tp-link | tapo

Quick Start Guide

Solar-Powered Security Camera Kit

*Images may differ from actual products.

▶ **Setup Video**
Scan QR code or visit
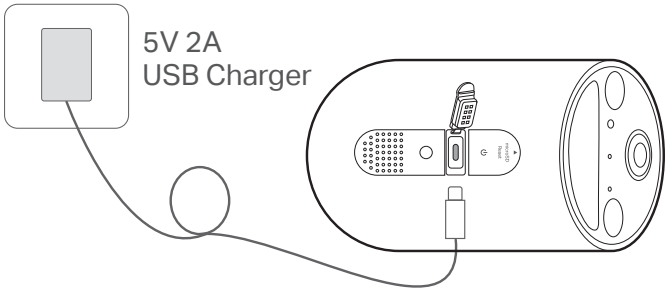https://www.tp-link.com/support/setup-video/#cloud-cameras

7100001135 REV1.2.0 ©2025 TP-Link

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.

5V 2A
USB Charger

Note:
1. Peel off film from the camera before use.
2. Charge the battery using the USB cable in the package. Inappropriate cables may result in slow charging or failure to charge.
3. Warning: Do not tear off the silicone part by force as it may affect the waterproof performance.
4. When you plug in the USB charger, the LED should blink amber quickly 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 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 Tapo app after setup.

2 Set Up the Camera

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

Download on the **App Store**

GET IT ON Google Play

OR

2. Press and hold ⏻ on your camera for about 3 seconds to turn it on. Open the Tapo app, tap the ⊕ button in the app, and select your model. Then follow the app instructions to set up your camera.
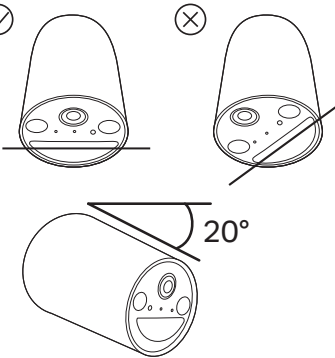
My Home ▾ ⊕

Camera Status LED Indication

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

3 Camera Mounting Tips

1. Avoid placing behind glass. Glass will obstruct the motion sensor of your camera.
2. Choose a proper location to mount your camera, or it will be triggered too often by false alarms.
   - Avoid pointing the camera directly at swaying trees.
   - Avoid pointing the camera directly at vehicles and pedestrians on the road.
   - Avoid pointing the camera directly at street lamps and 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°.

20°

6. Mount your camera to the side so that movement goes across the lens' field of view to better trigger motion detection and AI detection.
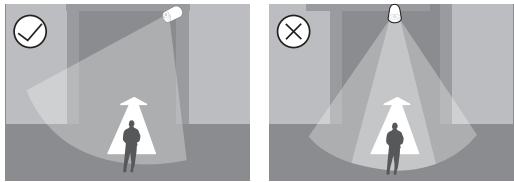
*Do not mount facing the direction of movement.

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

20°

Height: 7-10 ft (2-3 m)

23 ft / 7 m
(Default Wake-up Sensitivity)

30 ft / 9 m
(Highest Wake-up Sensitivity)
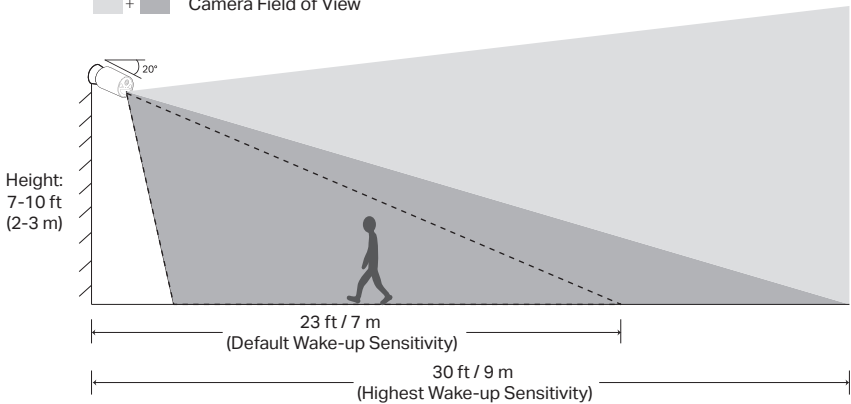
*You can adjust the sensitivity in Camera Settings > Detection > Wake-up Sensitivity. The FOV and PIR detection zone shown is based on camera mounted at 7.2 ft/2.2 m.
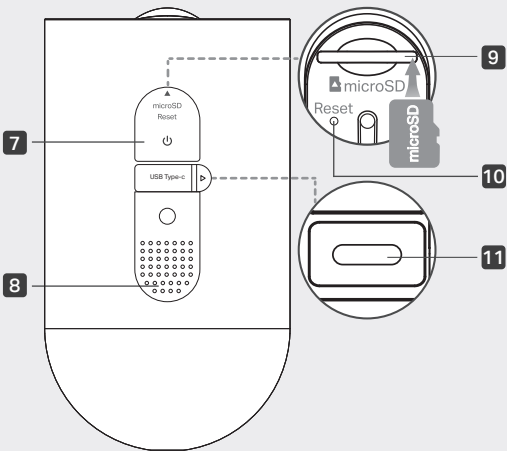
Appearance

