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ANTELA B0CBTGYPMN

ANTELA 4MP/2.5K Outdoor WiFi Surveillance Camera User Manual

Model: B0CBTGYPMN

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ANTELA 4MP/2.5K Outdoor WiFi Surveillance Camera. Designed for outdoor use, this camera offers high-resolution video, comprehensive area coverage with its Pan-Tilt-Zoom (PTZ) capabilities, advanced night vision, and smart detection features to enhance your property's security.



Figure 1.1: ANTELA 4MP/2.5K Outdoor WiFi Surveillance Camera with a mobile phone displaying its live feed, demonstrating the camera's wide viewing angle and remote monitoring capabilities.

2. Key Features

- **4MP/2.5K HD Resolution:** Provides clear and detailed video footage.
- **3 Night Vision Modes:** Intelligent, Full-Color, and Infrared night vision up to 50 meters for optimal visibility in low-light conditions.
- **360° PTZ Coverage:** Features 355° horizontal pan and 90° vertical tilt for comprehensive area monitoring.
- **Motion Detection & Alerts:** Real-time notifications upon detection of movement, with optional siren and flashing light deterrence.
- **Two-Way Audio:** Built-in microphone and speaker for remote communication.
- **24/7 Recording & Playback:** Supports local storage via Micro SD card (up to 128GB, not included) and cloud

storage options.

- **IP65 Weatherproof:** Durable design suitable for outdoor installation, resistant to dust and water splashes.
- **Smart Home Integration:** Compatible with Amazon Alexa and Google Home for voice control and integration into smart home ecosystems.
- **Multi-User Sharing:** Allows multiple users to access and view the camera feed simultaneously.



Figure 2.1: Overview of the camera's main functionalities, including its 360° rotation, night vision capabilities, storage options, and smart features.

3. Setup and Installation

3.1 Package Contents

Before beginning installation, ensure all components are present:

- ANTELA 4MP/2.5K Outdoor WiFi Surveillance Camera

- Power Adapter
- Mounting Screws and Wall Plugs
- User Manual (this document)

3.2 Powering On

Connect the provided power adapter to the camera's power input port and then plug it into a standard electrical outlet. The camera will initiate its startup sequence, which may include a self-test rotation.

3.3 App Download and Account Creation

Download the recommended mobile application (e.g., Tuya Smart or Smart Life) from your device's app store (iOS App Store or Google Play Store). Follow the in-app instructions to create a new account or log in if you already have one.

3.4 Connecting to Wi-Fi

Ensure your mobile device is connected to a 2.4GHz Wi-Fi network. The camera only supports 2.4GHz Wi-Fi. Open the app, select 'Add Device', and follow the on-screen prompts to connect the camera to your Wi-Fi network. This typically involves scanning a QR code generated by the app with the camera's lens or using sound wave pairing.

3.5 Physical Installation

Choose a suitable outdoor location for installation, ensuring it is within range of your 2.4GHz Wi-Fi signal and has access to a power source. The camera is IP65 weatherproof, making it suitable for various outdoor conditions. Use the provided mounting screws and wall plugs to securely attach the camera to a wall or ceiling. Ensure the camera has an unobstructed view of the area you wish to monitor.

4. Operating the Camera

4.1 Live View and PTZ Control

Access the live video feed through the mobile application. Use the on-screen controls to remotely pan (355° horizontal) and tilt (90° vertical) the camera lens to adjust the viewing angle. This allows for comprehensive coverage of your monitored area.

4.2 Resolution Settings

The camera supports 4MP/2.5K HD resolution, providing superior image clarity. You can adjust the video quality settings within the app based on your network bandwidth and storage preferences.



Figure 4.1: Visual comparison demonstrating the enhanced detail provided by 4MP/2.5K resolution compared to 3MP/2K.

4.3 Night Vision Modes

The camera offers three distinct night vision modes:

- **Infrared Night Vision:** Provides clear black and white images in complete darkness.
- **Full-Color Night Vision:** Utilizes built-in spotlights to render full-color images at night.
- **Smart Night Vision:** Automatically switches from infrared to full-color when motion is detected, illuminating the area.



Figure 4.2: Examples of the camera's night vision capabilities, including infrared, full-color, and smart alarm light modes.

4.4 Motion Detection and Alerts

Configure motion detection sensitivity and alert preferences within the app. When motion is detected, the camera can send real-time notifications to your mobile device. You can also enable the built-in siren and flashing light to deter intruders.

