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- › [Tenda](#) /
- › [Tenda CP7 2.5K Indoor Security Camera Instruction Manual](#)

Tenda Tenda CP7

Tenda CP7 2.5K Indoor Security Camera Instruction Manual

Model: Tenda CP7

1. PRODUCT OVERVIEW

The Tenda CP7 is a 2.5K (4MP) indoor security camera designed for home monitoring. It features pan and tilt capabilities, two-way audio, enhanced night vision, and intelligent motion detection with tracking. This camera is suitable for monitoring pets, babies, or general home security.



Image 1.1: Front view of the Tenda CP7 Indoor Security Camera.

Key Features:

- **Enhanced Video Quality:** 2.5K (4MP) resolution with WDR for clear day and night video.
- **Pan and Tilt Functionality:** 355° horizontal and 155° vertical field of view.
- **Two-Way Audio:** Real-time communication with built-in Digital Noise Reduction.
- **Intelligent Motion Detection & Tracking:** Instant alerts and automatic tracking of detected motion.
- **Active Sound and Light Alert:** Deter potential intruders with sound and light.

- **Privacy Shutter:** Physical lens closure for enhanced privacy.
- **Flexible Storage:** Supports local Micro SD card (up to 256GB) and cloud storage.
- **2.4GHz Wi-Fi Support:** Connects to 2.4GHz wireless networks only.



Image 1.2: Overview of Tenda CP7 camera features including night vision, smart tracking, two-way audio, and privacy shutter.

2. WHAT'S IN THE BOX

Please check the package contents upon unboxing to ensure all items are present:

- Tenda CP7 Camera
- Power Adapter
- Wall Mount Accessory Kit
- Quick Installation Guide

3. SETUP

3.1 Initial Setup

1. **Power On:** Connect the camera to a power source using the provided power adapter. The camera will power on and initiate its startup sequence.
2. **Download the App:** Download the official Tenda TDSEE app from your smartphone's app store (iOS or Android).
3. **Create Account:** Open the TDSEE app and create a new user account or log in if you already have one.
4. **Add Device:** Follow the in-app instructions to add your Tenda CP7 camera. This typically involves scanning a QR code on the camera or manually selecting the device model.
5. **Connect to Wi-Fi:** Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera supports 2.4GHz Wi-Fi only. Follow the app prompts to connect the camera to your home Wi-Fi network.
6. **Placement:** Position the camera in your desired monitoring area.

3.2 Mounting Options

The Tenda CP7 camera supports various mounting options to suit your needs:

- **Desktop Placement:** Simply place the camera on a flat surface such as a table or shelf.
- **Wall Mounting:** Use the included wall mount accessory kit to securely attach the camera to a wall.
- **Ceiling Mounting:** The camera can also be mounted upside down on the ceiling using the accessory kit. Ensure to adjust the image rotation setting in the app if mounted upside down.



Image 3.1: Examples of desktop, ceiling, and wall mounting for the Tenda CP7 camera.

4. OPERATING THE CAMERA

4.1 Pan and Tilt Control

Use the TDSEE app to remotely control the camera's pan (horizontal) and tilt (vertical) movements. The camera offers a 355° horizontal and 155° vertical range, allowing comprehensive coverage of your space.

Cover Every Corner of Your Home in Super HD



Image 4.1: Illustration of the Tenda CP7 camera's vertical and horizontal movement capabilities.

4.2 Two-Way Audio

The built-in microphone and speaker enable two-way communication. Tap the microphone icon in the app to speak through the camera, and listen to audio from the camera's surroundings. This feature is ideal for interacting with family members, pets, or deterring unwanted visitors.



Image 4.2: Example of using two-way audio to communicate through the camera.

4.3 Motion Detection and Tracking

The camera can detect motion and automatically track the moving object within its field of view. You will receive instant alerts on your smartphone when motion is detected. This feature helps you stay informed about activity in your home.

