1. Installation & Bracket

- Change the product at random, manufacturer not suggest or allow user to make modification on product except for those
- Night outdoor application
- Detector is sensitive to intrusion from door and windows in this way.

6. INSTALLATION GUIDE

Holes for bracket installation

Select most suitable installation point fit for PIR detection, put detector onto proper position, keep away from family devices. This device mainly produce radio transmission power, improper installation may cause nocuous interference to TV or other radio devices. And also, there is no guaranty of nocuous RF interference after each installation.

Use a cross-type screw driver to loose screw at bottom of housing and open covers as figure, and then make a mark on needed holes on wall, drill holes for wall mount

Holes for wall mount

If device cause interference, can be recognized by switch on/off, user can lower interference by following steps:

- Keep away from strong interruption from door, window, running machine or heat source.
- Don’t face directly CAR
- UV & RF, head light on car etc and is highly effective for water/dust/INSECTS/ wind proof. It is matched with follow advanced technology: direct calculation and analysis technology from intelligent high-speed microcomputer to intrusion infrared signal, double partner transceiver technology: automatic compensation temperature technology, direct communication vs radio transmission and certification limitation (FCC or other principles):
- Digital pet immunity up to 20kg
- Fully sealed optical parts
- Bi-directional temperature compensation
- Antenna for FM/AM radio device
- Guaranteed installation point fit for PIR detection, put detector onto proper position, keep away from door, window, running machine or local source.

6. INSTALLATION GUIDE

- Recommended installation height is 1.5-3.5m

- Unreasonable installation position

- Unreasonable installation angle

- Uninstallable installation angle

- Uninstallable installation point fit for PIR detection, put detector onto proper position, keep away from door, window, running machine or local source.

7. DISCLAIMER

1. General Introduction On Outdoor Application

- This device must obey any interference causing, excluding those may cause common interference. Operator should be
- This detector is remarkable in function, but the following notices can make it more stable if installer can pay attention to them:
- Sensing range:
- Width:
- Height:
- Lens becomes easily dirty when used outdoor, so please check the lens from time to time in order to avoid alarm
- Lens became dirty to avoid false alarm.

2. DISCLAIMER

1. PRODUCT INTRODUCTION

- Product limitation
- Uninstallable installation point fit for PIR detection, put detector onto proper position, keep away from door, window, running machine or local source.

2. DISCLAIMER

1. DISCLAIMER

- This detector is remarkably sensitive to variation from temperature change, if target temperature is very close to
- Lens becomes easily dirty when used outdoor, so please check the lens from time to time in order to avoid alarm
- Lens becomes dirty to avoid false alarm.

2. DISCLAIMER

1. DISCLAIMER

- This detector is remarkably sensitive to variation from temperature change, if target temperature is very close to
- Lens becomes easily dirty when used outdoor, so please check the lens from time to time in order to avoid alarm
- Lens becomes dirty to avoid false alarm.
**Alarm LED control**

When jumper is set to OFF mode, LED will not light up and the detector is in testing position. When jumper is set to TEST mode, LED will flash for 2 times to indicate the detector is in testing position. When jumper is set to USE mode, LED will light up during alarm, if the detector is under power supply. When jumper is set to USE TEST mode, LED will flash for 2 times to indicate the detector is in testing position.

**Main specifications**

- Power: DC 12V
- Power consumption: 6mA
- Oscillation: 2.1m
- Mark-1: when PCB is set to this position, detector is with best pet immunity.
- Mark 0: when PCB is set to this position, detector is at most standard status.
- Mark 2, 3, 4: when installation height is over 2.4m, in order to keep battery working longer.
- Jumpers are not D2/D1/D0/D3.

**Trouble Possible reasons Solution**

1. Battery low voltage (below 3.2V)
   - Change high quality battery (use factory battery or brand-named battery).
2. Poor contact between battery clip and battery
   - Keep clip clean to avoid poor contact.
3. Reversed battery installation
   - Reinstall batteries correctly.
4. Don't switch on LED control
   - Turn off alarm LED to save energy.
5. Select TEST mode
   - Keep in mind that detector function can be reached by setting of jumper.
6. Turn on LED during test
   - Set jumper to USE mode.
7. Tamper switch alarm
   - Set address pin to H or L.
8. Unstable alarm signal
   - Set address pin to H or L.
9. Detector not in USE mode
   - Set jumper to USE mode.
10. Environment is not suitable for wireless control panel installation
    - Pay attention to water proof, add O shape water proof rubber ring.
11. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
12. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
13. Detector not in USE mode
    - Set jumper to USE mode.
14. Some address jumpers can’t be empty
    - Set address pin to H or L.
15. Tamper switch alarm
    - Set address pin to H or L.
16. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
17. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
18. Detector not in USE mode
    - Set jumper to USE mode.
19. Some address jumpers can’t be empty
    - Set address pin to H or L.
20. Tamper switch alarm
    - Set address pin to H or L.
21. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
22. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
23. Detector not in USE mode
    - Set jumper to USE mode.
24. Some address jumpers can’t be empty
    - Set address pin to H or L.
25. Tamper switch alarm
    - Set address pin to H or L.
26. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
27. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
28. Detector not in USE mode
    - Set jumper to USE mode.
29. Some address jumpers can’t be empty
    - Set address pin to H or L.
30. Tamper switch alarm
    - Set address pin to H or L.
31. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
32. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
33. Detector not in USE mode
    - Set jumper to USE mode.
34. Some address jumpers can’t be empty
    - Set address pin to H or L.
35. Tamper switch alarm
    - Set address pin to H or L.
36. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
37. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
38. Detector not in USE mode
    - Set jumper to USE mode.
39. Some address jumpers can’t be empty
    - Set address pin to H or L.
40. Tamper switch alarm
    - Set address pin to H or L.
41. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
42. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
43. Detector not in USE mode
    - Set jumper to USE mode.
44. Some address jumpers can’t be empty
    - Set address pin to H or L.
45. Tamper switch alarm
    - Set address pin to H or L.
46. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
47. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
48. Detector not in USE mode
    - Set jumper to USE mode.
49. Some address jumpers can’t be empty
    - Set address pin to H or L.
50. Tamper switch alarm
    - Set address pin to H or L.
51. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
52. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
53. Detector not in USE mode
    - Set jumper to USE mode.
54. Some address jumpers can’t be empty
    - Set address pin to H or L.
55. Tamper switch alarm
    - Set address pin to H or L.
56. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
57. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
58. Detector not in USE mode
    - Set jumper to USE mode.
59. Some address jumpers can’t be empty
    - Set address pin to H or L.
60. Tamper switch alarm
    - Set address pin to H or L.
61. Operation temperature over limitation
    - Keep in mind that detector function can be reached by setting of jumper.
62. Poor battery quality
    - Change high quality battery (use factory battery or brand-named battery).
63. Detector not in USE mode
    - Set jumper to USE mode.
64. Some address jumpers can’t be empty
    - Set address pin to H or L.