

Tapo Tapo C222

Tapo C222 2K QHD 1440p 4MP Pan/Tilt AI Smart Home Security Wi-Fi Camera User Manual

Brand: **Tapo** | Model: **Tapo C222**

1. PRODUCT OVERVIEW

The Tapo C222 is an advanced 2K QHD 1440p 4MP Pan/Tilt AI Smart Home Security Wi-Fi Camera designed to provide comprehensive surveillance for your indoor spaces. It features intelligent AI detection capabilities, enhanced night vision, two-way audio communication, and flexible storage options, ensuring your home is monitored effectively.



Image 1.1: Front view of the Tapo C222 camera, showcasing its compact and rotatable design.

Key features include:

- **High-Quality Video Recording:** Captures every detail with exceptional clarity in 2K 4MP QHD resolution.
- **Enhanced Night Vision:** Provides clear visibility up to 40 ft in low-light conditions using 850nm infrared night vision.
- **Smart AI Detection and Notifications:** Identifies people, pets, and vehicles, and recognizes sounds like baby crying, sending instant notifications.
- **Sound and Light Alarm:** Deters unwanted visitors with an integrated alarm system.
- **Two-Way Audio:** Enables communication through a built-in microphone and speaker.
- **Safe Storage:** Supports local storage on a microSD card (up to 512 GB, purchased separately) and cloud storage via Tapo Care.
- **Hands-Free Operation:** Compatible with Google Assistant and Amazon Alexa for voice control.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- Tapo Pan/Tilt Home Security Wi-Fi Camera
- Power Adapter
- Start Guide
- Mounting Screws
- Mounting Plate
- Camera Base

3. SETUP GUIDE

Follow these steps to set up your Tapo C222 camera:

1. **Download the Tapo App:** Search for 'Tapo' in the Apple App Store or Google Play Store and download the official Tapo app.
2. **Power On the Camera:** Connect the provided power adapter to the camera and plug it into a power outlet. Wait for the LED indicator on the camera to blink red and green.
3. **Add Camera in App:** Open the Tapo app, tap the '+' icon in the top right corner, and select your camera model (Tapo C222). Follow the in-app instructions to connect the camera to your Wi-Fi network. You can also use an Ethernet cable for a wired connection.

Ethernet/Wi-Fi Connection

You can not only connect the security camera by using Wi-Fi, but also connect through the Ethernet port.



Image 3.1: Diagram illustrating Wi-Fi and Ethernet connection options for the Tapo C222 camera.

4. **Mount the Camera (Optional):** If you wish to mount the camera on a wall or ceiling, use the provided mounting plate and screws. Ensure the mounting surface is stable and can support the camera's weight.
5. **Insert MicroSD Card (Optional):** For local storage, insert a microSD card (up to 512 GB, not included) into the designated slot on the camera. Format the card via the Tapo app for optimal performance.

4. OPERATING INSTRUCTIONS

4.1 Live View and Pan/Tilt Control

Access the live feed of your camera through the Tapo app. Use the on-screen controls to pan (rotate horizontally up to 360°) and tilt (rotate vertically up to 110°) the camera lens to view different areas of your room.



Up, Down, All-around

Get the full picture of any space in your apartment, dorm or home with Tapo Pan Tilt. With a 360°horizontal view and 110°vertical view.

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Image 4.1: Illustration of the Tapo C222's 360-degree horizontal and 110-degree vertical pan and tilt capabilities.

4.2 Two-Way Audio

To use the two-way audio feature, tap the microphone icon in the live view interface of the Tapo app. You can speak through your phone, and your voice will be projected through the camera's speaker. Similarly, you can hear audio from the camera's environment through your phone.



Two-Way Audio

Communicate through a built-in microphone and speaker.

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Image 4.2: The Tapo C222 camera with a speech bubble indicating its two-way audio capability, useful for communication or deterrence.

4.3 Motion Detection and AI Features

The Tapo C222 utilizes advanced AI to detect various events. You can customize activity zones within the app to focus on specific areas and reduce false alarms. The camera can differentiate between people, pets, and vehicles, and also detect sounds like a baby crying.

- **Activity Zones:** Define specific areas in the camera's view where you want to receive motion alerts.
- **Person Detection:** Receive alerts specifically when a human is detected.
- **Pet Detection:** Get notifications when your pets are active.
- **Vehicle Detection:** Monitor vehicle activity in designated areas.
- **Baby Crying Detection:** Receive immediate alerts if the camera detects a baby crying.
- **Motion Tracking:** When motion is detected, the camera can automatically track and follow the subject to keep it in view.

Smart AI Detection and Notification

Smart AI identifies people, pets, and vehicles while recognizing a baby crying and other sounds, notifying users as needed.

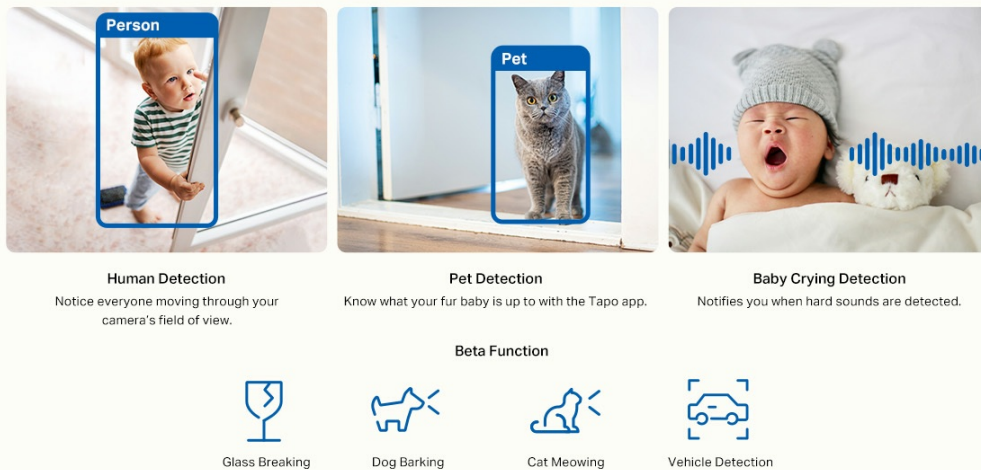


Image 4.3: Visual representation of the Tapo C222's smart AI detection capabilities, including human, pet, and baby crying detection.