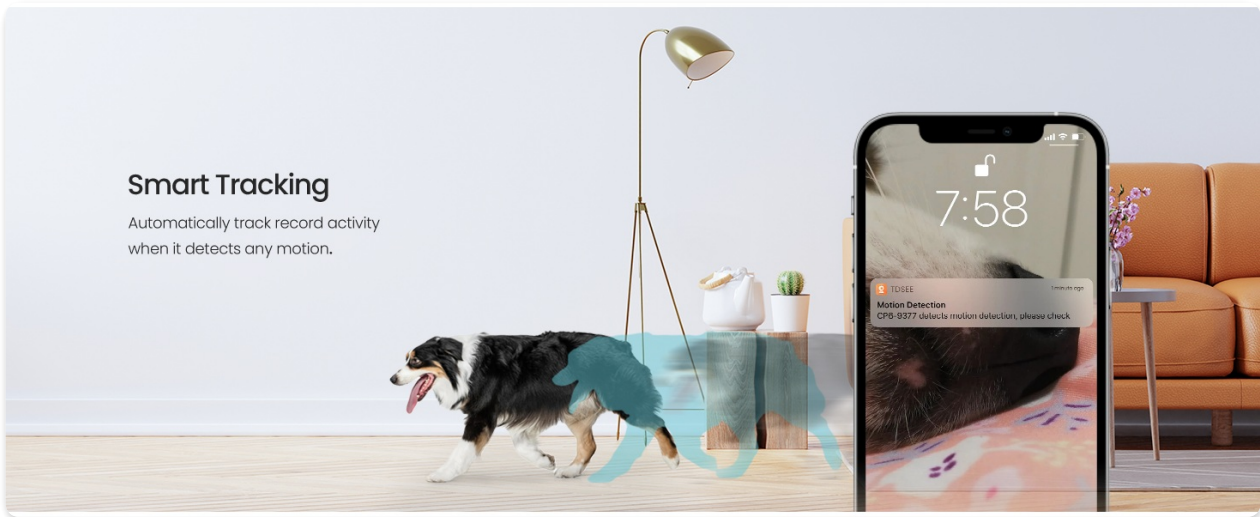
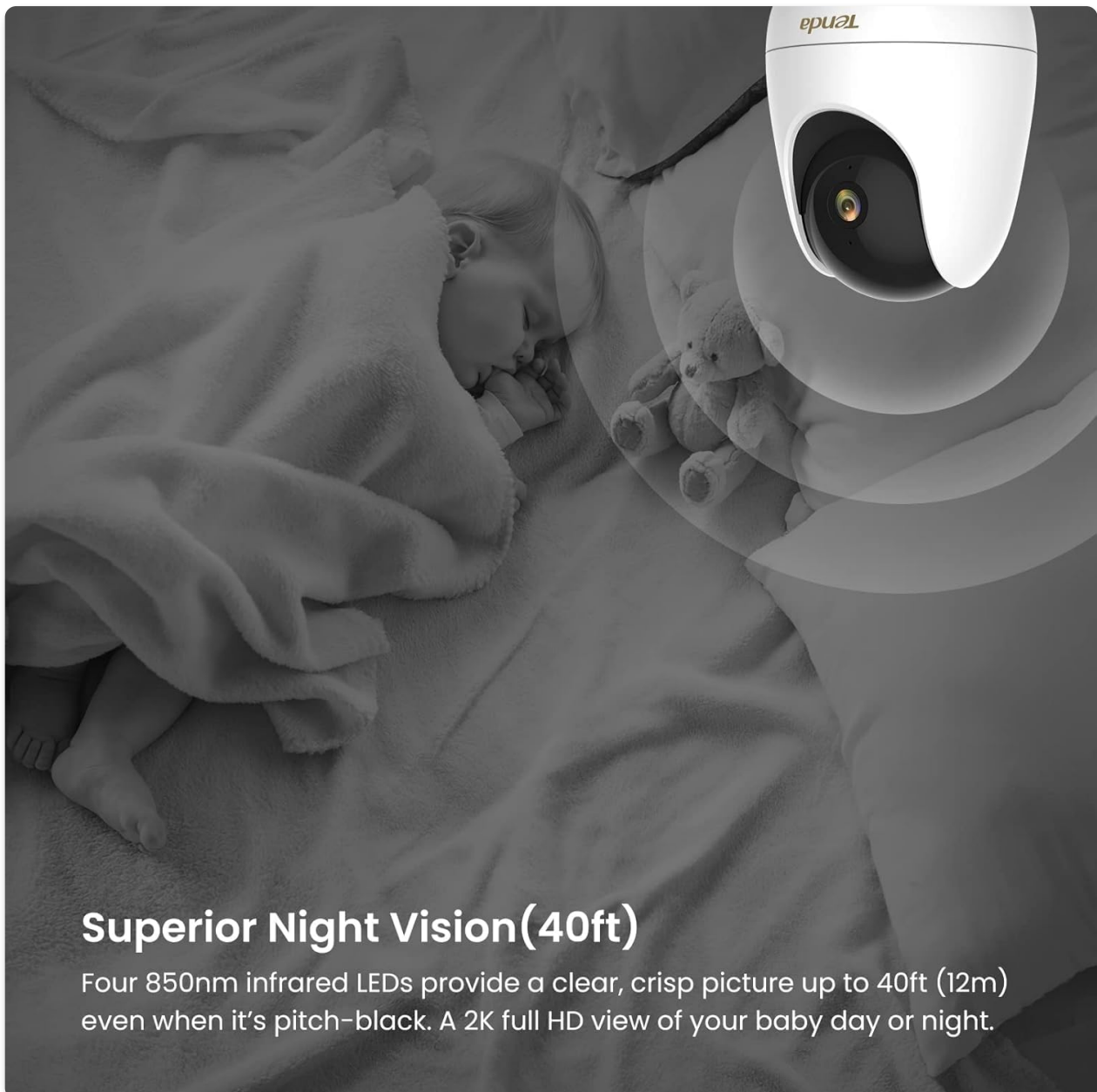


