

# Enhanced AI Solar Security Camera Ultra

**4K**  
Ultra HD

Tapo C465



Adjustable Solar Panel Angles



## Never-Ending Power Source with Solar

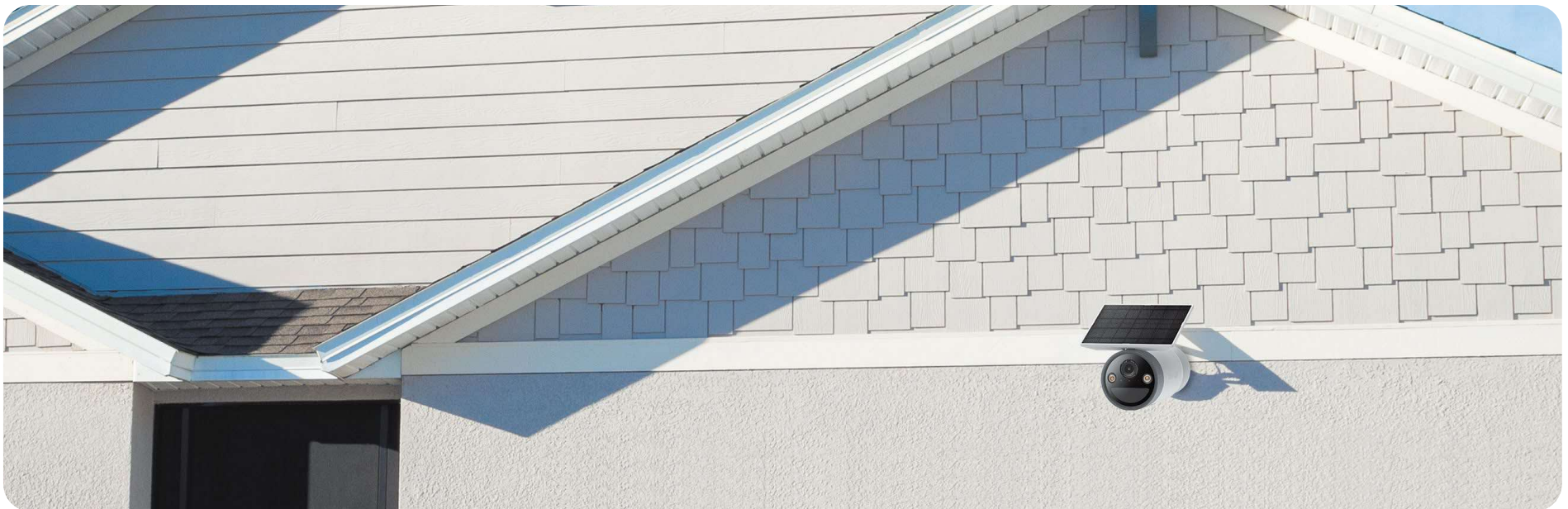
Magnetic Mount for Easy Installation	180-day Backup Battery <sup>A</sup>	AI-Powered Detection with No Subscription	24/7 Continuous Capture <sup>F</sup>
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## // Highlights

### 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<sup>Δ</sup> 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.<sup>†</sup>



