

# Solar-Powered Security Camera Kit

**2K**  
Resolution

Tapo C410 KIT



Continuous Solar Charging

Free AI  
Detection

Color Night  
Vision

Weather  
Resistant

works with alexa

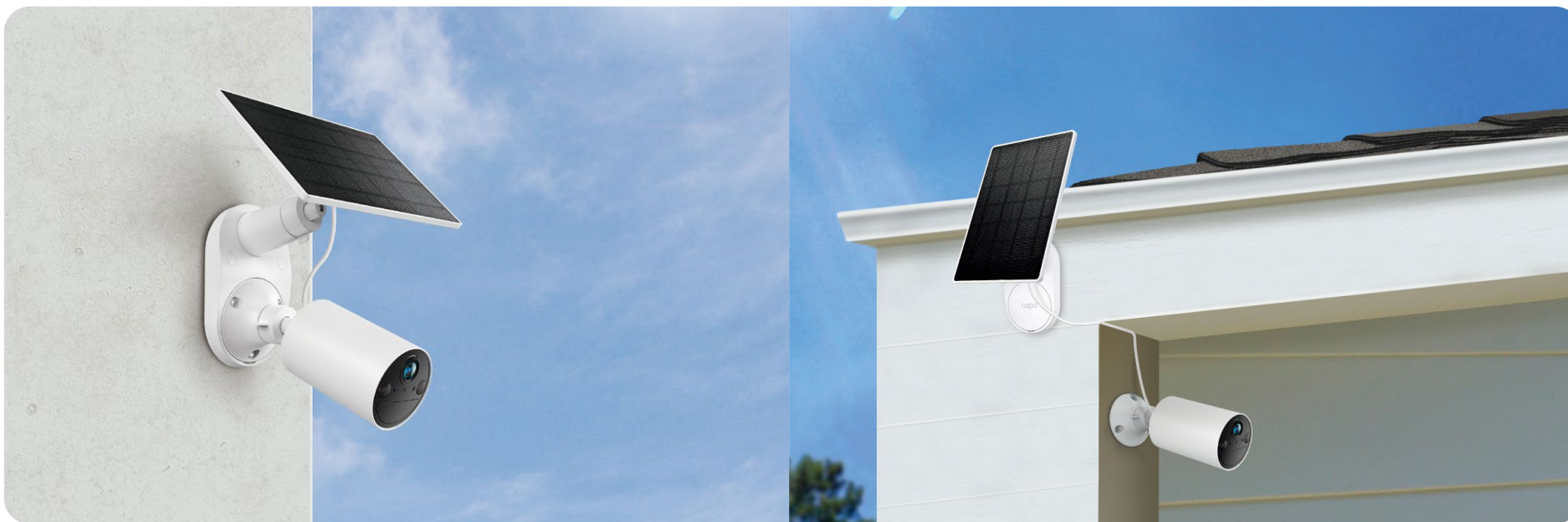
works with Google Home



## // Highlight

### Continuous Solar Power with Flexible Installation

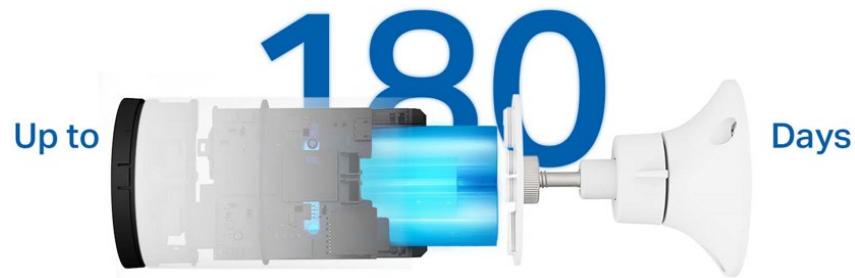
The innovative solar panel design offers versatile installation. Unify your setup into a single, sleek unit or install individually, connected by a 4-meter charging cable, ensuring maximum sunlight absorption.



