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Datasheet

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

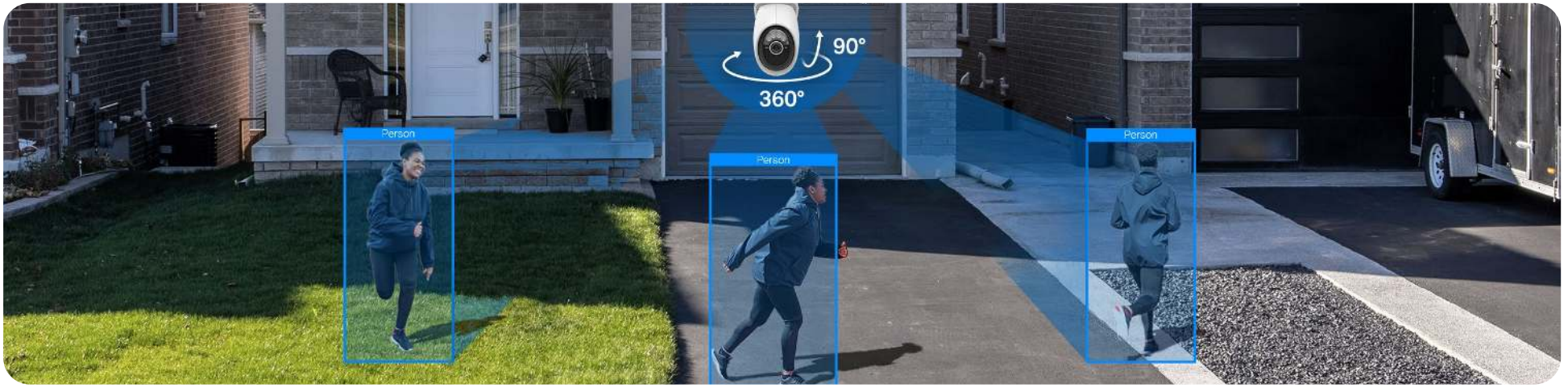
works with alexa

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.

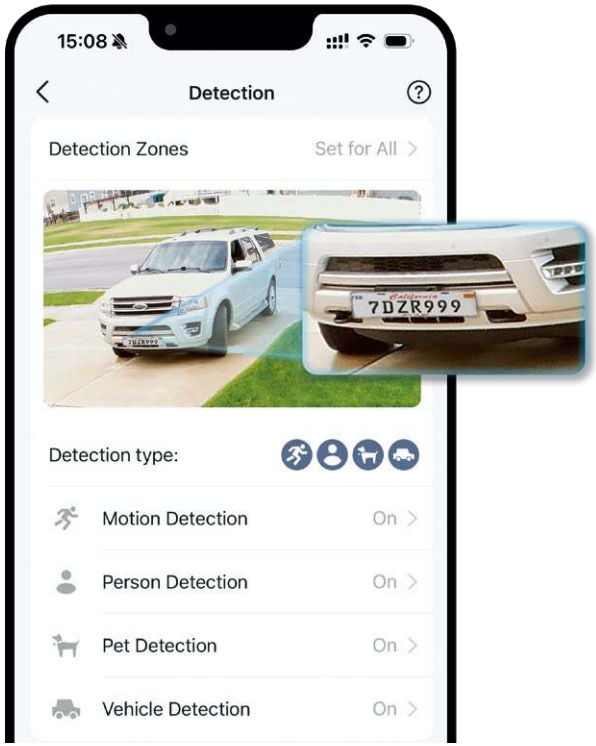
Secure and control your home anywhere, anytime with the Tapo app. View live footage, speak to visitors, share clips, and easily tailor advanced settings.

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)† with no subscription required, or opt for cloud storage‡ 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

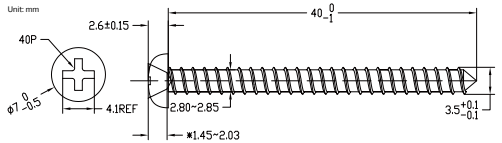
Assign points for the camera to patrol for dynamic monitoring.