4.4 Night Vision

The camera automatically switches to night vision mode in low-light conditions, providing clear black-and-white video up to 40 feet. This feature ensures continuous monitoring even in complete darkness.



Crisp Night Vision
(up to 40 ft)

Advanced Night Vision

The 850nm infrared night vision supports automatic color switch filter in low light conditions with a visual distance of up to 40 ft.

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Image 4.4: The Tapo C222 camera operating in a low-light environment, demonstrating its crisp night vision capability up to 40 feet.

4.5 Privacy Mode and Storage

Activate Privacy Mode via the app to physically turn the camera lens away, ensuring your privacy when needed. For storage, you can use a microSD card or subscribe to Tapo Care cloud storage services.

Protect Your Privacy from the Very Beginning

Privacy Zone

Set customizable block zones to keep certain spaces from being recorded so you never need to worry about personal moments being leaked.

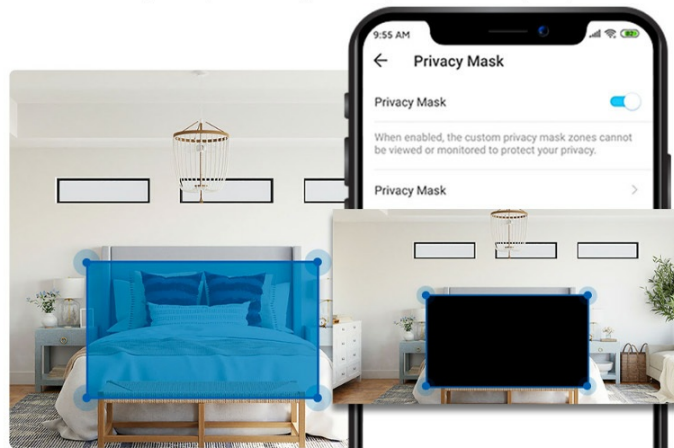


Image 4.5: Screenshot from the Tapo app showing the privacy mask feature, allowing users to block out specific areas from being recorded.

Flexible Storage Choices

Save recorded videos on the microSD Card† (up to 512 GB) or by using Tapo Care‡ cloud storage services.



Image 4.6: Visual representation of the Tapo C222's flexible storage options, including Tapo Care cloud service and microSD card support up to 512 GB.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using liquid cleaners or abrasive materials that could damage the device.
- **Firmware Updates:** Regularly check for and install firmware updates via the Tapo app. Updates often include performance improvements, new features, and security enhancements.
- **Network Stability:** Ensure your Wi-Fi network is stable and strong for optimal camera performance. Consider placing the camera within good Wi-Fi signal range or using an Ethernet connection.

6. TROUBLESHOOTING

6.1 Camera Offline

- Check if the camera is powered on and the power adapter is securely connected.
- Verify your Wi-Fi network is working correctly.
- Restart the camera by unplugging and re-plugging the power adapter.
- Ensure the camera is within range of your Wi-Fi router.

6.2 Poor Video Quality

- Check your internet connection speed. A stable and fast connection is required for 2K QHD streaming.
- Clean the camera lens with a soft cloth.
- Ensure there are no obstructions in front of the lens.

6.3 Motion Detection Not Working

- Verify that motion detection is enabled in the Tapo app settings for your camera.
- Check the configured activity zones to ensure they cover the desired areas.
- Adjust the motion detection sensitivity in the app.

6.4 No Sound from Two-Way Audio

- Ensure the microphone and speaker volumes are not muted in the Tapo app.
- Check your phone's volume settings.
- Ensure there are no physical obstructions blocking the camera's microphone or speaker.

7. SPECIFICATIONS

Feature	Specification
Model Number	Tapo C222
Video Resolution	2K QHD (1440p), 4MP
Pan/Tilt Range	360° Horizontal, 110° Vertical
Night Vision Distance	Up to 40 ft (12 meters)
Storage Options	MicroSD card (up to 512 GB), Tapo Care Cloud Storage
Connectivity	Wi-Fi (2.4 GHz), Ethernet
Audio	Two-Way Audio (Built-in Microphone and Speaker)
AI Features	Person Detection, Pet Detection, Vehicle Detection, Baby Crying Detection, Motion Tracking
Voice Control Compatibility	Amazon Alexa, Google Assistant

Feature	Specification
Product Dimensions	8.2 x 8.25 x 11.26 cm
Item Weight	430 g
Power Source	Corded Electric

8. WARRANTY AND SUPPORT

Tapo products are manufactured by TP-Link. For warranty information and technical support, please refer to the official TP-Link website or contact their customer service.

Manufacturer: TP-Link, TP-Link Corporation PTE.LTD.

Importer (India): TP-Link India Private Limited.

Office No-201, 2nd floor, A-wing, Time Square Building, Marol Naka, Andheri Kurla Road, Andheri East, Mumbai.

Contact: Toll Free 1800 2094 168 | Email: support.in@tp-link.com

Please retain your proof of purchase for warranty claims.