Front
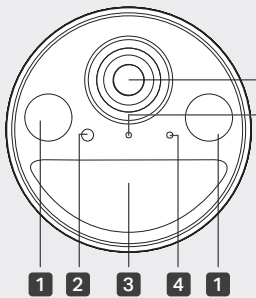
1 Spotlights
2 Light Sensor
3 Motion Sensor
4 Microphone
5 Lens
6 Status LED

Side

7 Power Button ⏻
Press and hold for about 3 seconds to turn on/off the camera.

8 Speaker

9 microSD Card Slot
Open the cover. Insert a microSD card* and initialize it on the Tapo app for local recording.
*microSD card not included.

10 Reset Button
Press and hold for **5s**: Reset Wi-Fi while keep other settings.
Press and hold for **10s**: Reset to factory settings.

11 USB Type-C Charging Port
Open the cover for USB charging.

microSD
Reset
USB Type-c

4 Solar Panel Mounting Tips

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

1. Choose a location where the solar panel gets the most sunlight throughout the year. Regularly wipe the panel to remove dust and debris.
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°.

5 Mounting Options

Option 1: Mount Solar Panel & Camera

1. Drill Holes
Stick the mounting template to a solid and level wall surface. Drill three screw holes according to the template.

Φ=6 mm (15/64 in.)
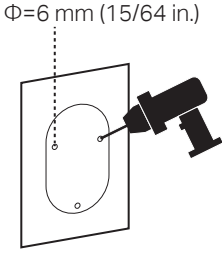
2. Mount Bracket
Insert three wall anchors into the holes and use the mounting screws to affix the solar panel bracket over the anchors. Then, insert two screw caps into the upper screw holes.

Screw Cap Orientation (√) (×)
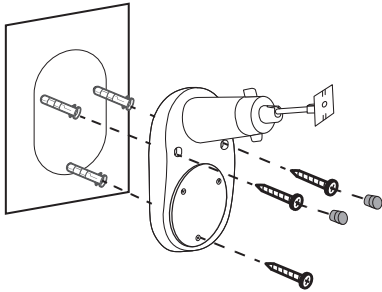
3. Install the Solar Panel
Slide the solar panel onto the mounting bracket until it clicks into place.

Back Side
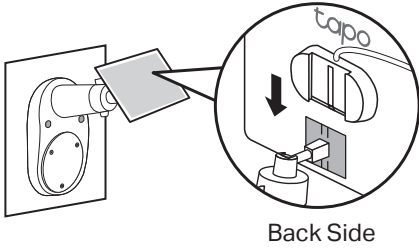
4. Adjust Solar Panel Angle
Loosen the adjustable screw, tilt the solar panel to adjust the angle, and then tighten the adjustable screw.
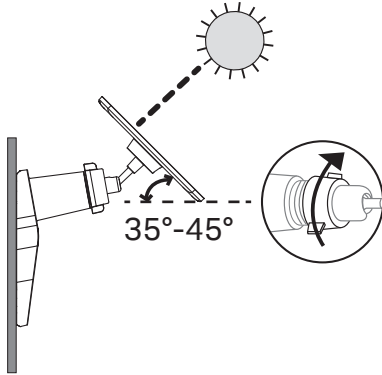
The recommended tilt angle between the panel and the horizontal ground is 35° ~ 45°.

35°-45°

5. Attach Camera & Adjust Angle
Magnetically attach the camera to the metal plate. Tilt the camera downwards at an angle of about 20°.

⚠ CAUTION
Strong Magnet. Crushing Hazard.

