



OR-CR-206

Infrared Motion Sensor



Instruction

SPECIFICATION:

Power Source: 220-240V/AC	Detection Range: 160°
Power Frequency: 50 Hz	Working Temperature: -20~+40°C
Ambient Light: 3-2000LUX (adjustable)	Working Humidity: <93%RH
Time-delay: min: 10sec±3sec	Installation Height: 1m~1.8m
max: 7min±2min	Power Consumption: 0.45W(work)
Rated Load: Max.500W (incandescent lamp)	0.1W (static)
Detection Distance: 4-9m(<24°C) (adjustable)	Detection Motion Speed: 0.6~1.5m/s
Sound Control Sensitivity: 30db ~90db (adjustable)	

FUNCTION:

- LUX adjustment: The consumer can adjust work ambient light. It can work in the daytime and at night when it is adjusted on the “sun” position (max). It can work in the ambient light less than 3LUX when it is adjusted on the “moon” position (min). As for the adjustment pattern, please refer to the testing pattern.
- Time-delay is added continually: When it receives the second induction signals after the first induction, it will compute time once more on the rest of the first time-delay basic.(set time).
- Time-delay adjustment: It can be set according to the consumer’s desire. The minimum time is 10sec±3sec. The maximum is 7min±2min.
- Multi-working mode: You can select ON, OFF, PIR, PIR+MIC mode, if you select PIR+MIC mode, the lamp will be on automatically when you knock at the door or say “I am coming back” at night you come back home, it will make your home warmer and more romantic.
- The switch: “ON”、“OFF”、“PIR”、“PIR+MIC”.



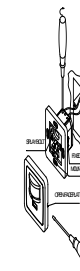
Good sensitivity



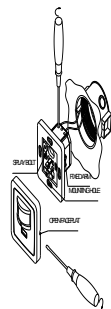
Poor sensitivity

INSTALLATION:

- Shut off the power.
- Loosen the connection column on the bottom of sensor, plug the wire into connection hole, tighten the screws; unload the surface of sensor, connect the sensor into connection box.



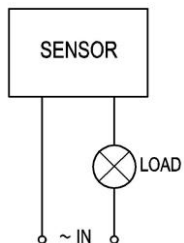
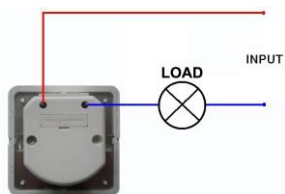
- If you want to install it in quadrate connection box, penetrate the setscrew into installation hole, block on radiator to aim at the installation hole on connection box, then tighten the screw; if you want to install it in circular one, you can use the same way as the quadrate, also adjust the sensor's position, tighten the setscrew on surface, then the fixing arm will open automatically, fasten the connection box.



- Switch on the power then test it.

CONNECTION-WIRE DIAGRAM

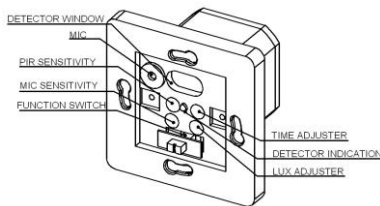
(see the following figure)



DO NOT PUT THE SENSOR INTO POWER DIRECTLY!!!

TEST:

- Set the function switch to "ON", set "SENS" clockwise to maximum, "MIC" to middle; "LUX" clockwise to maximum; "TIME" anti-clockwise to minimum.
- Switch on the power, the lamp should be on.
- Set the function switch to "OFF", the lamp should be off immediately, all functions should be in "stop" state.
- Set the function switch to "PIR", 30sec later, it enters into working position. The lamp will be turned on after receiving the inductor signal.20sec. Under no inductor signal condition, the lamp should be off within 5~10sec.
- Set "LUX" anti-clockwise to minimum, after it is off when there is no inductor signal condition, the lamp should be off in the daytime, but if you use a opaque object to cover sensor, the lamp should be on, then off within 5~10sec.
- Set the function switch to "PIR+MIC", LUX clockwise to maximum, then the sensor is in the PIR+MIC mode, cover the detector, if the lamp is on, under no inductor signal condition, the lamp should be off after 5~10sec, after 5sec if you clap your hands, the lamp should be on, then off after 5~10sec when no inductor signal.



Note: when testing in daylight, please turn LUX knob to ☀(JN) position, otherwise the sensor lamp could not work!

NOTE:

- Let electrician or experienced human install it.
- The unrest objects can't be regarded as the installation basis-face.
- There should be no hinder or unrest objects effecting detection in front of the detection window.
- Avoid installing it near temperature alteration zones, for example, air condition, central heating etc.
- Don't open the case for your safety if you find the hitch after installation.
- If there is any difference between instruction and products, please give priority to product, sorry not to inform you again.

SOME PROBLEM AND SOLVED WAY:

- The load don't work:
 - Please check the power and the load.
 - If the load is good.
 - If the indicator lamp is light or not.
 - Please check if the working light corresponds to the ambient- light.
- The sensitivity is poor:
 - Please check if in front of the detection window there is hinder that effect to receive the signals.
 - Please check the ambient temperature.
 - Please check if the signal source is in the detection field.
 - Please check the installation height.
 - If the moving orientation is correct.
- The sensor can't shut off the load automatically:
 - If there is continual sensor signal in the detection field.
 - If the time-delay be set to the longest.
 - If the power correspond to the instruction.
 - If the temperature change near the sensor. Such as air condition, central heating etc.

ORNO-LOGISTIC Sp. z o.o.

ul. Katowicka 134

43-190 Mokolow

POLAND