Fig.2

ROISCOK

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alarm. Sending supervisory signal at 65-minute intervals indicates the battery status.

● Testing Status: Jumper S3 is ON and NORM is OFF. Once being triggered, the detector will send alarm continuously. When installing, the detector should be in testing status. As soon as finished installing, please restore to Normal Working Status without delay.

● Programming Status: Jumper S3 is ON. Used for detector to match with the receiver. When finished programming, please restore the detector and the receiver to non-programming status without delay.

Working Features

Jumper S1 and S2 are special designed for adjusting detection sensitivity. Status 1 is the max sensitivity, status 4 is the min sensitivity. Status 2 is recommended. Adjust as follows:

● Status 1: S1 off, S2 on
● Status 2: S1 on, S2 on (recommended)
● Status 3: S1 off, S2 off

● Status 4: S1 on, S2 off

LED Indicating Light:

● When LED light is on for several minutes, means detected alarm or be opened.
● When LED blinking, means battery power is low, please change a new battery without delay.

Specifications:

● Working Voltage: 3V battery
● Working Current: $40\mu A$ (stand-by)
● Working Frequency: 433.92MHz Time to Alarm: 2.2s min
● Time to Warm-up: 2 minutes min
● RFI characteristic: 25V/m, 10 MHz ~ 1GHz
● Working Temperature: 0ºC ~ 55ºC
● Storage Temperature: -20ºC ~ 60ºC
● Size: 128×64×40MM
● Height of Installation: 2.0~2.5M

● Three Working Statuses: Normal Working Status, Testing Status, Programming Status
● Low power consumption, long service life of battery
● Auto-Monitoring
● Wireless Transmission Distance: 200m in standard environment
● Radio-Frequency: 433.92MHz

Working Features

● Supervisory Signal: Sending at 65-minute intervals
● Battery Service Life: 2 years in normal working status

Working Status:

iDo302DW can be set up in follow three working status:

● Normal Working Status: Jumper S3 is On and NORM is on. When the first time the detector was triggered, it will send alarm. And in the next 20 seconds, any continuous trigger won't cause

Installation:

1. Preparing:
● Please check the area which needs to be protected before you install the RK110W, and then select the best mounted position and height.
● Do not install detector face to sunshine, near hot or other places easily interfered
● The detector should install at the height of 2.1-2.5M above the ground.
● Generally, detector should be installed in the corner, vertical with ground and make 45 degree with the wall.
● Try to void facing to windows and curtains directly.
● The detector should be far away from the metal object.
2. The Swivel Bracket's Installation:
● Select the mounted position
● Fix part 1 onto part 2 with Screws, and then fix

● True Temperature Compensation
● Dual Polarity Pulse Count is Adjustable
● Resist Interference of White Light
● Low Power Consumption , 3V Li Battery Service Life no less than 2 years
● LED Indicator when weak power and transmitting
● High RFI Immunity for False Alarm Prevention (25V/M - 1GHz)
● Professional Optical Pigmented Lenses
● Installed on Wall, Ceiling and/or Corner Mounting
● Suitable to Swivel Brackets
● Convenient for Installation
● Pulse Count is Selectable
● Resist Fluorescent Interference
● Memory and Form-C Relay
 (Elegant design is ideal for residential installations)

Wireless Features

it on the suitable wall or ceiling
● Insert part 3 into the back cover of the detector
3. The Communications Setting of the detector or the receiver iDo302DW should be match with any of Roiscok's receiver. Operate as follows:
● Set the receiver as programming status
● Take down the front cover
● Take off the battery package and put it in to the detector correctly
● Set the detector as programming status (Jumper S3 is On)
● Sending any of a signal to the receiver, make sure iDo302DW can be identified by the receiver
● Set the receiver as normal working status
● Set the detector as normal working status (Jumper S3 off)
4. Installation
● Fix the detector on the swivel bracket Adjust the detector, make sure the detector is vertical with ground and make 45 degree with the wall.

● Make sure the front cover of the detector has been installed correctly, LED indicator light is on
5. Walking test
● Check whether the detector is in testing status, if not, please operate it as in working status : Jumper S5 is ON and NORM is OFF and LED is ON. Set sensitivity accordingly and set the suitable position by impulse accounting.
● Piece on the front cover, take walking test in the whole protected area. Then temper Switch SW is open long time, detectors will enter a power-saving mode, and will not continue to send signals.
● Make sure the receiver can receive the detecting signal correctly
● If the receiver can not receive detecting signal, please check environmental situation or adjust the mounted position
6. Adjust and Check before finish Installation
● Take down the front cover of the detector

iDo302DW
Wireless PIR Motion Detector

Main Features

● Coverage is 10M, with Top View Window and Creep Zone
● Dual Passive Infrared Detective Technology
● Microprocessor Design Improves False Alarm Immunity

● Readjust jump, make sure the detector is in working status1 or working status 2
● Set sensibility accordingly
● Set LED ON or OFF accordingly
● Piece on the front cover
● Recheck the detector position, make sure it is vertical with ground and makes 45°with wall
● One more moving test, make sure the system works correctly.

Note:

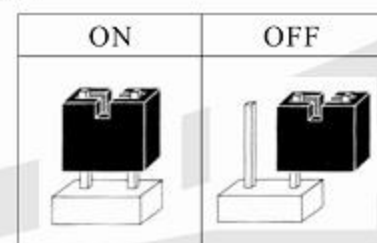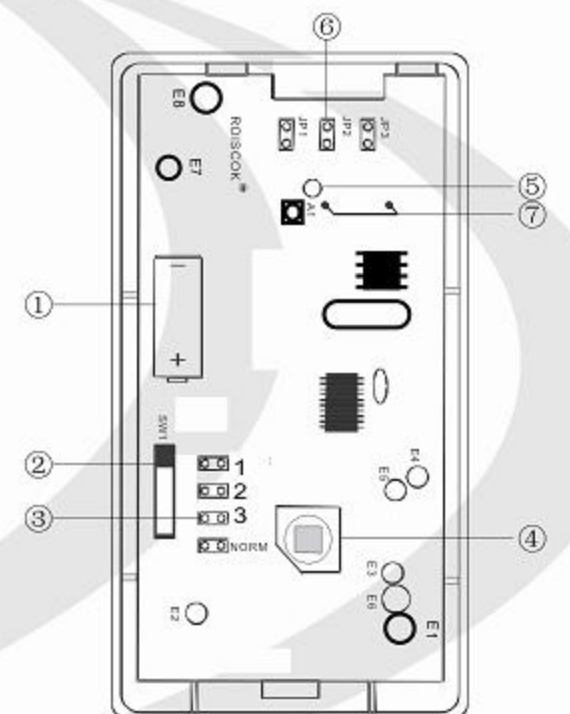Be careful of the polar when installing the battery, any wrong installation might destroy the detector.

ON	OFF

Fig.1

1	Battery	5	Indicating LED
2	Temper Switch	6	LED Jump
3	Jumper	7	Wireless
4	PIR Sensor		

Fig.3