



# Shenzhen Ustellar Technology UT88105 Motion Activated Security Light User Manual

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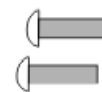
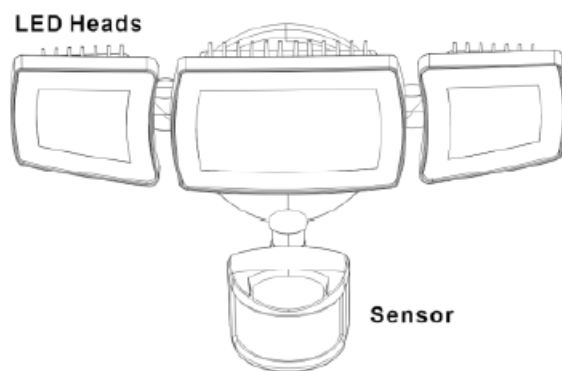
**Shenzhen Ustellar Technology UT88105 Motion Activated Security Light**



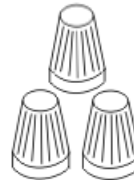
## Features

- Turns on lighting when motion is detected.
- Automatically turns off lighting off.
- Photocell keeps the lighting off during daylight hours.
- LED indicates motion was sensed(day or night).

## This package includes



**2 Screws**



**3 Wire  
Connectors**



**Mounting Bolt**



**Mounting Strap**



**Gasket**

## SPECIFICATIONS:

- Power Source:120V
- Power Frequency: 60Hz
- Ambient Light: <10-2000LUX
- Time: TEST 5Sec 1Min.3Min.10Min

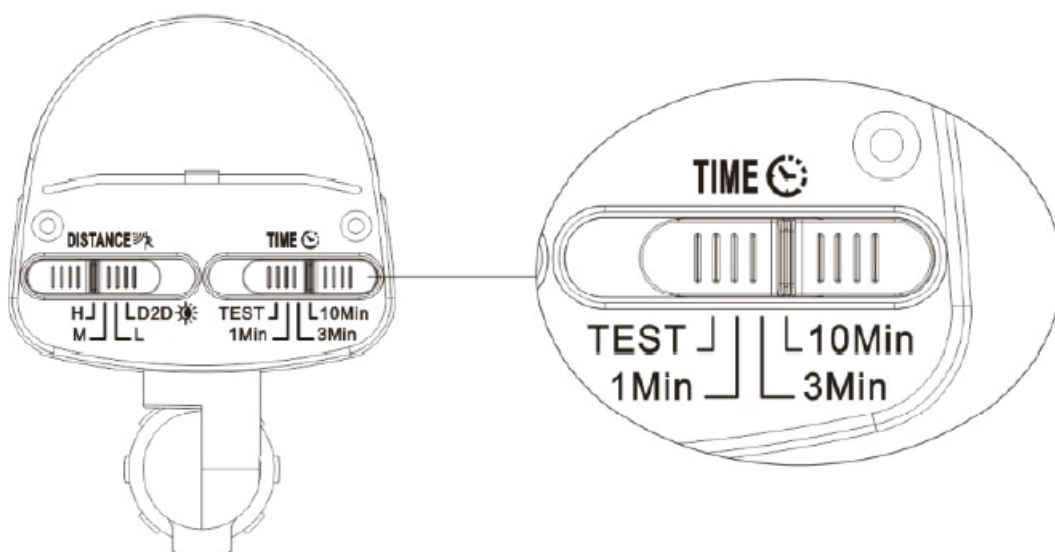
- Load: 45W.LED
- Lumen:4000lm CRI>80
- Color Temperature: 6000K
- Detection Range: 180°
- Working Temperature: -20~+40℃
- Working Humidity: <93%RH
- Distance: L.M.H 18m.max (<24℃)
- Operating: Test .
- Motion Activated. Manual

## Operations

Mode	Light ON -Time	Works: Day	Night
Test	5 Seconds	×	×
Motion	1,3 or 10 Minutes	×	×
D2D	1,3 or 10 Minutes	×	
Manual	Light keep on Under this mode	×	×

## Setting TIME

- Adjust the switch of “Time” can set the duration of lighting time when the sensor detect an object movement, then it will turn the light on (The duration time when the objects stop movement), it can be set to TEST,1MIN,3MIN,10MIN).
- When set on TEST(5sec) position, it is used to test for installation, which is not controlled by ambient lux, and the light will stay on for 5 seconds.

