2K QHD

Smart Wire-Free Security Camera System
Model: Tapo C420S1

Smart. Secure. Easy.

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

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.

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

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

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

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

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

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

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

- Camera Adapter Output: 5.0V, 1.0A

- Camera Typical Power Consumption: 0.928W

- Camera Maximum Power Consumption: 2.39W

- Hub Adapter Input: 100-240V, 50/60Hz, 0.3A

- Hub Adapter Output: 9.0V, 0.85A

- Hub Maximum Power Consumption: 9W

- 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)

- Hub Dimensions (L x W x H): 2.8 x 2.8 x 1.2 in. (71.45*71.45*31.25mm)

Others

- Certification: CE, RoHS, RCM

- Package Contents:

  Tapo C420 Camera (Battery Included)

  Tapo H200 Hub

  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

// Device Appearance

Front

Back

Hub Appearance
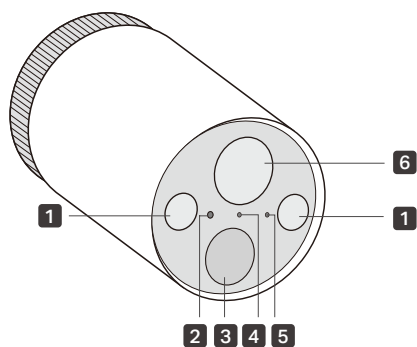
1 Spotlights

4 Status LED

Indicate the status of your camera.

2 Light Sensor

5 Microphone

3 Motion Sensor
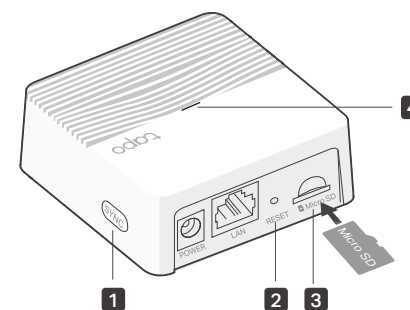
6 Lens
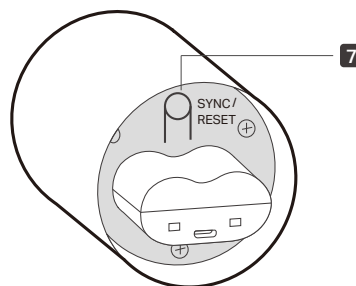
7 SYNC/RESET Button

While the camera is powered on:

Press for 1 second: Pair with the hub

Press and hold for about 5 seconds: Reset the camera

1 SYNC Button

Press to pair with the camera, or silence the hub when it rings.

2 RESET

Use a pin to press and hold for about 5 seconds until the hub LED quickly blinks red to reset the hub.

3 microSD Card Slot

Insert a microSD card to record camera videos locally. Initialize the microSD card within the Tapo app first.

*microSD card not included.

4 Status LED

Indicate the status of your hub.

Notes:Connect up to 4 cameras to a hub.