Image 4.3: Illustration of the smart tracking feature, showing the camera following a moving subject.

4.4 Night Vision

The Tenda CP7 features Smart IR technology, providing clear night vision up to 40 feet (12 meters). This ensures detailed video capture even in complete darkness.



Superior Night Vision(40ft)

Four 850nm infrared LEDs provide a clear, crisp picture up to 40ft (12m) even when it's pitch-black. A 2K full HD view of your baby day or night.

Image 4.4: A baby sleeping, demonstrating the camera's night vision capability in a dark room.

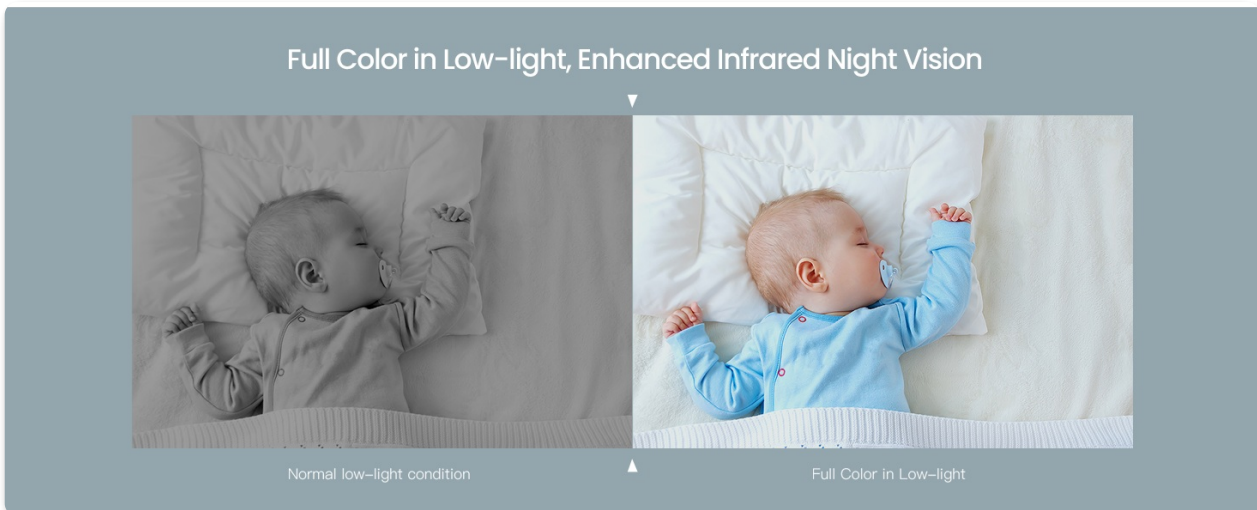


Image 4.5: Comparison of normal low-light condition versus full color in low-light with the camera.

4.5 Privacy Shutter

For moments when you desire complete privacy, the Tenda CP7 includes an automatic privacy shutter. You can rotate the camera lens down physically via the app to ensure no video is being recorded or streamed.

One Click Occlusion

One Click to hide the camera lens to protect your privacy.



Image 4.6: The camera shown with its lens open and then rotated down for privacy.

Protect Your Privacy



The camera rotate downward when the master comes home by tapping on the APP.