Specifications

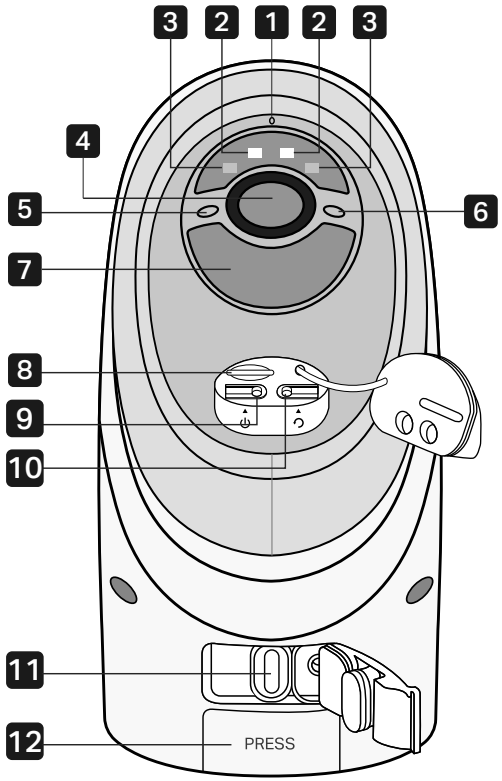
Camera	Image Sensor	1/2.7“ Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 4 mm ± 5% Aperture: F1.6 ± 5% Field of View: 105° (Diagonal), 88° (Horizontal), 45° (Vertical)
	Night Vision	850 nm IR LED (40 ft / 12 m) Starlight Color Night Vision
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Lighting	2× Built-in Spotlights Motion Activiated, App-Controlled
	Interface & Button	1× POWER Button 1× RESET Button 1× microSD Card Slot (Up to 512 GB)
Solar Panel	Connection Capacity	A solar panel can only connect to one camera.
	Output Port	Type-C
Video & Audio	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 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) 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 Person Detection Vehicle Detection Pet Detection
	Activity Zones	Yes
	Output Notification	System Notification 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 IEEE 802.11a/n, 5 GHz Wi-Fi
	Transmission Rate	11b: 11 Mbps 11a/g: 54 Mbps 11n: 72.2 Mbps
	Protocol	TCP, UDPTCP/IP, ICMP, DNS, HTTPS, TCP, UDP

Security	Security	128-bit AES Encryption with SSL/TLS 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.) Solar Panel Charging Cable Length: 0.25 m (9.84 in.) 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 Ceiling-Mounted
	Operating Temperature	-20 ºC ~ 45 ºC (-4 °F ~ 113 °F)

General	Storage Temperature	-40 ºC ~ 60 ºC (-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.) 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 Solar Panel: 5.08 oz / 144 g
	Package Contents	Tapo C660 Camera × 1 Mounting Bracket × 1 Camera Mount Adapter × 1 USB Adapter Cable × 1 Tapo A201 Solar Panel × 1 Tapo A201 Solar Panel Bracket × 1 Base Cover × 1 Extension Wire × 1 Cable Zip Tie × 1 Mounting Screws × 7 Mounting Anchors × 7 Mounting Templates × 2 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**

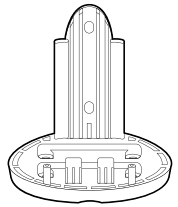
Press and hold for **5s**:
Reset Wi-Fi while preserving the other.
Press and hold for **10s**:
Reset to factory settings.

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

[A]Actual charging power may vary based on installation location, weather conditions, temperature, and other environmental factors.
[§]The suitable temperature for the Solar Panel is -20 ℃~45 ℃. The working temperature range for battery charging should be maintained at 0°C~45°C.
[†]microSD card purchased separately. Actual storage capacity depends on the size of the microSD card used.
[‡]Subscribe for cloud storage at https://www.tapo.com/tapocare/
[*]45 min of sunlight is based on standard environmental conditions (1000W/m2, 25 ℃, AM1.5) and specified working scenes (up to 100 events triggered per day). Actual required time of sunlight may vary.

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