

# Solar-Powered Pan/Tilt Security Camera Kit

2K  
Live View

Tapo C610 KIT



## Wire-Free, Worry-Free, Solar-Powered

|                      |                                      |                             |                      |  |
|----------------------|--------------------------------------|-----------------------------|----------------------|--|
| 360° Motion Tracking | Detects People, Alerts You Instantly | See in Color, Day and Night | Rechargeable Battery | Free Local microSD Storage (Up to 512 GB)* |
|----------------------|--------------------------------------|-----------------------------|----------------------|--|



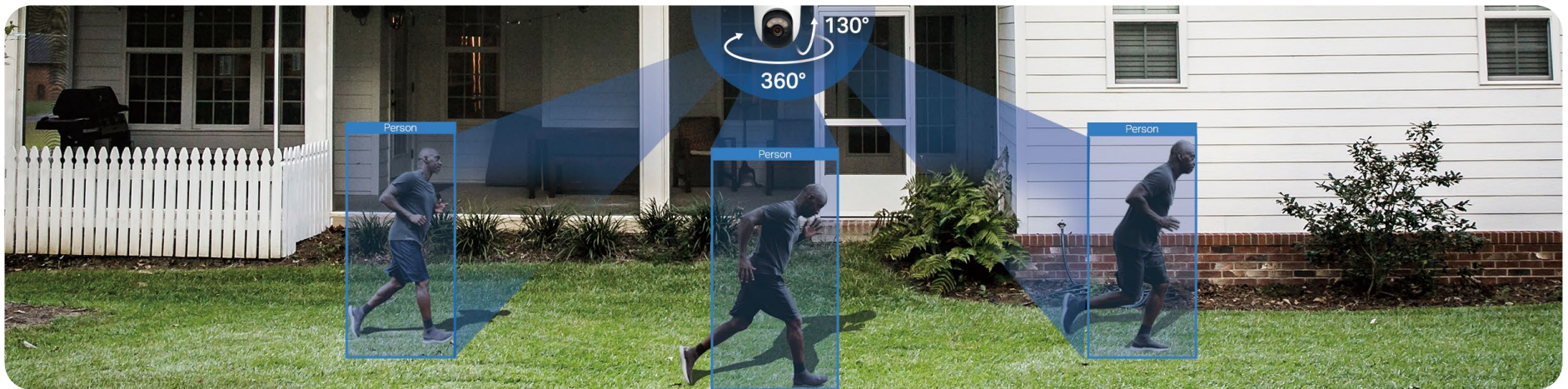
works with alexa

works with Google Home

## Highlights

### 360° Comprehensive Protection

Enjoy a 360° horizontal and 130° vertical viewing range, ensuring full coverage and eliminating blind spots. Set custom patrol points for dynamic, automated monitoring.



## Highlights

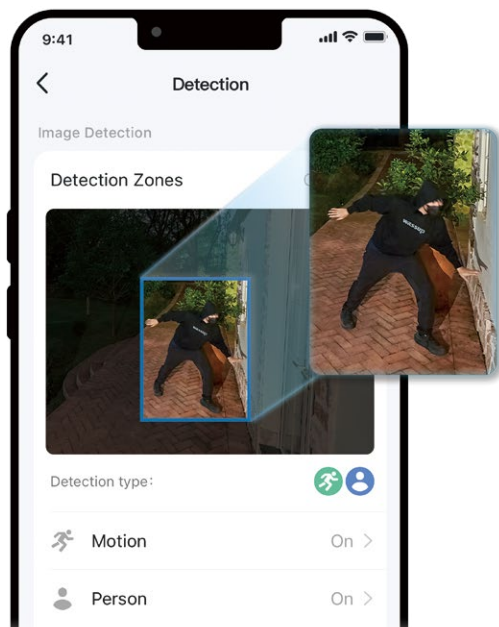
### Premium Features. Total Control. All in One App.

#### Smart Person Detection

Get instant alerts when a person is detected, reducing false alerts and unnecessary notifications.

#### Customizable Activity Zones

Set up customized detection zones to be alerted only in areas where you wish to monitor and block out zones you want hidden.



## Features



### Wire-Free Design

Enjoy unparalleled security with the flexibility to monitor any space—no outlets required.



### Smart Person Detection

Receive notifications only when a person is detected, reducing false alerts and prolonging battery life.



### 2K 3MP Live View

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



### Two-Way Audio

Talk and listen through the device with its integrated microphone and speaker.



### IP65 Weatherproof

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



### Color Night Vision

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



### High-Efficiency Solar Charging

Just 45 minutes§ of direct sunlight charges Tapo C610 for all-day use. No sun? No problem. The built-in battery provides power for up to 200 days.△



### Customizable Sound and Light Alarm

Record your voice and set the spotlight brightness to create an alarm that fits your needs.



### Local and Cloud Storage

Store footage on a microSD card (up to 512 GB)<sup>†</sup> without a subscription, or use cloud storage‡ for added convenience.