Encrypted data transmission. It uses AES256-bit super encryption to ensure data transmission security



Cloud data encryption. Our encryption reaches the security certification level ISO/IEC 27018 and passes the "world's strictest" data security audition

Image 4.7: Visual representation of privacy features including physical shutter, encrypted data transmission, and cloud data encryption.

4.6 Storage Options

The camera offers two methods for video storage:

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the designated slot for local storage of recordings.
- **Cloud Storage:** Subscribe to Tenda's cloud storage service for secure, remote storage of your video footage. This ensures your recordings are safe even if the camera is damaged or stolen.



Image 4.8: Diagram showing the Micro SD card slot and icons for Micro SD and cloud storage options.

4.7 Active Light and Sound Alarms

When intrusion is detected during the alert period, a sound and white flashing light alarm can be triggered to warn potential intruders. An alarm message will also be sent to your mobile device.

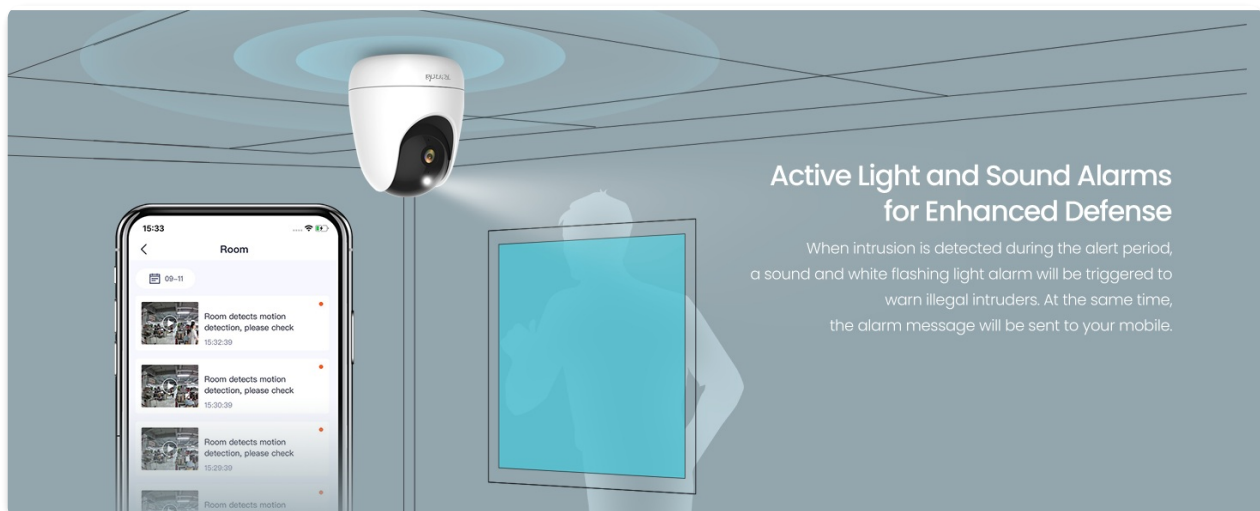


Image 4.9: Visualizing the active light and sound alarm system deterring an intruder.

