

# Solar-Powered Pan/Tilt Security Camera Kit

Tapo C660 KIT

4K  
Ultra HD



Forever-Powered, Enhanced with 4K

360° AI  
Tracking

Free Person/Pet/  
Vehicle Detection

Starlight Color  
Night Vision



works with alexa

works with Google Home

## // Highlights

### 360° AI Tracking

The camera provides 360° horizontal coverage and 90° vertical coverage. Accurately identifies and tracks people, pets, and vehicles, ensuring it focuses on what truly matters.



## // Highlights

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

Secure and control your home anywhere, anytime with the Tapo app. View live footage, speak to visitors, share clips, and easily tailor advanced settings.



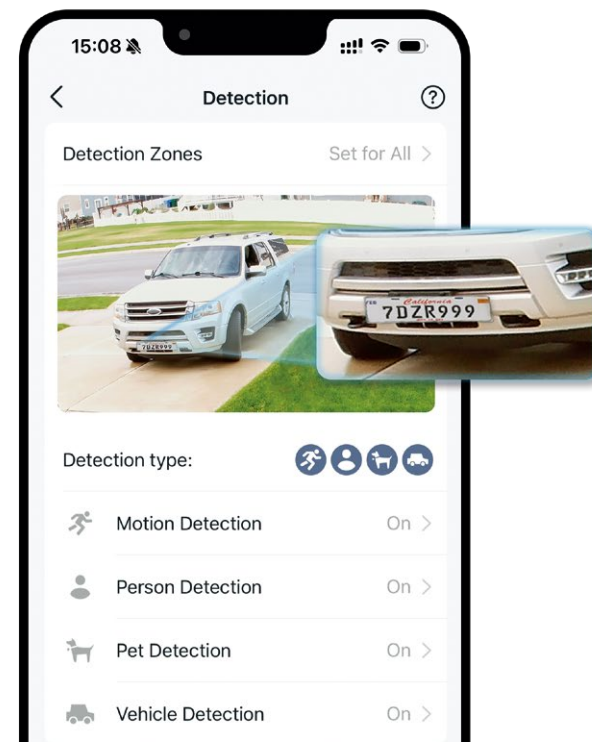
#### Free Person/Pet/Vehicle Detection

Identifies people, pets, and vehicles while only sending you alerts when truly needed.



#### Privacy Lock

Secure your microSD card with a password through the Tapo app for enhanced privacy protection.



## // Features



### 4K Crystal-Clear Surveillance

Capture every detail with precision. Tapo C660 KIT features 4K resolution and 18× digital zoom for superior clarity.



### Starlight Color Night Vision

Enhances your security by revealing brighter, full-color images and vivid details even in low-light conditions with built-in spotlights and the starlight sensor.



### High-Efficiency Solar Charging

Just 45 minutes of direct sunlight daily\* powers Tapo C660 for full-day use.



### Smart Playback

Swiftly find and download moments of interest by choosing the event type or sliding the timeline.



### Two-Way Audio

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



### Local and Cloud Storage

Store footage on a microSD card (up to 512 GB)<sup>†</sup> with no subscription required, or opt for cloud storage<sup>‡</sup> with a 30-day free trial for added convenience.



### Flexible Dual Band Connection

Experience seamless, lag-free 4K streaming with lightning-fast 5GHz or enhanced stability on 2.4GHz.



### Customizable Sound and Light Alarm

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



### Patrol Mode

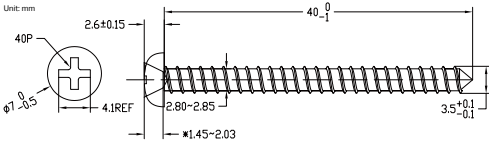
Assign points for the camera to patrol for dynamic monitoring.

## // Specifications

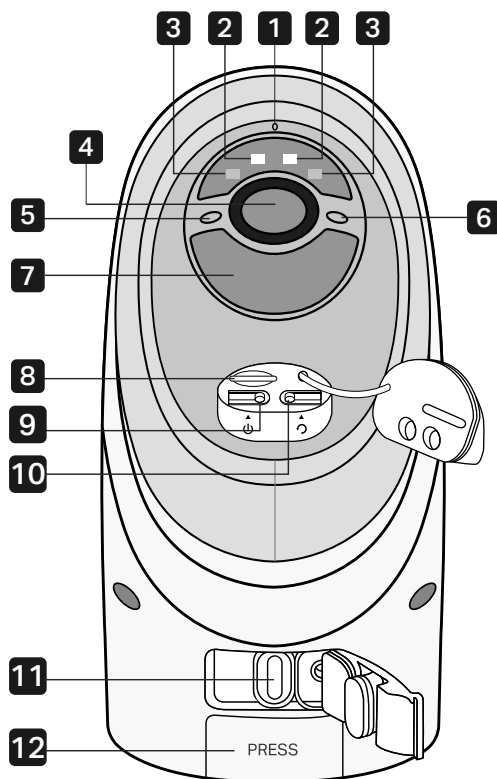
|                          |                     |                                                                                                                            |
|--------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>            | Image Sensor        | 1/2.7" Progressive Scan CMOS Starlight Sensor                                                                              |
|                          | Lens                | Focal Length: 4 mm $\pm$ 5%<br>Aperture: F1.6 $\pm$ 5%<br>Field of View: 105° (Diagonal), 88° (Horizontal), 45° (Vertical) |
|                          | Night Vision        | 850 nm IR LED (40 ft / 12 m)<br>Starlight Color Night Vision                                                               |
|                          | Day/Night Switch    | IR-Cut Filter with Auto-Switching                                                                                          |
|                          | Lighting            | 2× Built-in Spotlights<br>Motion Activated, 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  | 4K 8MP (3840 × 2160 px)                                                                                                    |
|                          | Frame Rate          | 15/20 fps                                                                                                                  |
|                          | Digital Zoom        | 18×                                                                                                                        |
|                          | Video Compression   | H.264                                                                                                                      |
|                          | Live View           | Yes                                                                                                                        |