## // Specifications

|                          |                     |  |
|--------------------------|---------------------|--|
| <b>Camera</b>            | Image Sensor        | 1/2.8" Progressive Scan CMOS Sensor  |
|                          | Lens                | Focal Length: 4 mm ± 5%<br>Aperture: F1.6 ± 5%<br>Field of View: 100.6° (Diagonal), 84.4° (Horizontal), 44.3° (Vertical) |
|                          | Night Vision        | 850 nm IR LED<br>Color Night Vision  |
|                          | Day/Night Switch    | IR-Cut Filter with Auto-Switching  |
|                          | Lighting            | 2× Built-in Spotlights<br>Motion Activiated, App-Controlled  |
|                          | Interface & Button  | 1× POWER Button<br>1× RESET Button<br>1× microSD Card Slot (Up to 512 GB)  |
| <b>Solar Panel</b>       | Connection Capacity | A solar panel can only connect to one camera.  |
|                          | Output Port         | Type-C   |
| <b>Video &amp; Audio</b> | Maximum Resolution  | 2K (2304 × 1296 px)  |
|                          | Frame Rate          | 15 fps   |
|                          | Digital Zoom        | 10.8×  |
|                          | Live View           | Yes  |

|                                     |                                   |   |
|-------------------------------------|-----------------------------------|---|
| <b>Video &amp; Audio</b>            | Image Enhancement                 | 3DNR<br>WDR   |
|                                     | Audio Input & Output              | Built-in Microphone and Speaker   |
|                                     | Audio Communication               | Two-Way Audio with Noise Cancellation   |
|                                     | Siren Volume                      | 97.2 dBA (Level measured at 10 cm distance)<br>68.2 dBA (Level measured at 300 cm distance) |
| <b>Storage</b>                      | Local Storage                     | microSD Card Slot on Camera (Up to 512 GB, Purchase Separately)                             |
|                                     | Cloud Storage                     | Tapo Care Cloud Storage Services (Subscription required)                                    |
| <b>Detection &amp; Notification</b> | AI Detection                      | Motion Detection<br>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  |
|                                     | Wireless Communication Technology | Bluetooth (for setup only)<br>Wi-Fi   |
|                                     | Protocol                          | TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP   |

|                 |                                  |  |
|-----------------|----------------------------------|--|
| <b>Security</b> | Security                         | 128-bit AES Encryption with SSL/TLS<br>WPA/WPA2-PSK  |
| <b>Power</b>    | Power Source                     | Solar Panel, Built-in Rechargeable Lithium-ion Battery   |
|                 | Solar Panel Max Charging Voltage | 5.2 V  |
|                 | Solar Panel Max Charging Power   | 2.5 W  |
|                 | Camera Adapter Input             | 100-240 V, 50/60 Hz (Not Included)   |
|                 | Camera Adapter Output            | 5.0 V, 1.0 A (Not Included)  |
|                 | Power Cord Length                | USB Adapter Cable Length: 0.5 m (19.68 in.)<br>Solar Panel Charging Cable Length: 0.25 m (9.84 in.)<br>Solar Panel Extension Charging Cable Length: 3.8 m (149.61 in.) |
|                 | Camera Typical Power Consumption | 1.1 W  |
|                 | Camera Maximum Power Consumption | 3.2 W  |
| <b>General</b>  | Smart Integration                | Google Assistant, Amazon Alexa   |
|                 | Weather Resistance               | IP65   |
|                 | Mounting Options                 | Wall-Mounted<br>Eave-Mounted<br>Pole-Mounted (Pole-mounting loops are not included.)   |
|                 | Operating Temperature            | -20 °C ~ 45 °C (-4 °F ~ 113 °F)  |

|                |                     |  |
|----------------|---------------------|--|
| <b>General</b> | Storage Temperature | -40 °C ~ 60 °C (-40 °F ~ 140 °F)   |
|                | Operating Humidity  | 10% ~ 90% RH, Non-condensing   |
|                | Storage Humidity    | 0 ~ 90% RH, Non-condensing   |
|                | Mounting Screw Size |  |
|                | Dimensions          | Camera Dimensions: 141 x 128 x 84 mm (5.55 x 5.04 x 3.31 in.)<br>Solar Panel Dimensions: 173.4 x 120.4 x 15.7 mm (6.83 x 4.74 x 0.618 in.)   |
|                | Weight              | Camera: 15.13 oz / 429 g<br>Solar Panel: 5.08 oz / 144 g   |
|                | Package Contents    | Tapo C610 Camera × 1<br>Tapo A201 Solar Panel × 1<br>Tapo A201 Solar Panel Bracket × 1<br>Base Cover × 1<br>USB Adapter Cable × 1<br>Extension Wire × 1<br>Cable Zip Tie × 1<br>Mounting Screws and Anchors<br>Mounting Template Stickers<br>Quick Start Guide |

<sup>1</sup>microSD card purchased separately. Actual storage capacity depends on the size of the microSD card used.

<sup>2</sup>Subscribe for cloud storage at <https://www.tapo.com/tapocare/>

<sup>3</sup>45 min of sunlight is based on standard environmental conditions (1000W/m<sup>2</sup>, 25°C, AM1.5) and specified working scenes (up to 100 events triggered per day). Actual required time of sunlight may vary.

<sup>4</sup>200-day battery life is based on Tapo laboratory tests with 300s of use per day. The time of use includes recording and watching live views. Actual battery life may vary due to device settings, usage, router specifications, and environmental factors.

<sup>5</sup>Actual charging power may vary based on installation location, weather conditions, temperature, and other environmental factors.

<sup>\*\*</sup>The suitable operating temperature for the Solar Panel is -20°C to 45°C. The battery charging temperature should be maintained between 0°C and 45°C.

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