, confirm whether the Green LED work well or not. Adjust potentiometer(Shock) to increase or decrease the sensitivity if necessary. Do not knock the window too strong to break the window.

Use high-frequency sound device or strike small metal objects near every edge of the detected window, check whether the Yellow LED work well or not, adjust potentiometer(Glass) to increase or decrease sensitivity if necessary.

Glass Break Test

ROISCOK Electronics Co., Ltd. and its subsidiaries to ensure its products in 18 months to give the buyer after-sale protection. Unless man-made damaged or used improperly, the seller promises the buyer of its product quality, and during this period to give a free replacement or repair. Any agent, installer or salesperson shall not shirk any pretext the reasonable demands of the buyer.

After the warranty time, the seller still commit good service to the buyer, and the appropriate charge.

can cut the Infrared vertically.

Do not mount the detector face to sunlight, blast air or other interference sources to reduce false alarm;

Do not put the detector nearby the compressor and other electronics equipment which can produce vibration;

The distance can be affected when the detector was covered.

- The swivel bracket RA93 is recommended to used with iDo602 for easy installation.
- Open the cover (Fig2)
- Remove preformed holes for cable entry, Insert cable and connect it with the terminal (Fig3)
- Correct connection:

+12VDC: DC 12V positive input
-12VDC: DC 12V negative input
T1 T2: Tamper alarm output
PIR C: Infrared Alarm Ground wire
PIR NC: Infrared Alarm Output
MIC C: Glass Break Alarm Ground wire
MIC NC: Infrared Alarm Output

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty. All products should be test at least once a week.

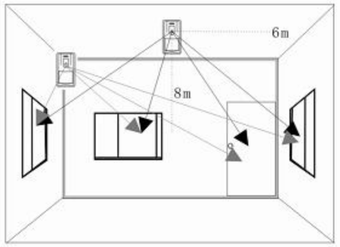

Figure 1

Infrared Alarm Output: NC, 24VDC, 50mA
Glass Break Alarm Output: NC, 24VDC, 50mA Tamper Switch: NC, 24VDC, 0.5A
Time to Warm: 2.0 minutes
Operating Temperature: -10℃-50℃
Size: 128*64*40mm

LED Indicator Light

Green LED: Low-frequency vibration indicator
Yellow LED: High-frequency vibration indicator
Red LED: Human invasion indicator light
When green LED on and then yellow LED on produce glass break alarm output; When red LED on produce invision alarm output.

Installation

- Select a right position so that make sure the coverage of infrared detector could monitor all the passageway, including windows and doors; make sure voice detector could cover the position of windows, Fig 1.

The system will be trigged easier if the intruder

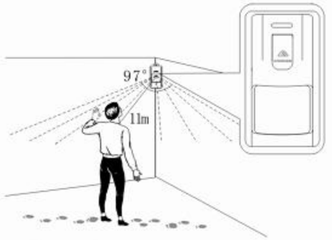

Figure 2

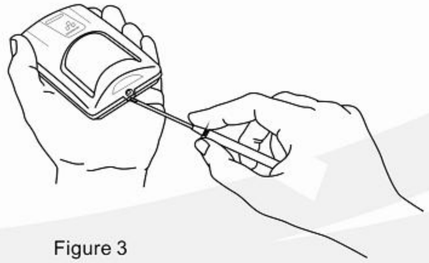

Figure 3

iDo602 multifunctional Intelligent detector is adopted infrared and voice recognition technology, can detect human invasion, glass break and alarm separately. For the advanced procedure analysis technology; The Detector can limit the false alarm rate caused by other sounds. For infrared detecting technology, iDo602 is adopted advanced human motion detecting technology and digital computing recognition technology, which can estimate the invasion correctly and shield interference signal and reduce the false & lost alarm greatly.

Main Features

Glass Break detection coverage:Front 8.0m, 45° direction 6.0m (Fig.1)
Infrared detection coverage: 11.0m
Height of Installation: 2.1-2.5m
Operating Current: 20mA/12V
Operating Voltage: 9-16V DC

iDo602 Multifunctional Intelligent Detector User Manual Glass Break +PIR Detector

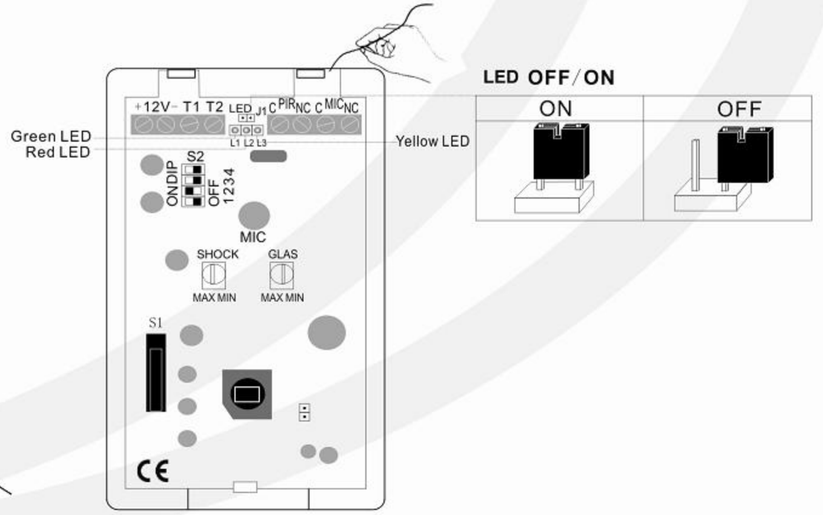

Figure 4