2K QHD

Smart Wire-Free Security Camera

Tapo C425   **TC85**

Up to 300-Day Battery Life△

Free Person/Pet/ Vehicle Detection | Full-Color Night Vision | Adjustable Magnetic Base

works with **amazon alexa**

works with **Google** Home

// Highlights

Free Person/Pet/Vehicle Detection

Smart AI accurately identifies people, pets, and vehicles, reducing false alerts and unnecessary notifications, which also extends battery life.
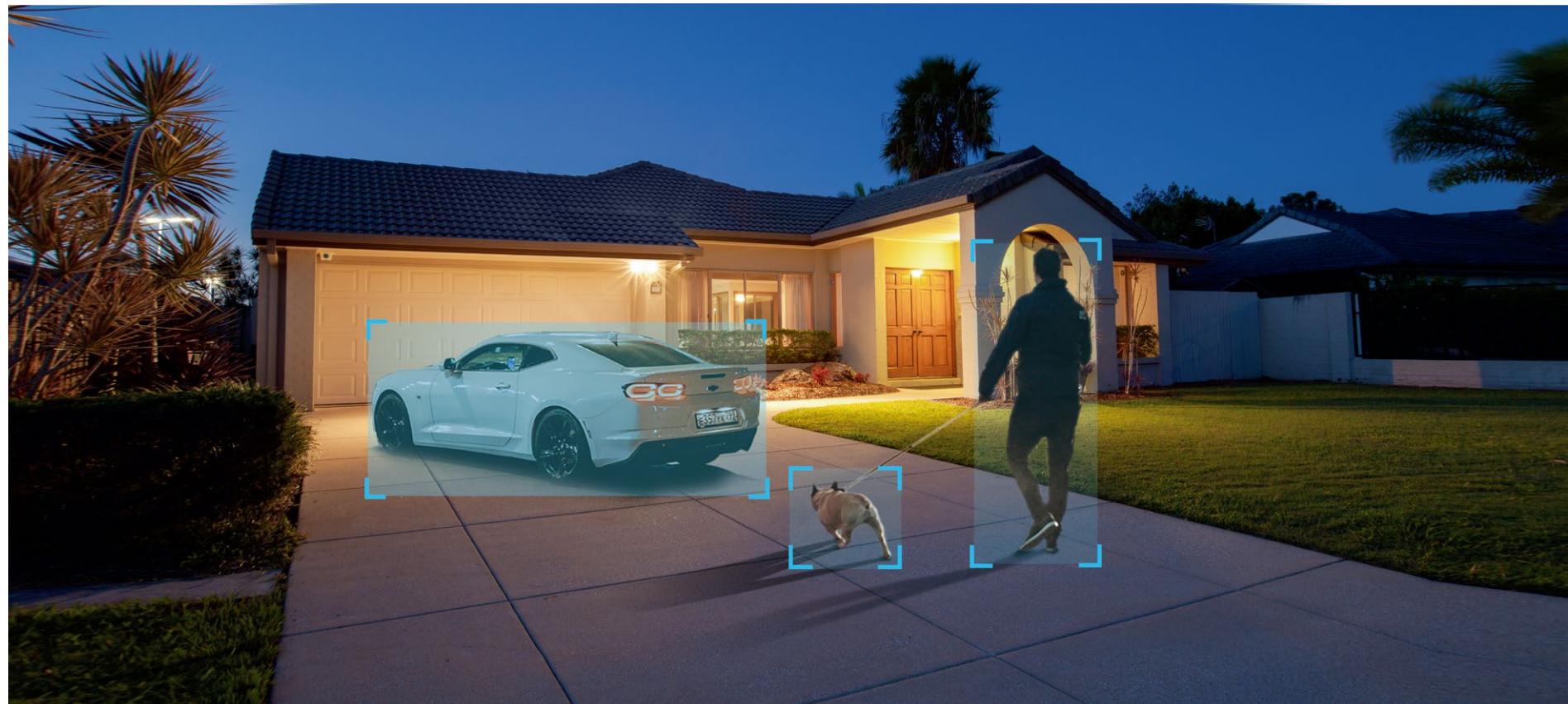
Features

2K QHD Live View

Now with 1.7× more pixels than 1080p, providing clearer videos and more crisp photos.

Adjustable Magnetic Base

Thanks to a magnetic base, effortlessly place and rotate your camera at any angle, without needing to screw it into the bracket.

Local† and Cloud‡ Storage

Save recorded video on a microSD card (up to 512 GB)†, no subscription required. Cloud storage‡ is also supported for flexibility.

Full-Color Night Vision

Enhances your security by revealing vivid colors with built-in spotlights and starlight sensor.

150° Super-Wide FOV (Diagonal)

Expands your visual coverage and ensures you to keep an eye on more vital areas.

Customizable Sound and Light Alarm

Record your own audio as an alarm and adjust the brightness of dual spotlights for your customized use.

Rechargeable Battery

The built-in rechargeable battery leads to a long-lasting life (up to 300 days)△, extending your usage.

Activity Zones

Set customized detection areas to only let what matters alert you.