## // Highlight

### Enduring Power for Continuous Security

With its built-in rechargeable battery, the Tapo camera reduces the frequency of recharges, providing up to 180 days of uninterrupted performance on a single charge.<sup>†</sup>



### Built to Withstand Rain and Heat

Tapo camera is IP65-rated for dust and water resistance, withstanding rain, snow, dust, bright sunshine, and other harsh weather conditions from -4 to 113°F (-20 to 45°C).



## // Highlight

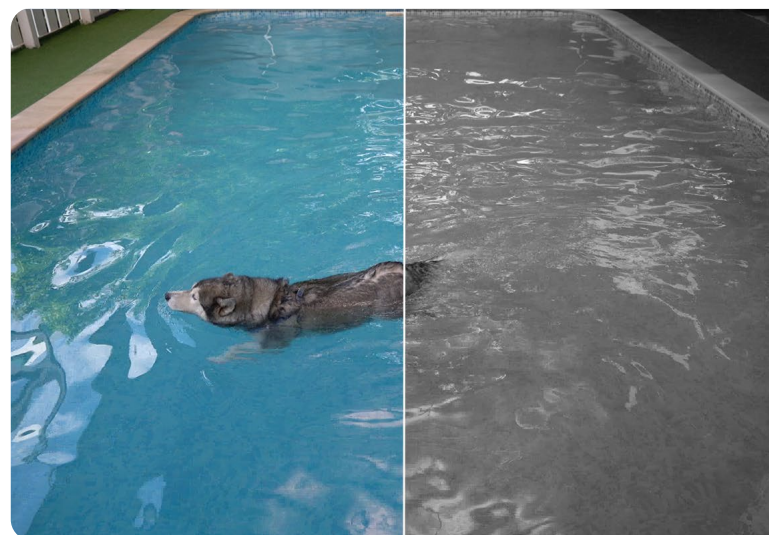
### Crisp Clear Details with 2K Clarity

Captures more details and delivers high-definition pictures with a 2304×1296 px resolution.



### Full-Color View, Day and Night

Enhances your security by revealing brighter, color images and vivid details with built-in spotlights even at night.



## // Features



### Wire-Free Design

Enjoy unparalleled security with the freedom to monitor your space from any location without the limitations of outlets.



### High-Efficiency Solar Charging

Daily 45 minutes\* of direct sunlight charges the Tapo camera for all-day use. No sun? No problem—the built-in battery provides power for up to 180 days.†



### 2K 3MP Live View

Captures more details and delivers high-definition pictures with a 2304×1296 px resolution.△



### Smart Person Detection

Get alerts when a person is detected, reducing false alerts and unnecessary notifications, which also extends battery life.



### Two-Way Audio

Enables direct communication through a built-in microphone and speaker.



### Color Night Vision

Enhances your security by revealing vivid colors with built-in spotlights.



### Customizable Sound and Audio Alarm

Customize your alarm by recording your own audio and adjusting the brightness of the dual spotlights to suit your preferences.



### Local and Cloud Storage

Save recorded video on a microSD card (up to 512 GB)‡, no subscription required. Cloud storage§ is also supported for flexibility.



### IP65 Weatherproof

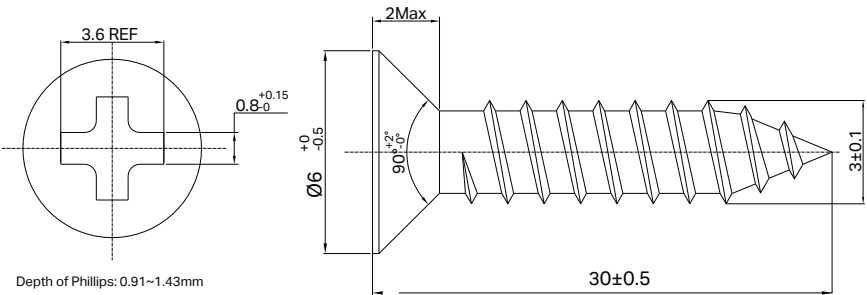
Performs well even in harsh environments with rain and dust, ideal for indoor/outdoor scenarios.

