

Enhanced AI Solar Security Camera Ultra

4K
Ultra HD

Tapo C465



Adjustable Solar
Panel Angles



Never-Ending Power Source with Solar

Magnetic Mount for Easy Installation	180-day Backup Battery ^A	AI-Powered Detection with No Subscription	24/7 Continuous Capture ⁺
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// Highlights

Sun-Powered Surveillance in Stunning 4K

Experience the pinnacle of home security: superior 4K, wire-free operation, sustainable solar power, and smart on-device AI, all without subscriptions and tailored to your exact preferences.



// Features



4K 8MP UHD Live View

Delivers four times the resolution of 1080p, revealing every crucial detail in your live view.



No Sun, No Problem

Remain powered for up to 180 days^Δ on a single charge with the 7800mAh backup battery.



Dual Night Vision Modes

Capture clear, vivid details at night with starlight color night vision, or switch to 850nm IR mode for undetectable nighttime monitoring.



Built for Any Weather

IP65 weatherproof rating ensures reliable protection against rain, snow, dust, and extreme heat.



Keep Your Camera Secure

If an intruder attempts to swipe your camera, the anti-tamper cord will ensure it remains in place while a loud siren sounds to alert you.



50 Minutes of Sun for All-Day Security

Continuous, sustainable power with the integrated solar panel. Only 50 minutes of sunlight keeps your camera running all day.[†]



AI-Powered Detection: No Monthly Fees

Experience instant, accurate local AI detection of people, pets, and vehicles, ensuring critical real-time notifications while safeguarding your sensitive data offline.



24/7 Recording: Always On, Always Monitoring

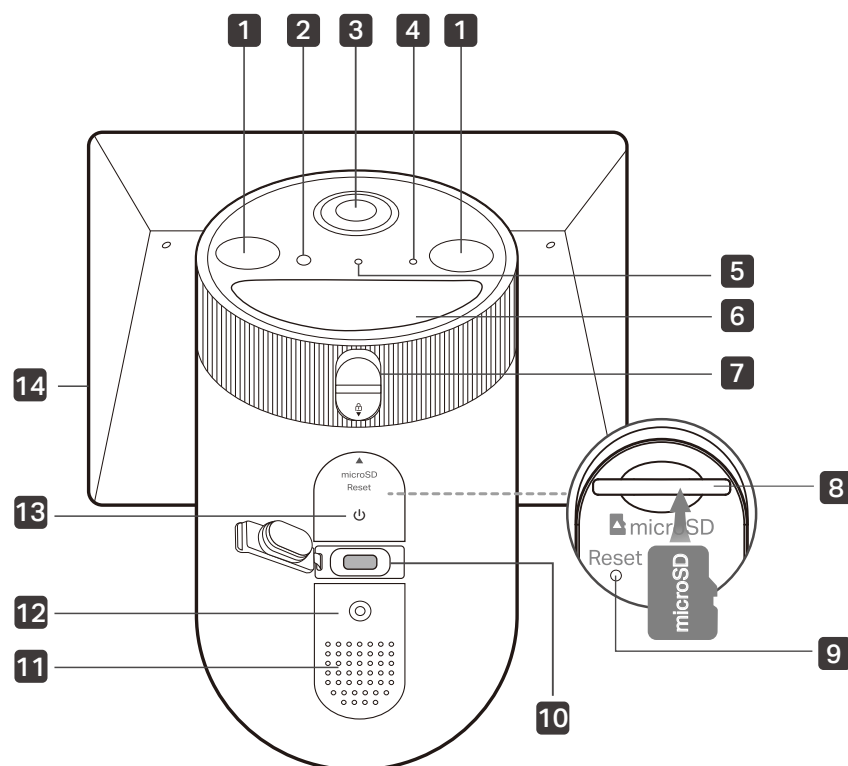
With automatic capture intervals, all significant events are fully documented and nothing goes unnoticed.[‡]



Local & Cloud Storage

Select local on-device storage via microSD card (up to 512GB, sold separately) or opt for cloud storage with Tapo Care.[§]

// Appearance



1 Spotlights

2 Light Sensor

3 Lens

4 Microphone

5 Status LED

6 Motion Sensor

7 Lock Button

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 Reset Button

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

10 USB Type-C Charging Port

Open the cover for USB charging.