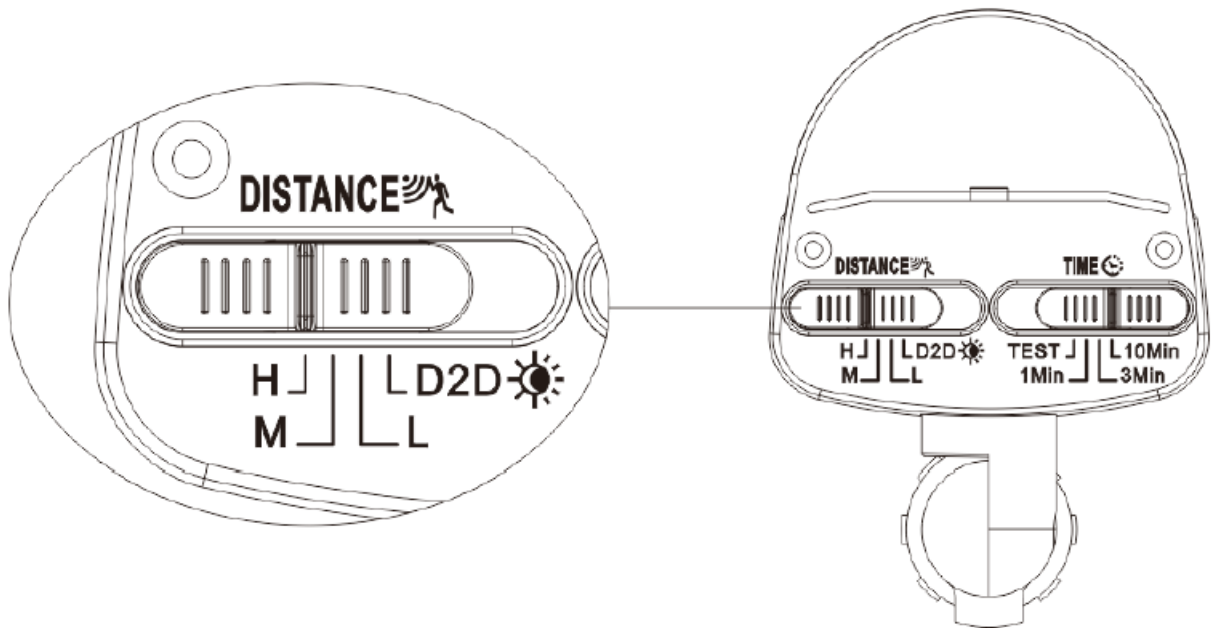


## Setting Distance

- The sensor can be adjusted clockwise or counter clockwise per requirement,, for the purpose of changing the

detection scope

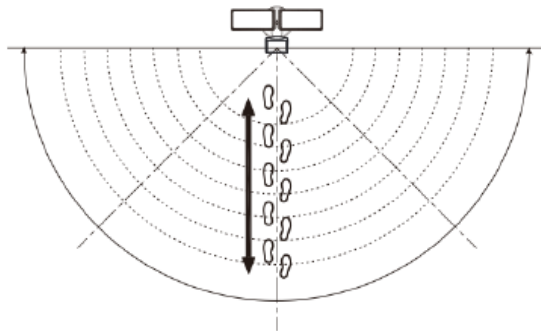
- Adjust the “distance” switch to D2D position, the lamp will turn ON at dusk and turn OFF at Dawn when detect the motion.
- Adjust the “distance” switch can set the sensitivity of the sensor means changing the sensor’s detection distance, it can be positioned to high, mid and low.



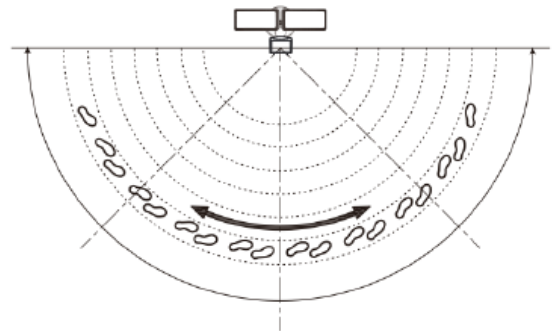
- To determine the detection scope of motion sensor need to perform a simulation test: walking in an across the front of the motion sensor.