## // Specifications

|                          |                               |   |
|--------------------------|-------------------------------|---|
| <b>Camera</b>            | <b>Image Sensor</b>           | 1/2.8" Progressive Scan CMOS Starlight Sensor   |
|                          | <b>Lens</b>                   | Focal Length: 3.17 mm<br>Aperture: F1.65<br>Field of View: 125° (Diagonal), 111° (Horizontal), 56° (Vertical) |
|                          | <b>Night Vision</b>           | 850 nm IR LED (30 ft / 9.1 m)<br>Color Night Vision   |
|                          | <b>Day/Night Switch</b>       | IR Mode / Full-Color Mode   |
|                          | <b>Lighting</b>               | 2× Spotlights (4× Built-in LEDs)  |
| <b>Solar Panel</b>       | <b>Interface &amp; Button</b> | 1× POWER Button<br>1× RESET Button<br>1× microSD Card Slot (Up to 512 GB)                                     |
|                          | <b>Connection Capacity</b>    | A solar panel can only connect to one camera.   |
|                          | <b>Output Port</b>            | Type-C  |
| <b>Video &amp; Audio</b> | <b>Maximum Resolution</b>     | 2K 3MP (2304 × 1296 px)   |
|                          | <b>Frame Rate</b>             | 15fps   |
|                          | <b>Video Compression</b>      | H.264   |
|                          | <b>Live View</b>              | Yes   |
|                          | <b>Image Enhancement</b>      | 3D DNR<br>WDR   |

|                                     |                       |   |
|-------------------------------------|-----------------------|---|
| <b>Video &amp; Audio</b>            | Audio Input & Output  | Built-in Microphone and Speaker   |
|                                     | Audio Communication   | Two-Way Audio with Noise Cancellation   |
|                                     | Siren Volume          | 94 dB (Level measured at 4-inch/10-cm distance)                               |
| <b>Storage</b>                      | Local Storage         | microSD Card Slot on Camera (Up to 512 GB)                                    |
|                                     | Cloud Storage         | Tapo Care Cloud Storage Services (Subscription required)                      |
| <b>Detection &amp; Notification</b> | Sensor                | Single Motion Sensor (FOV: 110° horizontal)<br>Single Ambient Light Sensors   |
|                                     | Detection             | Motion Detection<br>AI Detection (Person Detection)                           |
|                                     | Activity Zones        | Yes   |
|                                     | Output Notification   | System Notification<br>System Notification with Snapshot (Tapo Care Services) |
| <b>Network</b>                      | Network Connectivity  | Connect via Wi-Fi   |
|                                     | Wireless Connectivity | IEEE 802.11b/g/n, 2.4 GHz Wi-Fi   |
|                                     | Transmission Rate     | 11b: 11 Mbps<br>11g: 54 Mbps<br>11n: 72.2 Mbps                                |
|                                     | Protocol              | TCP/IP, ICMP, DNS, HTTPS, TCP, UDP  |
| <b>Security</b>                     | Security              | 128-bit AES Encryption with SSL/TLS<br>WPA/WPA2-PSK                           |

