◆The detector should be far away from big metal object, strong magnetic field or some high-power wireless equipments.

2. Installing Detector
◆Select the mounting position (map1.)
◆Open the front cover (map)
◆Fix the detector with the screw on the ceiling or any other suitable place that you chose
◆Make sure the front cover has been installed correctly, and the LED should be on.

3. The Communication setting of the detector / the receiver(Registering) SIR-304CMW should work with Receiver. Programming is the process of registering the detector into the receiver, which can make sure the receiver can receive the information from the detector correctly and deal with it properly(for example: send the information to the control panel, etc.).And for those information which are sent by unregistered detector will be ignored. Operate as follows:
◆Set the receiver as Programming Status
◆Take down the front cover of the detector
◆Take off the battery package and put it in to the detector correctly. (Attention: Wrong installation of the battery might cause a serious consequence.)
◆Depress the Tamper Switch on the detector to

◆JP2 is the indicating LED of the switch. If JP2 is on, the LED will be light on when alarming; if JP2 is off, the LED will not light on when alarming.
◆If the LED is on for 1 second, means detected alarm or the detector was Dismatled.
◆If the LED is blinking, means the battery power is low, please change a new battery without delay.
◆Working Voltage: 3V battery
◆Working Current: 35 μ A
◆Working Frequency: 433.92MHz
◆Alarming Time: 2.2 s min
◆Warming-up: 2 minutes
◆RFI characteristic: 25V/m, 10 MHz ~ 1GHz
◆Working Temperature: -20ºC ~ 55ºC
◆Storage Temperature: -20ºC ~ 60ºC
◆Size: ∅ 103×21MM
◆Installation Height: 4.0M

Installation

1. Preparing:
◆Please check the area which needs be protected before installation, and then select the best mounting position;
◆Do not make the detector face to sunshine, near hot source or other places those may have interference;
◆It is suggested to install the detector at the height of 2.1-2.4M above the ground;

(30V/M to 1GHz)
◆Professional Optical Pigmented Lenses
◆Installed on Ceiling Mounting
◆Easy Installation
◆Resist Fluorescent Interference
◆Memory and Form-C Relay

Wireless Features

◆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

Adjusting Detection Sensitivity

◆Jumperer S1 and S2 are special designed for adjusting detection sensitivity. Status 1 is the max sensitivity; status 4 is the min sensitivity, and usually we suggest Status 2. Adjust as follows:
◆Status 1: S1 open, S2 closed
◆Status 2: S1 closed, S2 closed (the suggested sensitivity.)
◆Status 3: S1 open, S2 open
◆Status 4: S1 closed, S2 open

LED Indicating Light

SIR-304CMW adpots the special Phenia optical lenses which strengthen the resistance of white light. Slim shape design makes Roiscok's ceiling series correspond harmoniously with the installation environment. Full orientation top view is 110º and the max installation height is up to 4.0M. All of the SUNWAVE Wireless products is attached sole identification code, the sending frequency is 433.92MHZ. It has the features as strong ability to catch signal, false & lost alarm is low, low power consumption and true temperature compensation; high technology and smart manufacture and elegant appearance; microprocessor for digital signal processing and built-in antenna; powered by 3V lithium battery, stable performance and long service life.

Main Feature

◆Top View 110º，360º Full Orientation
◆Installation Height is Up to 4.0M
◆Dual Element Sensor Motion Detective Technology
◆Microprocessor Design Improves False Alarm Immunity
◆True Temperature Compensation
◆Dual Polarity Pulse Count is Adjustable
◆Resist Interference of White Light Power Consumption is Low
◆High RFI Immunity for False Alarm Prevention

Wireless Ceiling Infrared Detector

SIR-304CMW

send identifier. Each depress will cause a identifier sending. Watching the recever carefully, make sure the SIR-304CMW can be identified by the receiver, since only the detector which has been registered successfully can be identified by the receiver.(For more details, please refer to the manual of the receiver.)

◆After the successful registration, make the JumperS4 is on and also set the receiver as normal working status

4. Walking test

◆Check whether the detector is in testing status or not : the Jumper S4 is off and the LED Jumper is on. And the sensibility of the detector can be adjusted by Jumper S1 and Jumper S2 properly.

◆Piece on the front cover, taking walking test in the whole interde area , which enable you to determine the effectiveness of the installation. The detector will be on electricity-saving status and will not send singal
 continuously if the Tamper Switch SW is on for a long time.

◆Make sure the receiver can receive the signal from the detector correctly.

◆Wireless products are easy to be interfered or screened by some other equipments or the environment. If the receiver can not receive the
 detecting signal, please check the environmental situation or adjust the mounting position.

◆After finished the testing, remember to restore the detector to Normal Working Status : the Jumper S4 is off.

5. Adjust and Check before finish Installation

◆Take down the front cover of the detector

◆Readjust Jumper, make sure the detector is on Normal Working Status which is also the Electricity-Saving Status.

◆Set the sensibility of the detector accordingly

◆Set the Alarming LED ON or OFF (JP2 On/Off) accordingly. The stand-by time of the battery will be longer properly if the LED is off.

◆Piece on the front cover

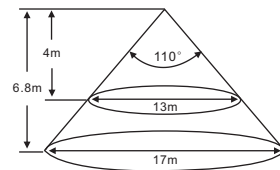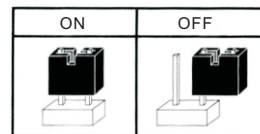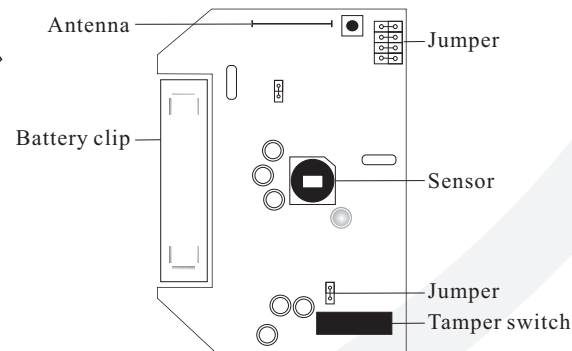◆One more moving test, make sure the system works correctly.

FIG.1

FIG.2

FIG.3

Antenna
Jumper
Battery clip
Sensor
Jumper
Tamper switch

SELCO

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