

Quick Start Guide

Solar-Powered Security Camera Kit

7100001665 REV1.0.0

*Images may differ from your actual product.

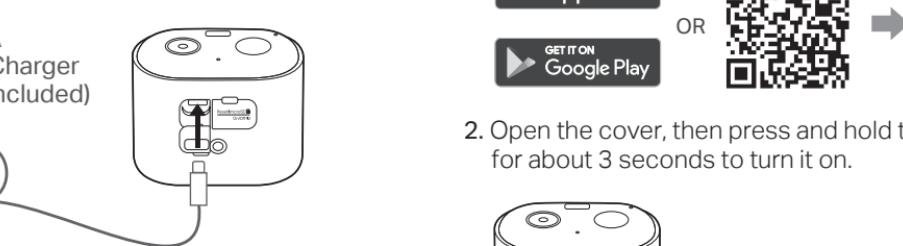


Visit www.mercusys.com/support/
for technical support, the user guide,
warranty, and more information



1 Charge the Battery

The battery comes partially charged. We recommend that you fully charge the battery before use. This will take about **five and a half** hours.



Note:

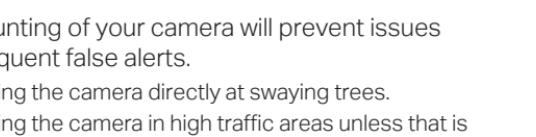
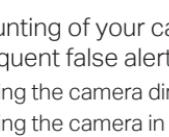
1. Peel off film from the camera before use.
2. Prior to mounting your camera, fully charge the battery using the included USB cable. (Some 3rd party cables may result in slow or failed charging.)
3. Warning: Do not tear off the silicone part by force as it may affect the waterproof and dustproof performance.
4. When plugged in, the LED will quickly blink in amber for 3 seconds. If not, make sure the power is running and check your connection.
5. Keep the ports firmly covered when not in use to ensure waterproof and dustproof performance.
6. The camera may not power up after falling. Plug in the USB charger to power it on again.
7. Check the battery status on the MERCUSYS app after setup.

2 Set Up the Camera

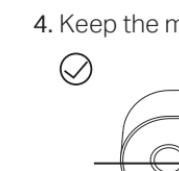
1. Get the MERCUSYS app from the App Store or Google Play, and log in.



OR



2. Open the cover, then press and hold the On/Off button for about 3 seconds to turn it on.

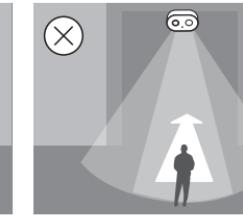


On/Off Button

3. Open the MERCUSYS app, tap +, select Add Camera, then choose your model in the app. Follow the in-app instructions to complete setup.

3 Camera Mounting Tips

1. Avoid placing behind windows/glass. Windows and glass can block the motion sensor of your camera, preventing motion detection.



2. Proper mounting of your camera will prevent issues such as frequent false alerts.

- Avoid pointing the camera directly at swaying trees.
- Avoid pointing the camera in high traffic areas unless that is the desired monitoring location.
- Avoid pointing the camera directly at streetlights or sunlight.

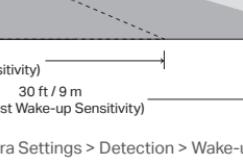
3. Do not place the camera upside down.



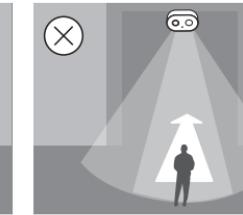
4. Keep the motion sensor level for best results.



5. Tilt the camera downwards at an angle of about 20°.



6. Mounting your camera at an angle so movement crosses the lens's field of view will provide more accurate motion detection and AI detection.

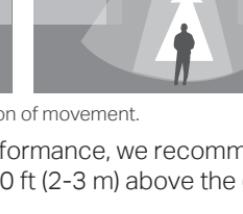


4 Mount Camera

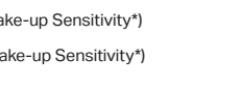
Option 1: Set on a level surface

Place the camera on your desired level surface.

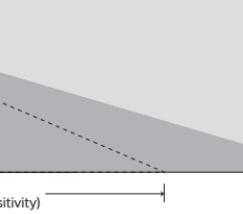
1. Screw the camera onto the bracket.