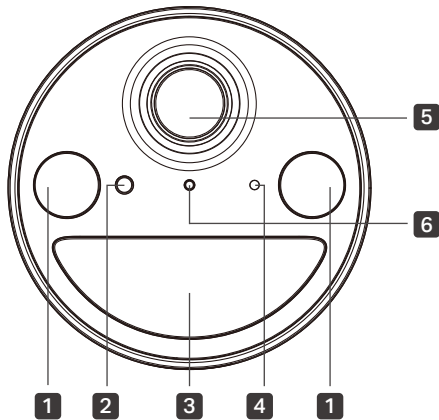
|                |                           |   |
|----------------|---------------------------|---|
| <b>Power</b>   | Power Source              | Built-in Rechargeable Lithium-ion Battery<br>Optional Solar Panel: Tapo A201 (Sold separately), Tapo A200 (Sold separately) |
|                | Input Voltage             | Adapter Input: 100-240 V, 50/60 Hz  |
|                | Output Voltage            | Adapter Output: 5.0 V, 1.0 A  |
|                | Power Cord Length         | USB Adapter Cable Length: 0.5 m (19.68 in.)   |
|                | Typical Power Consumption | Camera Typical Power Consumption: 1.04 W  |
|                | Maximum Power Consumption | Camera Max Power Consumption: 2.12 W  |
| <b>General</b> | Certifications            | CE, FCC, DOE, CEC, RCM, KC, NCC, BSMI, NTRA, IP65   |
|                | Smart Integration         | Google Assistant, Amazon Alexa  |
|                | Weather Resistance        | IP65  |
|                | System Requirements       | Tapo App: iOS 9.0 or higher, Android 4.4 or higher  |
|                | Mounting Options          | Tabletop<br>Ceiling-Mounted<br>Wall-Mounted   |
|                | Operating Temperature     | -20°C ~ 45°C (-4 °F ~ 113 °F )  |
|                | Storage Temperature       | -40°C ~ 60°C (-40 °F ~ 140 °F )   |
|                | Operating Humidity        | 10%~90% RH, Non-condensing  |

|         |                      |  |  |
|---------|----------------------|--|--|
| General | Storage Humidity     | 5%~90% RH, Non-condensing  |  |
|         | Charging Temperature | 0°C ~ 45°C (32 °F ~ 113 °F )   |  |
|         | Dimensions           | Camera Dimensions: D60 mm*89 mm (D2.36 in. * 3.5 in.)<br>Solar Panel Dimensions: 173.42 × 120.42 × 15.7 mm (6.83 × 4.74 × 0.62 in)   |  |
|         | Weight               | Camera: 230 g<br>Tapo A201 Solar Panel: 140 g  |  |
|         | Screw Size           |  <p>Depth of Phillips: 0.91~1.43mm</p>   |  |
|         | Package Contents     | <p><b>For 1-pack:</b></p> <ul style="list-style-type: none"> <li>• Camera ×1</li> <li>• Tapo A201 Solar Panel ×1</li> <li>• Tapo A201 Solar Panel Bracket ×1</li> <li>• USB Adapter Cable ×1</li> <li>• Base Cover ×1</li> <li>• Extension Wire ×1</li> <li>• Mounting Screws ×6</li> <li>• Mounting Anchors ×6</li> <li>• Waterproof Seals ×2</li> <li>• Screw Caps ×2</li> <li>• Cable Zip Tie ×1</li> <li>• Mounting Templates ×2</li> <li>• Quick Start Guide</li> </ul> | <p><b>For 2-pack:</b></p> <ul style="list-style-type: none"> <li>• Camera ×2</li> <li>• Tapo A201 Solar Panel ×2</li> <li>• Tapo A201 Solar Panel Bracket ×2</li> <li>• USB Adapter Cable ×1</li> <li>• Base Covers ×2</li> <li>• Extension Wires ×2</li> <li>• Mounting Screws ×12</li> <li>• Mounting Anchors ×12</li> <li>• Waterproof Seals ×4</li> <li>• Screw Caps ×4</li> <li>• Cable Zip Tie ×2</li> <li>• Mounting Templates ×4</li> <li>• Quick Start Guide</li> </ul> |

