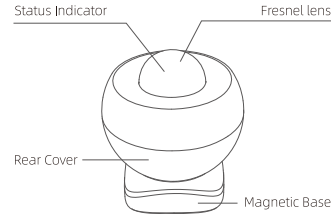


PIR Motion Detector

User Manual

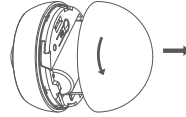


Product Description

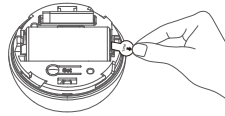


Network Setting

1. Power on the product.

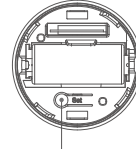


Rotate the battery cover anticlockwise to open.



Remove the battery insulation film to power on the product, the red LED will flash slowly for self-checking for one minute.

2. Press the reset button for 3s and release, the green LED will flash for network setting. The green LED will be on for 3s then turns off to indicate network setting succeeds. If fails, the green LED is off.



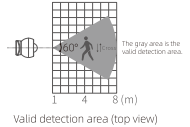
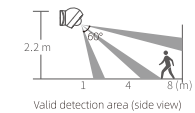
Press the reset button for 3s then release.

3. Installation Instructions:
(1) After powered on, the product will enter selfchecking state and the red LED will flash for 60s.
(2) After self-checking, the product enters test mode for 5 minutes. When it detects human motion, the red LED flash and sends an alarm signal.

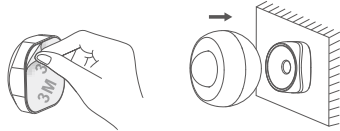
(3) During working status, press set button, the red LED flash once, then enter testing mode.
(4) After testing mode, the detector enters working mode, and no motion status. When human motion is detected, the red LED is on and sends an alarm signal. After the alarm, if continuous motion is detected, it won't send an alarm signal. Until no motion is detected for 1 minute, it restores to no motion status and working mode.

Installation Instructions

1. Installation position: Install the product where persons may cross to be detected. It is recommended that the product be about 2.2m above the ground, as shown in the following figure.



2. Product installation: Remove the protective film from the adhesive on the base and attach the base to the installation position. Correctly mount the product to the base.



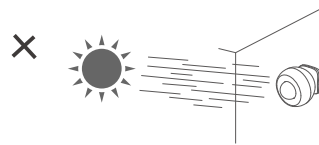
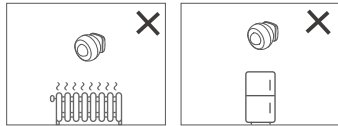
Remove the protective film from the adhesive on the base.

Mount the product on the magnetic base.

3. Matters need attention

- (1) Ensure that there are no obstacles in front of the product's lens. Otherwise, the detection result may be inaccurate.
- (2) Wireless distance between detector and gateway will be shorten if there is obstacles such as walls.

(3) Install the product away from objects that may cause temperature changes, such as the air conditioner, fan, refrigerator, and oven. Do not expose the product to the sun.



Technical Parameters

Model No	ZM516
Wireless Technology	Zigbee 3.0
Working Voltage	DC 3V (CR123A battery)
Transmission Frequency	2.4 GHz
Working Temperature	-10°C to +55°C
Low battery alarm	support
Detection Radius	8m
Detection Angle	60°
Installation Height	2.2 m
Dimensions	Φ50mm x 55mm

Toxic or Hazardous Substances or Elements of this Product

Component Name	Toxic or Hazardous Substances or Elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr (VI))	Polybrominated biphenyls (PBBs)	Polybrominated diphenyl ethers (PBDEs)
LED	0	0	0	0	0	0
PCB	0	0	0	0	0	0
Cover and other components	0	0	0	0	0	0

This table complies with SJ/T 11364.
O: indicates that the toxic or hazardous substance amount contained in all homogeneous materials of a component does not exceed that stipulated in GB/T 26572.
X: indicates that the toxic or hazardous substance amount contained in at least one of the homogeneous materials of a component exceeds that stipulated in GB/T 26572.

Warranty Certificate

Warranty policy:

1. If the product has quality problems within 7 days of the payment date, you can apply for a refund based on the invoice price or to replace with the same model or have it repaired..
2. If the product has quality problems within 15 days of the payment date, you can apply to replace the product with the same model or have it repaired.
3. If the product has quality problems within 12 months of the payment date, you can apply to have it repaired.

What is not covered under this warranty:

1. The product owner has no warranty certificate or the warranty service has expired.
2. Damage caused by improper use, maintenance, or storage
3. Damage caused by disassembly and repair without Tuya's authorization
4. Damage caused by force majeure
5. Normal discoloration and depreciation after the product has been used