4.8 Customizable Voice Alerts

You can customize up to 3 personalized audio messages within the TDSEE app. These can be used for greetings or specific warnings.

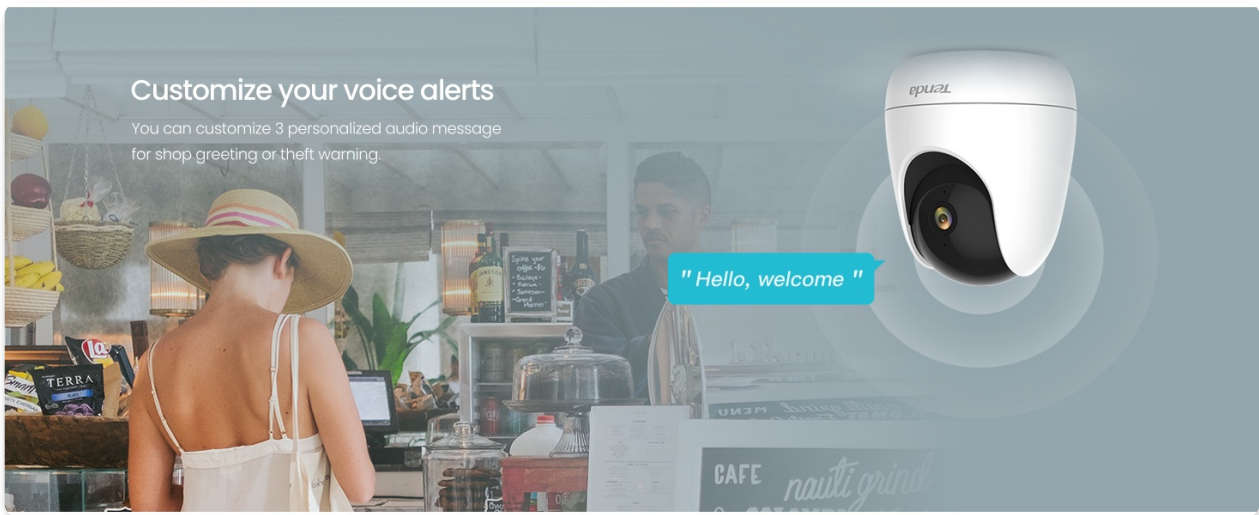


Image 4.10: A person in a shop setting, illustrating the use of customized voice alerts like "Hello, welcome".

4.9 Scheduled Patrol

Set pan/tilt patrol locations via the TDSEE app. The camera will then rotate cyclically according to your preset locations to monitor the area automatically.