2. For optimal detection performance, we recommend mounting the camera 7-10 ft (2-3 m) above the ground.



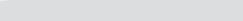
3. Secure the bracket.



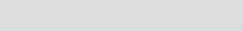
- PIR Detection Zone (Default Wake-up Sensitivity*)



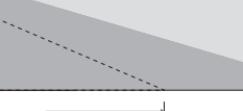
- PIR Detection Zone (Highest Wake-up Sensitivity*)



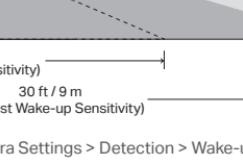
- Camera Field of View



4. Install the camera.



Install the camera on the base, adjust the angle by loosening the base, and secure it by tightening.



*You can adjust the sensitivity in Camera Settings > Detection > Wake-up Sensitivity.

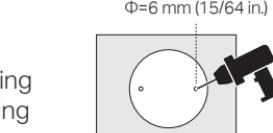
Option 2: Mount on a wall

1. Drill holes

Stick the mounting template sticker to the desired mounting place. Drill two holes according to the template.



Φ 6 mm (1/5 in.)



2. Unscrew the base

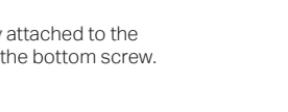
Unscrew the base from the mounting bracket.

3. Secure the bracket

Insert two anchors into the holes and use the screws to fix the bracket over the anchor. Screw the base onto the bracket.

4. Install the camera

Install the camera on the base, adjust the angle by loosening the base, and secure it by tightening.

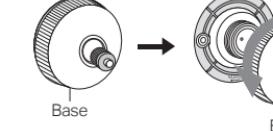


Ensure the camera is securely attached to the camera bracket by tightening the bottom screw.



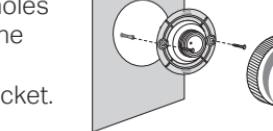
Base

Bracket



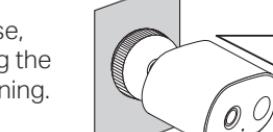
Base

Bracket



Base

Bracket



Base

Bracket

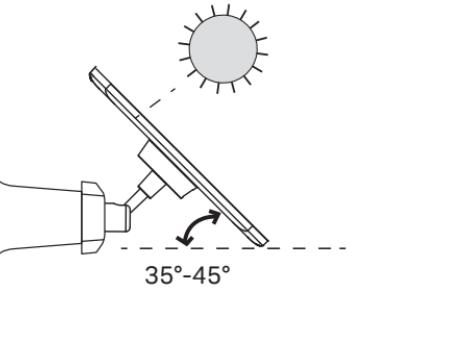


Flip the page over to continue.

5 Solar Panel Mounting Tips

The position and tilt angle of the solar panel greatly affect the solar efficiency.

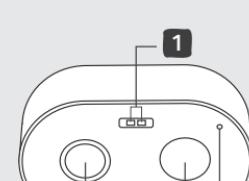
1. Choose a location where it gets the most sunlight throughout the year.
2. Position the panel south-facing in the Northern Hemisphere or north-facing in the Southern Hemisphere. The recommended tilt angle between the panel and the horizontal ground is $35^{\circ} \sim 45^{\circ}$.
3. Regularly wipe the panel to remove dust and debris.



6 Install Solar Panel

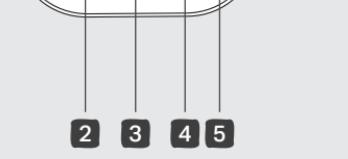
1. Drill Holes

Stick the solar panel mounting template sticker to the desired mounting place. Drill three holes according to the template.



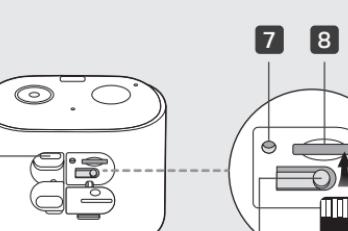
2. Mount Bracket

Insert three mounting anchors into the holes and use the mounting screws to affix the bracket over the anchors.



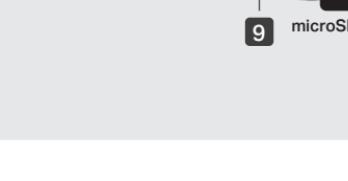
3. Install the Solar Panel

Install the solar panel on the mounting bracket, rotate the adjustable screw but keep it loose, tilt the solar panel to adjust the angle, then tighten the adjustable screw.

