

PIR Infrared Motion Sensor Switch Human Body Induction Save Energy Motion Automatic Module Light Sensing Switch Manual



SAFETY PRECAUTIONS

- Do not install when it is raining
- Make sure you switch off the power before installation
- Make sure that the power wiring comes from a circuit with a suitable fuse or circuit breaker
- Make sure that there are no objects within a range of 80 cm from the Sensor
- Do not remove the adjustment knobs
- The unit can be installed horizontally or vertically, For the best results, fix the sensor on a solid surface at a height between 2.0 ~ 2.3 m.

OPERATION AND TESTING

WALKING TEST: This test allows the user to establish the detection pattern and choose the best position for the sensor. Adjust the sensor to point in the desired direction by rotating the unit from left to right and up to down. See the sensitivity patterns of the sensor to achieve the desired results.

TROUBLESHOOTING GUIDE

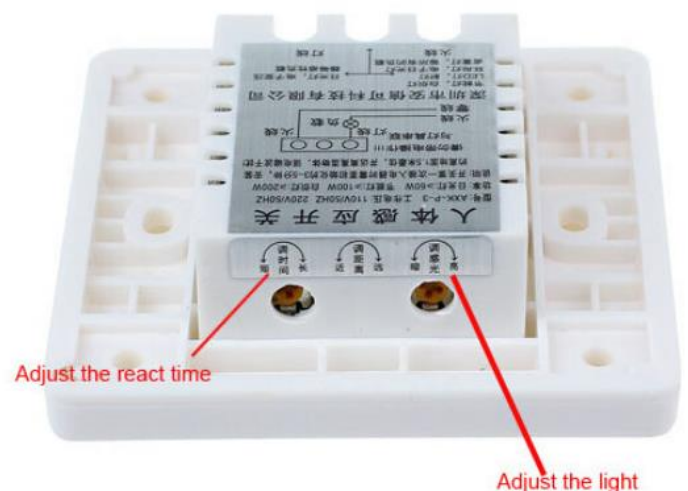
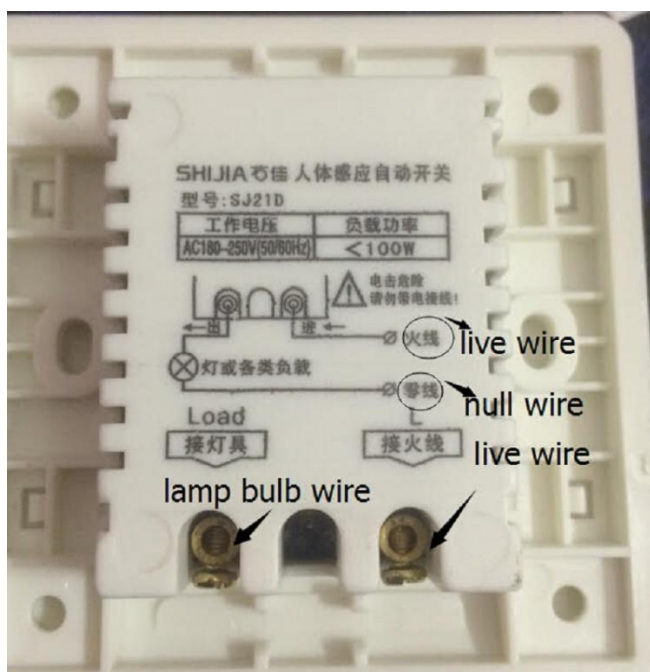
Problem 1: Lamp stays ON all the time at night. Or PIR keeps activating for no reason / at random.

Solution: The unit may be suffering from false activation. Cover the sensor lens completely with a thick cloth. This will prevent the sensor from “seeing” anything. If the unit now switches off after the set time duration and does not re-activate, this indicates that the problem was caused by false activation.

The problem may be solved by slightly adjusting the direction/angle of the sensor. You may not be allowing the unit time to complete its warm-up period. Stand well out of the detection range and wait (the warm-up period should never exceed 5 minutes). Occasionally, winds may activate the sensor. Sometimes, passages between buildings etc. may cause a “wind tunnel” effect. Ensure the unit is not positioned to allow detection of cars/people using public thoroughfares adjacent to your property.

Problem 2: PIR sensor will not operate at all.

Solution: Check that the power is switched ON at the circuit breaker/internal wall switch. Turn OFF the power to the unit and check the wiring connections as per the details given below, ensure no connections are loose. Check the lamp. If the lamp has failed, replace. Ensure that the lamp is functioning normally.



These knobs are inside the back panel to avoid corrosion of dust on the knobs, so kindly open the back panel to see the knobs