IP66 Weatherproof

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

// Specifications

Camera	**Image Sensor**	1/3" Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 2.1 mm Aperture: F2.1 Field of View: 150° (Diagonal), 134° (Horizontal), 77° (Vertical)
	Night Vision	850 nm IR LED (49 ft / 15 m) Color Night Vision
	Day/Night Switch	IR Mode / Full-Color Mode / Smart Mode
	Lighting	2× Spotlights (4× Built-in LEDs)
	Interface & Button	1× POWER Button 1× RESET Button 1× microSD Card Slot (Up to 512 GB)
Video & Audio	**Maximum Resolution**	2K QHD 4MP (2560 × 1440 px)
	Frame Rate	15/20/(25/30)fps*
	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
	Siren Volume	94 dB (Level measured at 4-inch/10-cm distance)

Storage	Local Storage	microSD Card Slot on Camera (Up to 512 GB)
	Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
Detection & Notification	Sensor	Single Motion Sensor (FOV: 130° horizontal) Single Ambient Light Sensors
	Detection	Motion Detection Person Detection Pet Detection Vehicle Detection
	Activity Zones	Yes
	Output Notification	System Notification System Notification with Snapshot (Tapo Care Services) System Notification with Clips (Tapo Care Services)
Network	Network Connectivity	Connect via Wi-Fi
	Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi
	Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps
	Protocol	TCP/IP, ICMP, DNS, HTTPS, TCP, UDP
Security	Security	128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK

Power	Power Source	Built-in Rechargeable Lithium-ion Battery Optional Solar Panel: Tapo A201 (Sold separately), Tapo A200 (Sold separately)
	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: 1.19 W
	Maximum Power Consumption	Camera Max Power Consumption: 2.09 W
General	Certifications	CE, FCC, RoHS, RCM, IP66
	Smart Integration	Google Assistant, Amazon Alexa
	Weather Resistance	IP66
	System Requirements	Tapo App: iOS 11.0 or higher, Andriod 5.0 or higher
	Mounting Options	Tabletop Ceiling-Mounted 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	5%~90% RH, Non-condensing
	Charging Temperature	0°C ~ 45°C (32 °F ~ 113 °F)
	Dimensions	Camera Dimensions: 4.57 × 2.55 × 2.55 in. (116.2 × 64.8 × 64.8 mm)
	Weight	Camera Weight: 11.82 oz / 335 g Magnetic Base Weight: 2.68 oz / 76 g
	Package Contents	Tapo C425 Camera x1 USB Adapter x1 USB Adapter Cable x1 Mounting Template x1 Magnetic Base x1 Mounting Screws x2 Mounting Anchors x2 Metal Plate x1 3M Adhesive x1 Quick Start Guide

// Appearance

Front
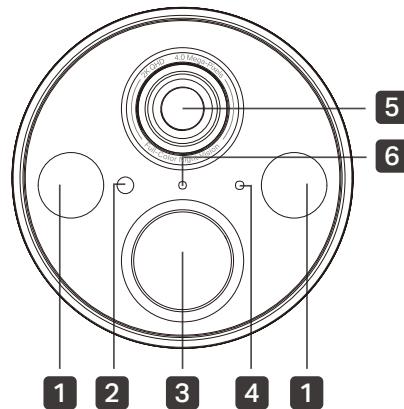
1	Spotlights	4	Microphone
2	Light Sensor	5	Lens
3	Motion Sensor	6	Status LED

Side
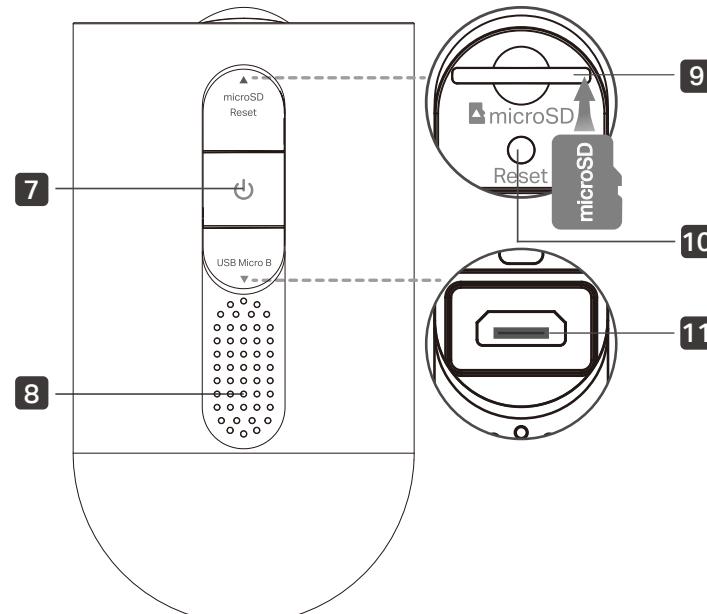
7 Power Button ⏻
Press and hold for about 3 seconds to turn on/off the camera.

8 Speaker

9 microSD Card Slot
Open the cover. Insert a microSD card* and initialize it on the Tapo app for local recording.
*microSD card not included.

10 Reset Button
Open the cover. Use a pin to press and hold for at least 5 seconds to reset the camera to factory default settings.

11 USB Micro B Charging Port
Open the cover for USB charging.

*Frame rate varies at different frequencies. Frame Rate is up to 25fps at 50Hz and 30fps at 60Hz.
†microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used.
††Subscribe for cloud storage at https://www.tapo.com/tapocare/
△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.
**Tapo solar panel purchased separately. Actual experience may vary due to placement angle, weather conditions, and camera usage.
For more information, please visit https://www.tapo.com/