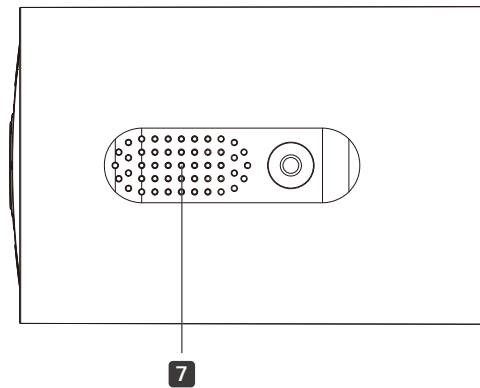
|                       |                         |   |   |
|-----------------------|-------------------------|---|---|
| <p><b>General</b></p> | <p>Package Contents</p> | <p><b>For 3-pack:</b></p> <ul style="list-style-type: none"> <li>• Cameras × 3</li> <li>• Tapo A201 Solar Panels ×3</li> <li>• Tapo A201 Solar Panel Brackets ×3</li> <li>• USB Adapter Cable ×1</li> <li>• Base Covers ×3</li> <li>• Extension Wires ×3</li> <li>• Mounting Screws ×18</li> <li>• Mounting Anchors ×18</li> <li>• Waterproof Seals ×6</li> <li>• Screw Caps ×6</li> <li>• Cable Zip Ties ×3</li> <li>• Mounting Templates ×6</li> <li>• Quick Start Guide</li> </ul> | <p><b>For 4-pack:</b></p> <ul style="list-style-type: none"> <li>• Cameras × 4</li> <li>• Tapo A201 Solar Panels ×4</li> <li>• Tapo A201 Solar Panel Brackets ×4</li> <li>• USB Adapter Cable ×1</li> <li>• Base Covers ×4</li> <li>• Extension Wires ×4</li> <li>• Mounting Screws ×24</li> <li>• Mounting Anchors ×24</li> <li>• Waterproof Seals ×8</li> <li>• Screw Caps ×8</li> <li>• Cable Zip Ties ×4</li> <li>• Mounting Templates ×8</li> <li>• Quick Start Guide</li> </ul> |
|-----------------------|-------------------------|---|---|

## Camera Appearance

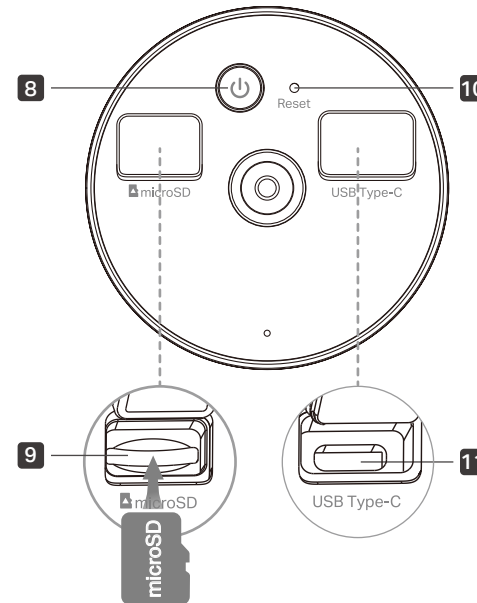
Front



Side



Back



- 1** Spotlights
- 2** Light Sensor
- 3** Motion Sensor
- 4** Microphone
- 5** Lens
- 6** Status LED
- 7** Speaker

- 8** Power Button Press and hold for about 3 seconds to turn on/off the camera.
- 9** microSD Card Slot
- 10** Reset Button Use a pin to press and hold for at least 5 seconds to reset the camera to factory default settings.
- 11** USB Type-C Charging Port

<sup>†</sup>The time of use includes recording and watching live views. 180-day battery life is based on Tapo laboratory tests with 250s of use per day. Actual battery life may vary due to device settings, usage, router specifications, and environmental factors.

<sup>‡</sup>microSD card purchased separately. Actual storage capacity depends on the size of the microSD card used.

<sup>§</sup>Subscribe for cloud storage at <https://www.tapo.com/tapocare/>

<sup>^</sup>Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.

Specifications are subject to change without notice. All brands and product names are trademarks or registered trademarks of their respective holders.

©2024 TP-Link