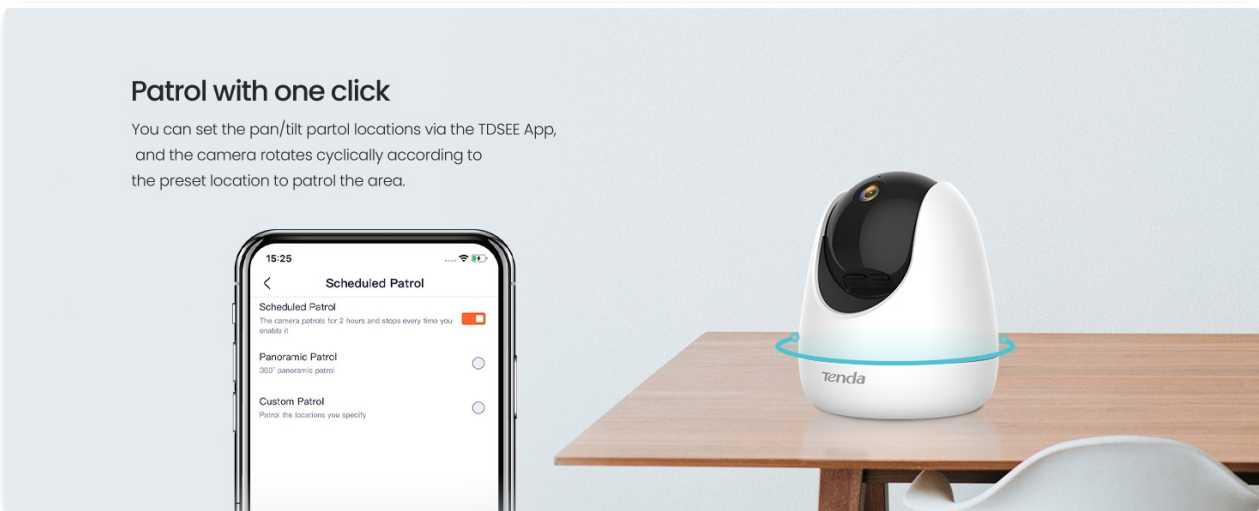


Image 4.11: A smartphone screen showing the 'Scheduled Patrol' settings in the TDSEE app, with the camera patrolling a room.

5. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Software Updates:** Regularly check the TDSEE app for firmware updates. Keeping your camera's software up-to-date ensures optimal performance and security.
- **Power Cycle:** If the camera experiences issues, try unplugging it from the power source for 10 seconds and then plugging it back in.
- **Environmental Conditions:** Ensure the camera is used within its specified operating temperature and humidity ranges. Avoid direct exposure to water or extreme temperatures.

6. TROUBLESHOOTING

6.1 Connectivity Issues

- **Camera Offline:** Ensure the camera is powered on and within range of your 2.4GHz Wi-Fi router. Check your Wi-Fi network status.
- **Cannot Connect to Wi-Fi:** Verify that your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks. Double-check your Wi-Fi password.
- **Weak Signal:** Relocate the camera closer to your Wi-Fi router or consider using a Wi-Fi extender.

6.2 Image/Video Quality Issues

- **Blurry Image:** Clean the camera lens with a soft cloth. Ensure there is adequate lighting in the monitoring area.
- **Poor Night Vision:** Ensure there are no obstructions blocking the infrared LEDs.

6.3 App Related Issues

- **App Not Responding:** Close and restart the TDSEE app. If the issue persists, reinstall the app.
- **Notifications Not Received:** Check your smartphone's notification settings for the TDSEE app to ensure they are enabled. Verify motion detection settings in the app.

7. SPECIFICATIONS

Feature	Specification
Model Name	Tenda CP7
Indoor/Outdoor Usage	Indoor
Video Capture Resolution	4 MP (2.5K)
Connectivity Technology	Wi-Fi (2.4GHz only)
Pan/Tilt Field of View	355° Horizontal, 155° Vertical
Night Vision Range	Up to 40 ft (12 meters)
Storage Options	Micro SD (up to 256GB), Cloud Storage
Two-Way Audio	Yes, with Digital Noise Reduction
Motion Detection	Yes, with Smart Tracking
Privacy Feature	Automatic Privacy Shutter
Compatible Devices	Alexa, Smartphone (TDSEE App)
Power Source	Corded Electric
Dimensions (L x W x H)	4.06 x 3.46 x 3.46 inches
Item Weight	7.5 ounces (214 Grams)

Feature	Specification
Material	Plastic
UPC	885397273875



Image 7.1: Detailed dimensions of the Tenda CP7 camera.

8. WARRANTY AND SUPPORT

Tenda provides a three-year quality guarantee for this product. During this period, if the product experiences any non-artificial quality problems, a free replacement service will be provided.

For technical support or warranty claims, please contact Tenda customer service:

- **Email:** support.us@tenda.cn

Additional resources, including the official installation manual, may be available on the Tenda website or through the TDSEE app.

