

Quick Start Guide

Solar-Powered Security Camera Kit

7100001665 REV1.0.0

*Images may differ from your actual product.

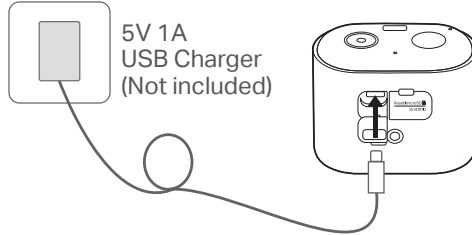


Visit www.mercusys.com/support/ for technical support, the user guide, warranty, and more information



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:

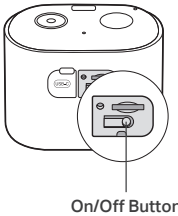
1. Peel off film from the camera before use.
2. Prior to mounting your camera, fully charge the battery using the included USB cable. (Some 3rd party cables may result in slow or failed charging.)
3. Warning: Do not tear off the silicone part by force as it may affect the waterproof and dustproof performance.
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.



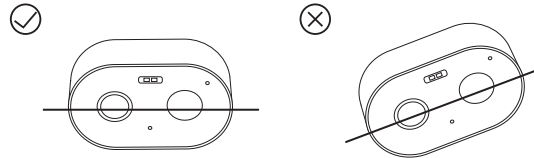
2. Open the cover, then press and hold the On/Off button for about 3 seconds to turn it on.



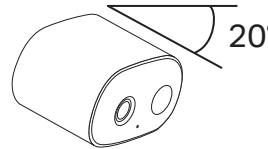
3. Open the MERCUSYS app, tap + , select Add Camera, then choose your model in the app. Follow the in-app instructions to complete setup.

3 Camera Mounting Tips

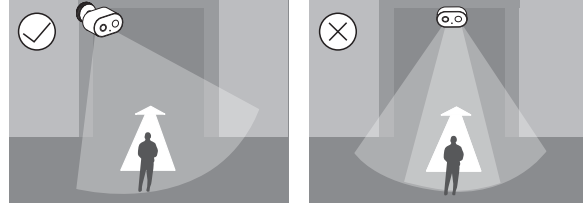
1. Avoid placing behind windows/glass. Windows and glass can block the motion sensor of your camera, preventing motion detection.
 - Avoid pointing the camera directly at swaying trees.
 - Avoid pointing the camera in high traffic areas unless that is the desired monitoring location.
 - Avoid pointing 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°.



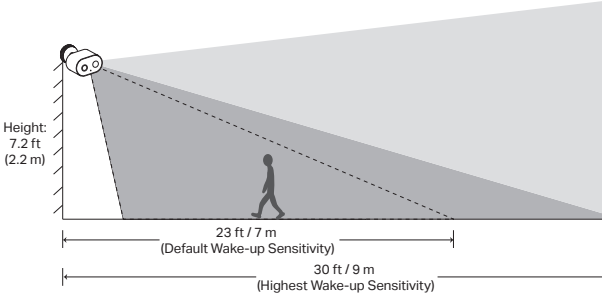
6. Mounting your camera at an angle so movement crosses the lens's field of view will provide more accurate motion detection and AI detection.



*Do not mount facing the direction of movement.

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

- PIR Detection Zone (Default Wake-up Sensitivity*)
- PIR Detection Zone (Highest Wake-up Sensitivity*)
- Camera Field of View



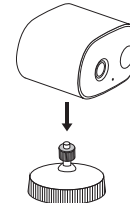
*You can adjust the sensitivity in Camera Settings > Detection > Wake-up Sensitivity.

4 Mount Camera

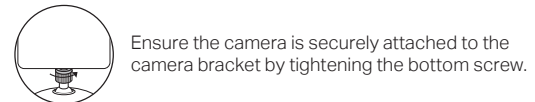
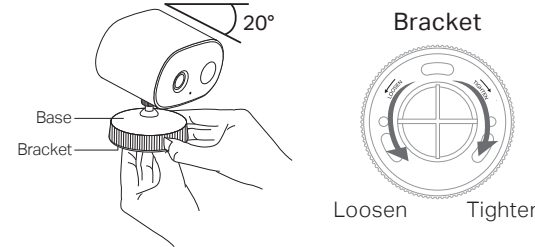
Option 1: Set on a level surface

Place the camera on your desired level surface.

1. Screw the camera onto the bracket.



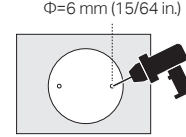
2. Loosen the base, adjust the camera to the desired angle, and tighten the base to secure.



Option 2: Mount on the wall

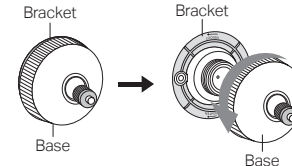
1. Drill Holes

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



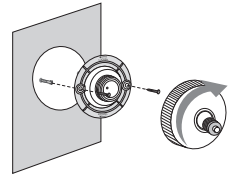
2. Unscrew the Base

Unscrew the base from the mounting bracket.



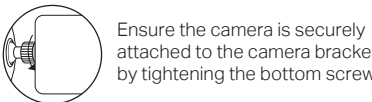
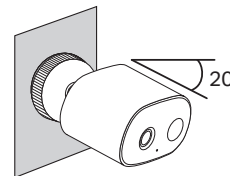
3. Secure the Bracket

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



4. Install the Camera

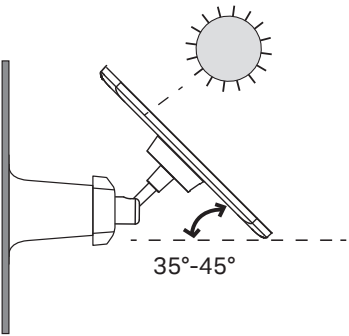
Install the camera on the base, adjust the angle by loosening the base, and secure it by tightening.