The motion sensor is less sensitive if in a radial movement. As shown below (picture 1).

The motion sensor is more sensitive if in a lateral movement. As shown below (picture 2).



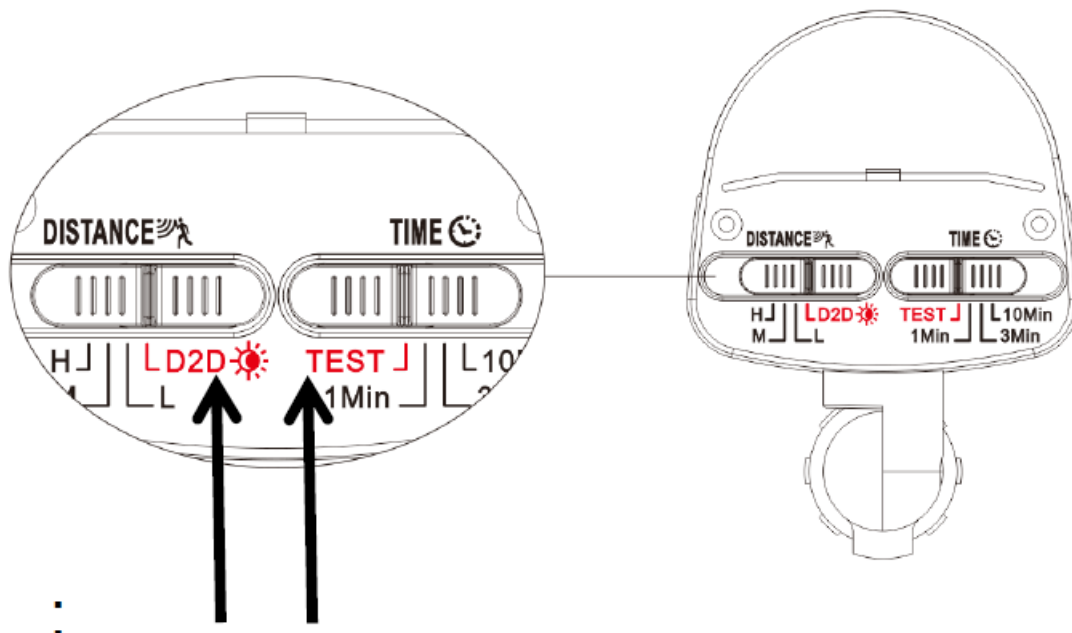
picture 1



picture 2

## Setting MANUAL MODE

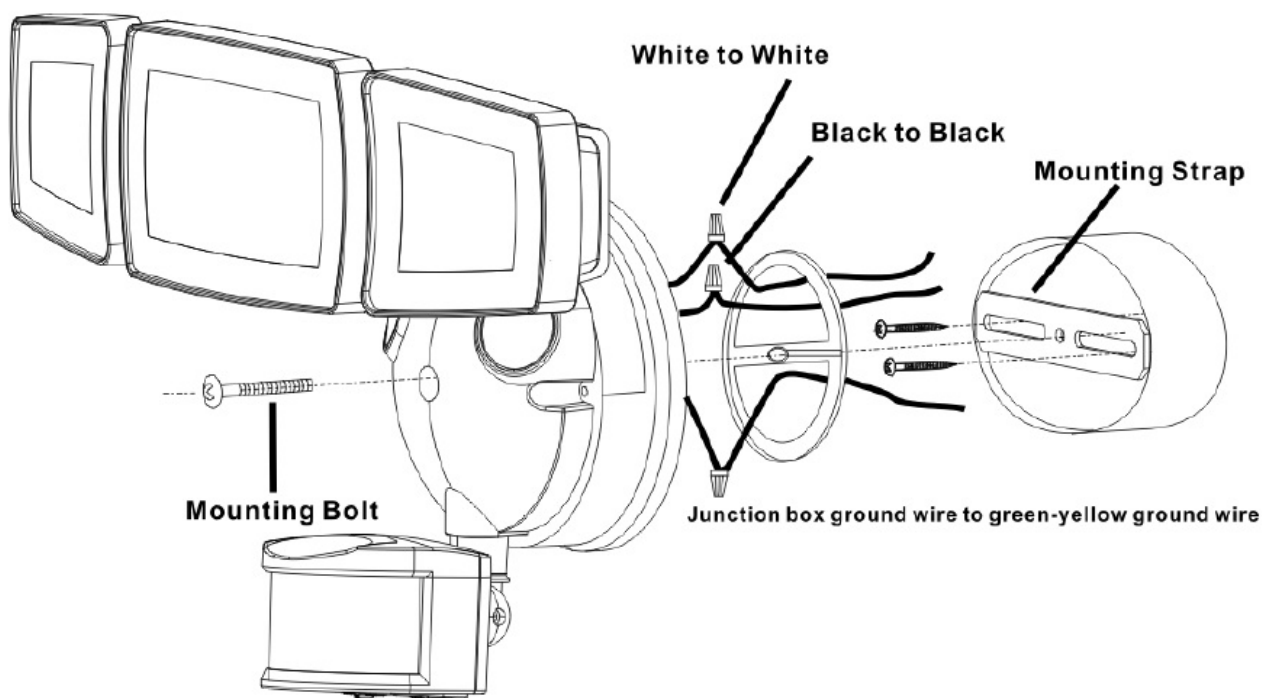
Adjust both the “distance” switch to D2D position, and “TIME” switch to TEST position at the same time. ,then it can fit in



## Installations

For best performance, mount the fixture about 8ft(2.4m) above the ground.

**Note:** If fixture is mounted higher than 8ft(2.4m),aiming the sensor down will reduce coverage distance.



- Shut off power.
- Install the mounting strap as shown using two screws that fit your junction box.
- Route the light control's wire and fixture wires as shown. Secure with wire connectors.

**Note:** L should be connected with the Black, N should be connected with White.

## Installations advice:

- As the detector responds to changes in temperature, avoid the following situations:
- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.
- This product is intended for use with the enclosed gasket and with a junction box marked for use in wet locations.
- When the air temperature is close to a person's body heat, the detection sensitivity will reduce.
- This light requires a 120-Volt AC power source.
- Turn power off and test that power is off before installing the sensor.
- Install the height of the light fixture not lower than 1.8m, to avoid disturbance from small animals on the ground within detection range.

**Warning.** Danger of death through electric shock!

- Must be installed by professional electrician.
- Disconnect power source.
- Cover or shield any adjacent live components.
- Ensure device cannot be switched on.
- Check power supply is disconnected.

