tp-link | **tapo**

2K QHD

Smart Wire-Free Security Camera

Model: Tapo C420

Smart. Secure. Easy.

- **180-Day Battery Life***
- **Full-Color Night Vision**
- **Starlight Sensor**
- **AI Smart AI Detection and Notification**
- **IP65 Weatherproof**

Hub Required

works with | **amazon alexa**

works with **Google** Home

Highlight

Full-Color in the Night
Offer full-color and sharp views day and night, rain or shine.

Smart AI Detection and Notification
Smart AI identifies people, pets, and vehicles, notifying users as needed.

Features

2K QHD
Now with 1.7 times more pixels than 1080p, providing clearer videos and photos.

Two-Way Audio
Enables communication through a built-in microphone and speaker.

180-Day Battery Life*
The rechargeable and removable battery with a low-power protocol extends your usage.

IP65 Weatherproof
Helps Tapo C420S1 perform well even in harsh environments with rain and dust.

Wire-Free Placement
No wires means you can place the cameras almost anywhere inside or outside – whatever works for you!

Flexible Storage Choices
Save recorded videos on the hub-installed microSD card† (up to 256 GB) or by using Tapo Care** cloud storage services.

Sound and Light Alarm
Trigger sound and light as an alarm when motion is detected.

Note: Hub Indoor Use Only

Specifications

Camera

- Image Sensor: 1/3"

- Resolution: 2K QHD (2560 × 1440 px)

- Night Vision: 850 nm IR LED up to 49 ft/15m

- Lens: F/NO: 1.61±10%; Focal Length: 3.18mm±5%

- View Range: 113°

Audio

- Audio Communication: 2-way audio

- Audio Input & Output: Built-in microphone and speaker

Video

- Video Compression: H.264

- Frame Rate: 15/20 fps

- Video Streaming: 2K QHD

- Audio Compression: G.711

Activity Notifications

- Input Trigger: Motion detection, Person detection, Pet detection, Vehicle detection.

- Output Notification: Notification,Snapshot(Tapo care),Clips(Tapo care).

Network

- Wireless Protocols: IEEE 802.11b/g/n, 2.4 GHz

- Frequency: 2.4 GHz

- Wireless Security: WPA/WPA2-PSK

- Security: 128 bit AES encryption with SSL/TLS

- Protocol: TCP/IP, ICMP, DNS, HTTPS, TCP, UDP

// Specifications

Hardware

· Camera Button: Reset/SYNC Button

· Camera Indicator LED: System LED

· Camera Adapter Input: 100-240V, 50/60Hz

· Camera Adapter Output: 5.0V, 1.0A

· External Storage: microSD card slot †(Supports up to 256 GB)

· Camera Dimensions (Lx W x H): 4.35 x 2.52 x 2.52in. (110.6*64.2*64.2mm)

Others

· Certification: CE, RoHS, RCM

· Package Contents:

Tapo C420 Camera (Battery Included)

USB Adapter

USB Adapter Cable

DC Power Adapter

Mounting Screws

Mounting Templates

Camera Brackets

Quick Start Guide

RJ45 Ethernet Cable

· Operating Temperature: -20℃~45℃(-4°F ~113 °F)

· Storage Temperature: -20℃~60℃ (-4°F~140°F)

· Operating Humidity: 10%~90%RH, Non-condensing

· Storage Humidity: 5%~90%RH, Non-condensing

*180-day battery life is based on TP-Link's laboratory testing with 10-20 triggered events per day. Actual battery life may vary based on device settings, use, and environmental factors.
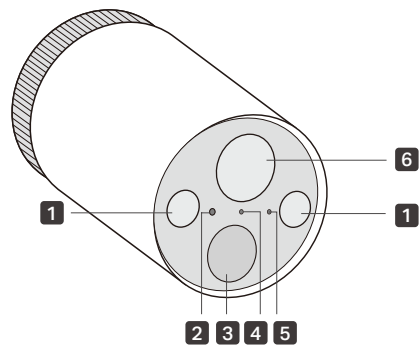†microSD card needs to be purchased separately.**Tapo Care needs to be subscribed separately.

// Device Appearance

Front

Back

1	Spotlights	4	Status LED
			Indicate the status of your camera.
2	Light Sensor	5	Microphone
3	Motion Sensor	6	Lens
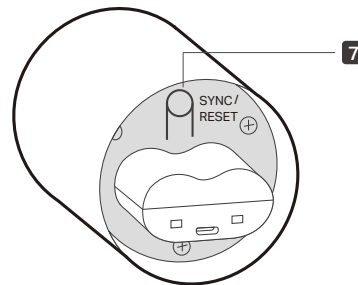
7 **SYNC/RESET Button**

While the camera is powered on:

Press for 1 second: Pair with the hub
Press and hold for about 5 seconds: Reset the camera