11 Speaker

12 Anti-theft Cord Screw Hole

13 Power Button 

Press and hold for about 3 seconds to turn on/off the camera.

14 Solar Panel

[†] 50 minutes of sunlight is based on standard environmental conditions (1000W/m², 25°C, AM1.5) and specified working scenes (up to 100 events triggered per day). The actual required time of sunlight may vary.

[‡] 180-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.

[§] 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/>

[‡] 24/7 Capture enables battery-powered cameras to take images at customizable intervals (such as every 1s, 5s, 10s, or up to 60s) even when no objects are detected, ensuring round-the-clock surveillance while conserving power. When an object is detected, the camera automatically switches to a standard recording mode, reducing missed events and false alerts.

For more information, please visit <https://www.tapo.com/>

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// Specifications

Camera	Image Sensor	1/2.7" Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 3.17 mm Aperture: F1.65 Field of View: 134° (Diagonal), 113°(Horizontal), 59°(Vertical)
	Night Vision	850 nm IR LED (42 ft / 13 m) Starlight Color Night Vision
	Day/Night Switch	IR Mode / Full-Color Mode
	Lighting	2× Built-in Spotlights Motion Activated, App-Controlled
	Interface & Button	1× POWER Button 1× RESET Button 1× microSD Card Slot (Up to 512 GB)
Video & Audio	Maximum Resolution	4K 8MP UHD (3840 × 2160 px)
	Frame Rate	15fps
	Digital Zoom	18×
	Video Compression	H.264
	Live View	Yes
	Image Enhancement	3D DNR WDR
	Audio Input & Output	Built-in Microphone and Speaker
	Audio Communication	Two-Way Audio with Noise Cancellation

Video & Audio	Siren Volume	100 dBA (Level measured at 4-inch distance) 80 dBA (Level measured at 40-inch distance)
	Local Storage	microSD Card Slot on Camera (Up to 512 GB)
Storage	Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
	Sensor	Single Motion Sensor (FOV: 130° horizontal) Single Ambient Light Sensors
Detection & Notification	Detection	Motion Detection Person Detection Pet Detection Vehicle Detection
	Activity Zones	Yes
	Output Notification	System Notification System Notification with Snapshot (Tapo Care Services)
	Network Connectivity	Connect via Wi-Fi
Network	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/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
Security	Security	128-bit AES Encryption with SSL/TLS PWEPA/WPA2-PSK/WPA3-PSK

Power	Power Source	7,800mAh Built-in Rechargeable Lithium-ion Battery Integrated Solar Panel
	Input Voltage	Adapter Input: 100-240 V, 50/60 Hz
	Output Voltage	Adapter Output: 5.0 V, 2.0 A
	Power Cord Length	USB Adapter Cable Length: 0.5 m (19.68 in.)
	Typical Power Consumption	Camera Typical Power Consumption: 1.15 W
	Maximum Power Consumption	Camera Max Power Consumption: 3.79 W
General	Smart Integration	Google Assistant, Amazon Alexa
	Weather Resistance	IP65
	Mounting Options	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	0~90% RH, Non-condensing
	Charging Temperature	0 °C ~ 45 °C (32 °F ~ 113 °F)
	Dimensions	Camera Dimensions: 4.29 × 3.30 × 4.72 in (109 × 84 × 120 mm)
	Weight	Camera Weight: 15.87 oz / 450 g Magnetic Base Weight: 2.68 oz / 76 g
	Package Contents	Tapo C465 Camera x1 Magnetic Base x1 Metal Plate x1 Mounting Template x1 Mounting Screws Mounting Screw Anchors Anti-Theft Cord x1 USB Charging Cable x1 Quick Start Guide