20°
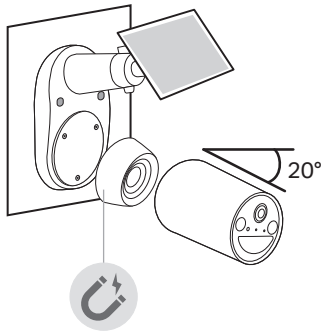
Option 2: Mount Camera Individually

You can detach the metal plate from the solar panel bracket for camera individual use.

1. Drill Holes
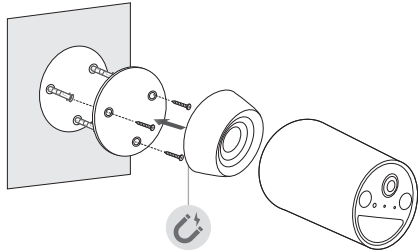Stick the mounting template to the desired mounting place. Drill 3 holes according to the template.

Φ=6 mm (15/64 in.)
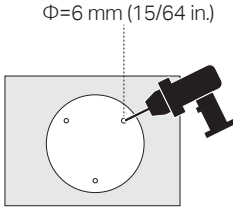
2. Install Camera
Insert 3 anchors into the holes and use the screws to affix the metal plate over the anchors. Then attach the camera to the plate.

⚠ CAUTION
Strong Magnet. Crushing Hazard.

6 Connect to the Camera

Use the appropriate waterproof gasket when connecting the solar panel to your camera. The gasket protects your camera from exposed moisture and dust that may damage the camera.

1. Install Waterproof Gasket
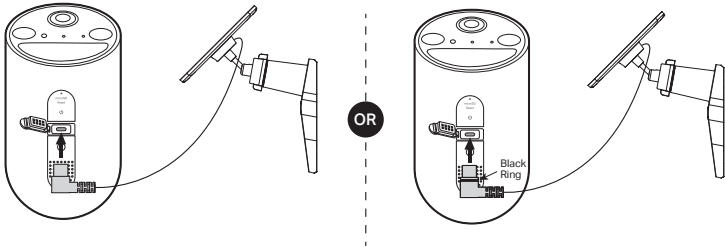Insert the waterproof gasket into the camera's charging port. Ensure that the gasket is tightly sealed.
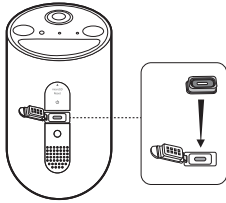
2. Power On Camera
Connect the solar panel by inserting the connector into the charging port until snug.

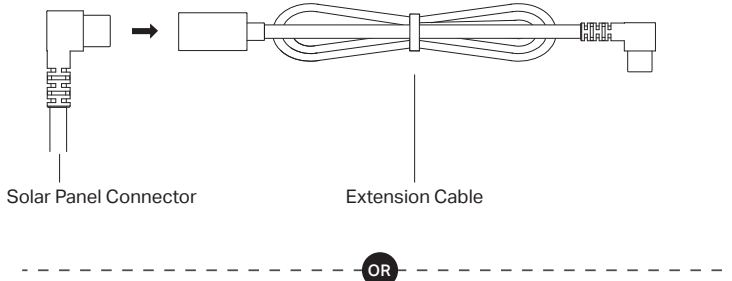**Verison A: Without Black Ring**   **Verison B: With Black Ring**

OR

Black Ring

Note:
If you see a black ring on the connector, ensure it's properly installed.
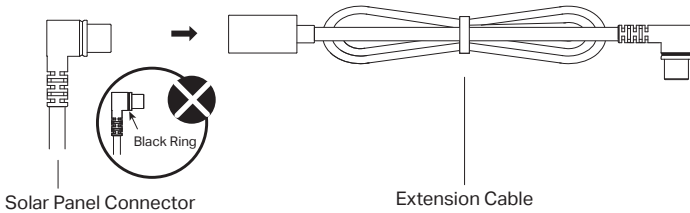Both versions offer the same waterproof performance.

Use extension cable if the power cable is too short...

If you see a black ring on the connector, remove the black ring first.
Insert the connector (without the black ring) into the extension until snug, and use the appropriate gasket when connecting the solar panel to your camera.

Verison A: Connect Directly

Solar Panel Connector   Extension Cable

OR

Verison B: Remove black ring then connect

Black Ring

Solar Panel Connector   Extension Cable

📞 Support

For technical support, the user guide, FAQs, warranty and more, please visit **https://www.tapo.com/support/**