|                          |                       |                                                                                             |
|--------------------------|-----------------------|---------------------------------------------------------------------------------------------|
| Video & Audio            | Image Enhancement     | 3DNR<br>WDR                                                                                 |
|                          | Audio Input & Output  | Built-in Microphone and Speaker                                                             |
|                          | Audio Communication   | Two-Way Audio with Noise Cancellation                                                       |
|                          | Siren Volume          | 93.3 dBA (Level measured at 10 cm distance)<br>72.3 dBA (Level measured at 300 cm distance) |
| Storage                  | Local Storage         | microSD Card Slot on Camera (Up to 512 GB, Purchase Separately)                             |
|                          | Cloud Storage         | Tapo Care Cloud Storage Services (Subscription required)                                    |
| Detection & Notification | AI Detection          | Motion Detection<br>Person Detection<br>Vehicle Detection<br>Pet Detection                  |
|                          | Activity Zones        | Yes                                                                                         |
|                          | Output Notification   | System Notification<br>System Notification with Snapshot (Tapo Care Services)               |
| Network                  | Network Connectivity  | Connect via Wi-Fi                                                                           |
|                          | Wireless Connectivity | IEEE 802.11b/g/n, 2.4 GHz Wi-Fi<br>IEEE 802.11a/n, 5 GHz Wi-Fi                              |
|                          | Transmission Rate     | 11b: 11 Mbps<br>11a/g: 54 Mbps<br>11n: 72.2 Mbps                                            |
|                          | Protocol              | TCP, UDPTCP/IP, ICMP, DNS, HTTPS, TCP, UDP                                                  |

|          |                                  |                                                                                                                                                                        |
|----------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security | Security                         | 128-bit AES Encryption with SSL/TLS<br>WPA/WPA2-PSK                                                                                                                    |
|          |                                  |                                                                                                                                                                        |
| Power    | 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, 2.0 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 | 1.2 W                                                                                                                                                                  |
|          | Camera Maximum Power Consumption | 4.2 W                                                                                                                                                                  |
| General  | Smart Integration                | Google Assistant, Amazon Alexa, Samsung SmartThings                                                                                                                    |
|          | Weather Resistance               | IP65                                                                                                                                                                   |
|          | Mounting Options                 | Wall-Mounted<br>Ceiling-Mounted                                                                                                                                        |
|          | Operating Temperature            | -20 °C ~ 45 °C (-4 °F ~ 113 °F)                                                                                                                                        |

|         |                     |                                                                                                                                                                                                                                                                                                                                |
|---------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General | 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: 185 x 147 x 75 mm (7.28 x 5.79 x 2.95 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: 21.41 oz / 607 g<br>Solar Panel: 5.08 oz / 144 g                                                                                                                                                                                                                                                                       |
|         | Package Contents    | Tapo C660 Camera × 1<br>Mounting Bracket × 1<br>Camera Mount Adapter × 1<br>USB Adapter Cable × 1<br>Tapo A201 Solar Panel × 1<br>Tapo A201 Solar Panel Bracket × 1<br>Base Cover × 1<br>Extension Wire × 1<br>Cable Zip Tie × 1<br>Mounting Screws × 7<br>Mounting Anchors × 7<br>Mounting Templates × 2<br>Quick Start Guide |

## // Appearance



**1** Microphone

**2** IR LEDs

**3** White Light LEDs

**4** Lens

**5** Light Sensor

**6** Status LED

**7** Motion Sensor

**8** microSD Card Slot

Open the cover. Insert a microSD card\* and initialize it on the Tapo app for local recording.

\*microSD card not included.



**9** On/Off Power Button

Press and hold for about 3s:  
Turn on/off the camera.

**10** Reset Button

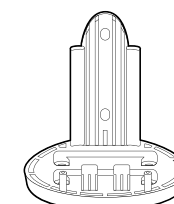
Press and hold for 5s:  
Reset Wi-Fi while preserving the other.  
Press and hold for 10s:  
Reset to factory settings.

**11** USB Type-C Charging Port

Open the cover for USB charging.

**12** PRESS Button

Press the button to loosen the camera bracket.



Camera Bracket

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

<sup>b</sup>The suitable temperature for the Solar Panel is -20 °C ~45 °C. The working temperature range for battery charging should be maintained at 0 °C ~45 °C.

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

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

<sup>e</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.

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