5 Solar Panel Mounting Tips

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

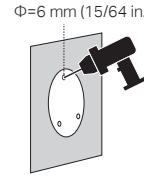
1. Choose a location where it gets the most sunlight throughout the year.
2. Position the panel south-facing in the Northern Hemisphere or north-facing in the Southern Hemisphere. The recommended tilt angle between the panel and the horizontal ground is 35° ~ 45°.
3. Regularly wipe the panel to remove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



6 Install Solar Panel

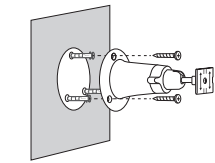
1. Drill Holes

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



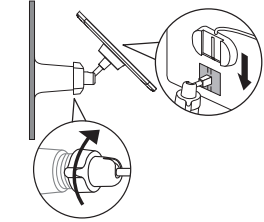
2. Mount Bracket

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



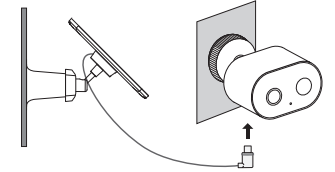
3. Install the Solar Panel

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.

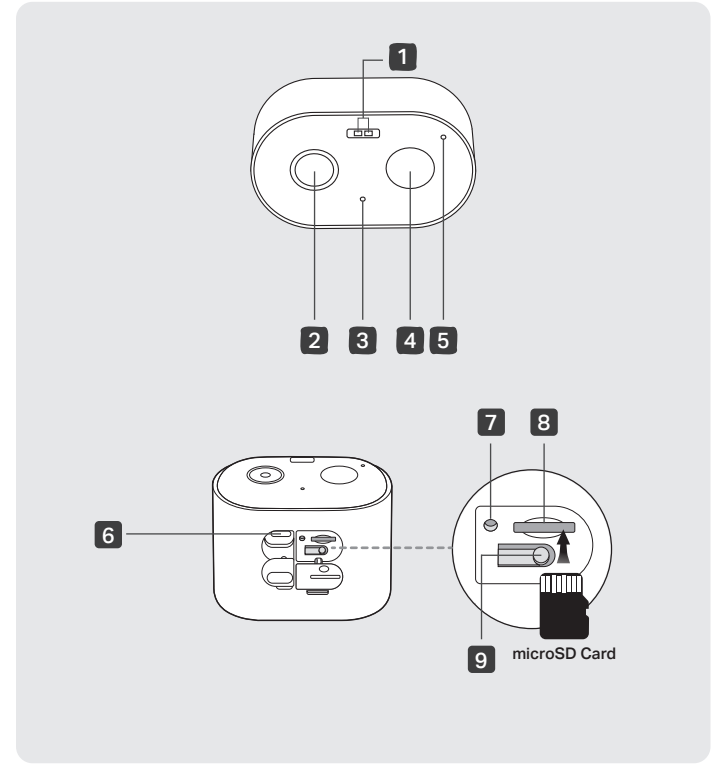


4. Connect to Camera

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.

Status LED Indicator

Blinking amber quickly for 3 seconds	Plugging in USB charger
Solid red	Starting up
Blinking red and green	Ready for setup
Blinking red slowly	Connecting to Wi-Fi
Solid amber	Connected to Wi-Fi
Solid green	Connected to the cloud
Blinking red quickly	Camera resetting
Blinking green quickly	Camera updating

For Solar Panel:

- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- This equipment shall be installed at a height of less than 2 meters (6.5 feet).

Mercusys hereby declares that Solar Panel is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2011/65/EU and (EU)2015/863. The original EU declaration of conformity may be found at <https://www.mercusys.com/en/ce/>

Mercusys hereby declares that Solar Panel is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.

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

For Camera:

- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Do not use the device where wireless devices are not allowed.
- Adapter shall be easily accessible.
- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not disassemble, repair or modify the product.
- Do not place near automatically controlled devices such as fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Observe restrictions on using wireless products in fuel depots, chemical plants or when blasting operations are in progress.
- Do not use liquid to clean the product. Only use a dry cloth.
- Never put metal objects inside the product. If a metal object enters the product turn off the circuit breaker and contact an authorised electrician.
- This product is not intended to be used when providing medical care. Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids to determine if they are adequality shielded from external RF (radio frequency) energy.
- Do not use this product in health care facilities. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long time unplug the product from the power outlet.
- This product may interfere with other electronic products such as TV, radios, personal computers, phones or other wireless devices.
- Operating Temperature: -20°C ~ 45°C (-4°F ~ 113°F)
- This equipment can be powered only by equipments that comply with Power Source Class 2 (PS2) or Limited Power Source(LPS) defined in the standard of IEC 62368-1.
- The adapter should be used indoors, ensuring that the ambient temperature does not exceed the allowable range specified for the purchased power adapter.

CAUTION!

Avoid replacement of a battery with an incorrect type that can defeat a safeguard.
Avoid disposal of a battery into fire or a hot 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 the leakage of flammable liquid or gas; Do not leave a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

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 this product with care and operate at your own risk.

Mercusys hereby declares that Battery Camera is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011 /65/EU and (EU) 2015/863. The original EU declaration of conformity may be found at <https://www.mercusys.com/en/ce/>

Mercusys hereby declares that Battery Camera is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017. The original UK declaration of conformity may be found at <https://www.mercusys.com/support/ukca/>

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