## Maintenance

- Care and Cleaning
- To prolong the original appearance, suggest to clean the light fixture with clear water and a soft, damp cloth.
- Do not use paints, solvents, or other chemicals on this sensor. They could cause a premature deterioration and damage to the finish. This is not a defect in the finish and will not be covered by the warranty.
- Do not spray the sensor with a hose or power washer.

## Troubleshooting

- The load does not work:
  - Please check if the connection of power source and load is correct.
  - Please check if the load is good.
  - Please check if the settings of working light correspond to ambient light.
- The sensitivity is poor:
  - Please check if there is any hindrance in front of the detector to affect it to receive the signals.
  - Please check if the ambient temperature is too high.
  - Please check if the induction signal source is in the detection field.
  - Please check if the installation height corresponds to the height required in the instruction.
  - Please check if the moving orientation is correct.
- The sensor can not shut off the load automatically:
  - Please check if there is continual signal in the detection field.
  - Please check if the time delay is set to the maximum position
  - Please check if the power corresponds to the instruction

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

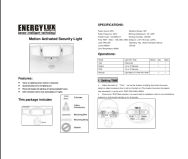
**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body

Documents / Resources

	<a href="#">Shenzhen Ustellar Technology UT88105 Motion Activated Security Light</a> [pdf] User Manual UT88105, 2AWON-UT88105, 2AWONUT88105, UT88105 Motion Activated Security Light, Motion Activated Security Light, Security Light, Light
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