

# Quantek CP-611LSR-V2.0 Laser Photocell Sensor Instructions

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Quantek CP-611LSR-V2.0 Laser Photocell Sensor



## **Product Usage Instructions**

#### Installation:

- 1. Fix the rain shield to the outside walls first.
- 2. Ensure the device is perpendicular to the beam when fixing the beam base plate.
- 3. Pass a four-core cable through the grommet at the bottom of the device.
- 4. Connect the two power terminals and two isolated relay contacts according to your setup (N/O or N/C).

#### **Range Calibration:**

- 1. Set the DIP switches or use the learning method to calibrate the range threshold.
- 2. To self-learn a threshold range:
  - 1. Set all DIP switches to OFF.
  - 2. Place a target 200mm from the desired range.
  - 3. Power up the device and wait for the beep.
  - 4. Cross the beam 5 times at 0.5m from the sensor within 4 seconds.
  - 5. Adjust the target if necessary until the green light flashes rapidly.
  - 6. When a long beep sounds, the threshold is set.

## **Operation and Maintenance:**

• Check the operation by moving the target 200mm closer after calibration.

- Avoid waving 5 times in front of the sensor on power-up to prevent resetting.
- For heavy rain or fog conditions, limit the range setting to 4 meters for optimal detection.
- · Clean the lens regularly to maintain proper functionality.

#### **Additional Notes:**

- The device can be used for activation or secondary safety purposes.
- For vehicle detection, consider using two devices spaced 2 meters apart and wired in series.
- The device does not differentiate between pedestrians and vehicles.

#### **FAQs**

#### Q: Can the device be used in heavy rain or fog?

A: In heavy rain or fog, it is recommended to limit the range setting to a maximum of 4 meters for optimal detection.

#### Q: How do I clean the lens of the device?

A: Use a clean, soft cloth to gently wipe the lens of the device to maintain proper functionality.

#### **PRODUCT OVERVIEW**







#### **Specification**

- 7 fixed ranges plus full auto adjustment
- Maximum 8M
- 10-30V dc 10-24V ac
- Iq = 65mA, I detect = 28mA

- Dimensions 37 x 36 x 108mm
- Environmental rating IP65
- 0.8A @ 30Vdc volt free N/O or N/C
- Operating temp -10° C to 60° C

#### Self Learning

- 1. Place the target in the beam 200mm from the desired range.
- 2. Power up, and wait for the beep. You now have 10secs
- 3. Crossbeam 5 times at 0.5m from the sensor within 4 secs.
- 4. There are 5 beeps, then the green light flashes rapidly
- 5. Adjust the target if necessary.
- 6. When the long beep sounds, the threshold is set

Check operation by moving the target 200mm closer. The setting will be kept on power outs, but do not wave 5 times on power up!



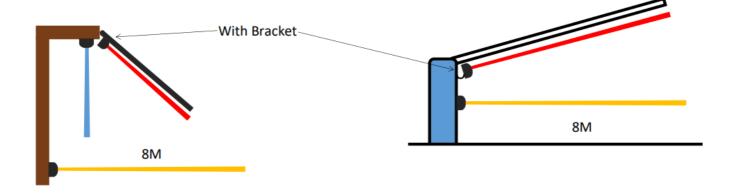
• A versatile device, can be used as activation or secondary safety.

#### switch settings

Preset dip switch settings

Configuration	DIP Switch
Distance	Setting
Self learning	1 2 3
2m	ON 1 2 3
Зт	ON
4m	ON 1 2 3

Configuration	DIP Switch
Distance	Setting
5m	ON
6m	ON
7 m	ON
7.5m	1 2 3



Heavy rain or fog may impair detection on longer range, for this reason, secondary safety applications should be set to a maximum of 4 meters range. The device does not distinguish between pedestrians and vehicles. 2 devices spaced 2 meters apart, wired in series, are advised for vehicle detection. Keep the lens clean.

### **CONTACT INFORMATION**

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#### **Documents / Resources**



Quantek CP-611LSR-V2.0 Laser Photocell Sensor [pdf] Instructions CP-611LSR-V2.0 Laser Photocell Sensor, CP-611LSR-V2.0, Laser Photocell Sensor, Photocell Sensor, Sensor

#### References

- \*\*\*\* Reflective Laser Wireless Photocell Sensor Beam YET611LSR for Sliding Door Garage Door | Yet remote control
- User Manual

Manuals+, Privacy Policy

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