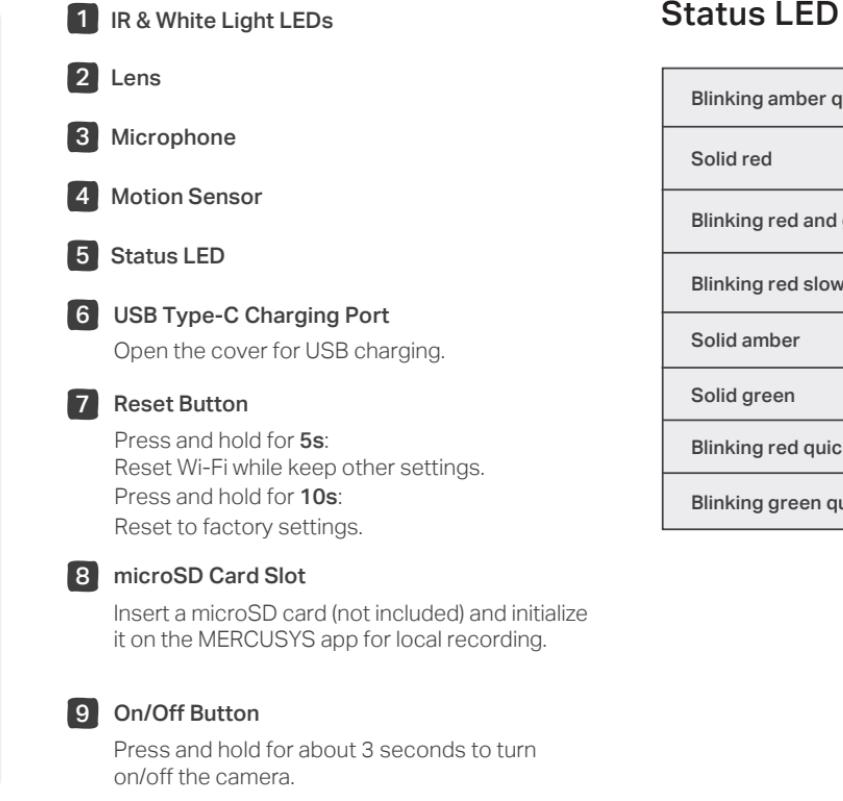


4. Connect to Camera

Connect the solar panel by inserting the connector into the camera charging port until snug.



Camera Appearance



1 IR & White Light LEDs

2 Lens

3 Microphone

4 Motion Sensor

5 Status LED

6 USB Type-C Charging Port

Open the cover for USB charging.

7 Reset Button

Press and hold for 5s:

Reset Wi-Fi while keep other settings.

Press and hold for 10s:

Reset to factory settings.

8 microSD Card Slot

Insert a microSD card (not included) and initialize it on the MERCUSYS app for local recording.

9 On/Off Button

Press and hold for about 3 seconds to turn on/off the camera.

For Solar Panel:

- Keep the device away from fire or hot environments. Do not immerse water or any other liquid.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.

CAUTION!

Avoid placement of a battery within or near any metal parts that can be a safety hazard.

Avoid disposal of a battery into a fire or oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

Do not leave a battery in an extremely high temperature surrounding environment that can result in an explosion or leakage of flammable liquid or gas. Do not leave a battery in an environment that can be subjected to extremely low air pressure that may result in an explosion or leakage of flammable liquid or gas.

For Camera:

Mercusys hereby declares that Solar Panels is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2015/16/EU and (EU) 2015/36/EU. Mercusys hereby declares that Solar Panels is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulation 2014/30/EU and the Radio Equipment Regulation 2017/2453/EU.

The original EU declaration of conformity may be found at <http://www.mercusys.com/certification>.

The original UK declaration of conformity may be found at <http://www.mercusys.com/support/ukca/>.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use the product with care and operate it on your own risk.

Mercusys hereby declares that Battery Camera is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2015/16/EU and (EU) 2015/36/EU.

The original EU declaration of conformity may be found at <http://www.mercusys.com/certification>.

Mercusys hereby declares that Battery Camera is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulation 2017/2453/EU.

The original UK declaration of conformity may be found at <http://www.mercusys.com/support/ukca/>.

해당 선설비는 윤·중·한·신 가능성이 있음.



© 2025 MERCUSYS