### 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

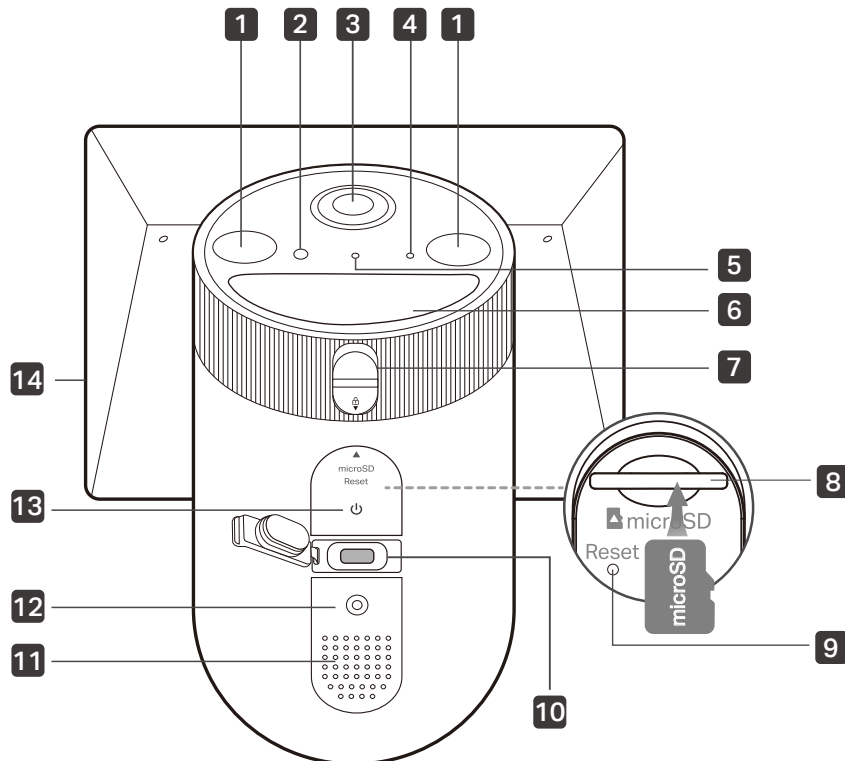
With automatic capture intervals, all significant events are fully documented and nothing goes unnoticed.<sup>‡</sup>




### Local & Cloud Storage

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

## // 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

<sup>†</sup> 50 minutes 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). The actual required time of sunlight may vary.

<sup>‡</sup> 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.

<sup>§</sup> 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/>

<sup>‡</sup> 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

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

<b>Video &amp; Audio</b>	<b>Siren Volume</b>	100 dBA (Level measured at 4-inch distance) 80 dBA (Level measured at 40-inch distance)
	<b>Local Storage</b>	microSD Card Slot on Camera (Up to 512 GB)
<b>Storage</b>	<b>Cloud Storage</b>	Tapo Care Cloud Storage Services (Subscription required)
	<b>Sensor</b>	Single Motion Sensor (FOV: 130° horizontal) Single Ambient Light Sensors
<b>Detection &amp; Notification</b>	<b>Detection</b>	Motion Detection Person Detection Pet Detection Vehicle Detection
	<b>Activity Zones</b>	Yes
	<b>Output Notification</b>	System Notification System Notification with Snapshot (Tapo Care Services)
	<b>Network Connectivity</b>	Connect via Wi-Fi
<b>Network</b>	<b>Wireless Connectivity</b>	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi IEEE 802.11a/n, 5 GHz Wi-Fi
	<b>Transmission Rate</b>	11b: 11 Mbps 11a/g: 54 Mbps 11n: 72.2 Mbps
	<b>Protocol</b>	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
<b>Security</b>	<b>Security</b>	128-bit AES Encryption with SSL/TLS PWPA/WPA2-PSK/WPA3-PSK

<b>Power</b>	<b>Power Source</b>	7,800mAh Built-in Rechargeable Lithium-ion Battery Integrated Solar Panel
	<b>Input Voltage</b>	Adapter Input: 100-240 V, 50/60 Hz
	<b>Output Voltage</b>	Adapter Output: 5.0 V, 2.0 A
	<b>Power Cord Length</b>	USB Adapter Cable Length: 0.5 m (19.68 in.)
	<b>Typical Power Consumption</b>	Camera Typical Power Consumption: 1.15 W
	<b>Maximum Power Consumption</b>	Camera Max Power Consumption: 3.79 W
<b>General</b>	<b>Smart Integration</b>	Google Assistant, Amazon Alexa
	<b>Weather Resistance</b>	IP65
	<b>Mounting Options</b>	Wall-Mounted
	<b>Operating Temperature</b>	-20 °C ~ 45 °C (-4 °F ~ 113 °F )
	<b>Storage Temperature</b>	-40 °C ~ 60 °C (-40 °F ~ 140 °F )
	<b>Operating Humidity</b>	10%~90% RH, Non-condensing

<b>General</b>	<b>Storage Humidity</b>	0~90% RH, Non-condensing
	<b>Charging Temperature</b>	0 °C ~ 45 °C (32 °F ~ 113 °F )
	<b>Dimensions</b>	Camera Dimensions: 4.29 × 3.30 × 4.72 in (109 × 84 × 120 mm)
	<b>Weight</b>	Camera Weight: 15.87 oz / 450 g Magnetic Base Weight: 2.68 oz / 76 g
	<b>Package Contents</b>	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