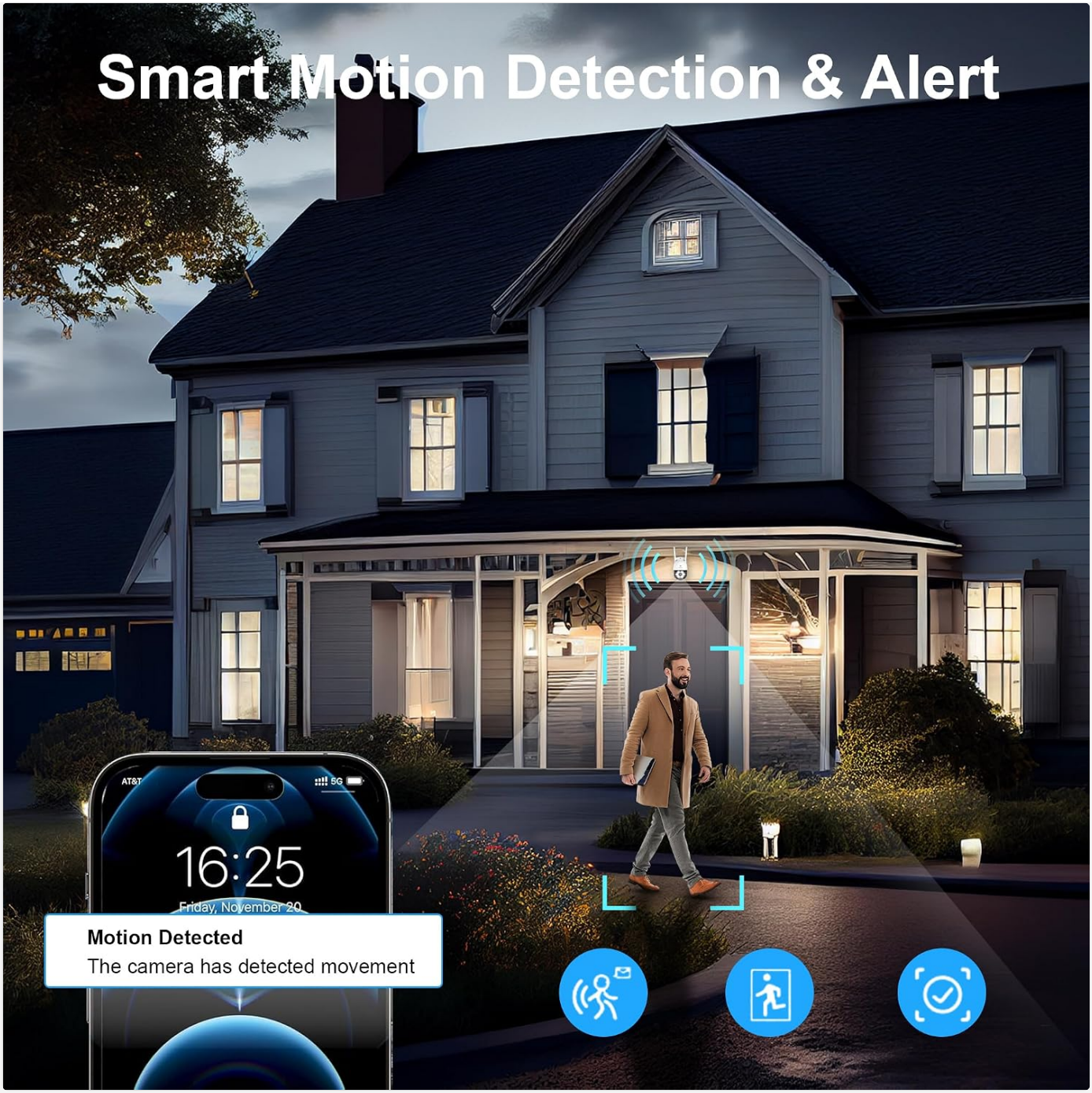


Figure 4.3: The camera's smart motion detection and alert system, including visual and auditory deterrence.

4.5 Two-Way Audio

Utilize the integrated microphone and speaker for two-way communication. This feature allows you to speak to visitors or deter unwanted individuals directly through the camera via the app.



Figure 4.4: Demonstrating the two-way audio function, enabling communication with individuals near the camera.

4.6 Recording and Storage

The camera supports continuous 24/7 recording. Video footage can be stored locally on a Micro SD card (not included, up to 128GB) or securely in the cloud (subscription may be required). You can review recorded footage directly from the app.



Figure 4.5: Storage options for continuous recording, including local SD card and cloud-based solutions.

4.7 Multi-User Sharing

Share access to your camera's live feed and recorded footage with family members or trusted individuals through the app's sharing feature. This allows multiple users to monitor the property simultaneously.

Multi-user Sharing



Figure 4.6: The multi-user sharing feature allows multiple individuals to monitor the camera feed.

4.8 Smart Home Integration

The camera can be integrated with smart home platforms like Amazon Alexa and Google Home. Refer to the respective smart home app's instructions for connecting your ANTELA camera for voice control and automated routines.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Firmware Updates:** Check the mobile application regularly for firmware updates. Keeping the camera's firmware updated ensures access to the latest features, security patches, and performance improvements.
- **Power Supply Check:** Ensure the power cable and adapter are free from damage and securely connected.
- **Wi-Fi Signal Strength:** Monitor the Wi-Fi signal strength in the app to ensure a stable connection. Relocate the

camera or use a Wi-Fi extender if the signal is consistently weak.

6. Troubleshooting

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera offline	No power; Weak Wi-Fi signal; Router issue	Check power connection; Move camera closer to router or use extender; Restart router.
Cannot connect to Wi-Fi	Incorrect Wi-Fi band (5GHz); Wrong password; Too far from router	Ensure 2.4GHz Wi-Fi; Re-enter password carefully; Reduce distance to router.
Poor image quality	Dirty lens; Low light; Network bandwidth issues	Clean lens; Ensure adequate lighting or enable night vision; Check network speed.
Motion alerts not received	Detection settings off; App notifications disabled; Network issues	Enable motion detection in app; Check phone notification settings; Verify network connection.
SD card not recording	SD card full/corrupted; Incorrect format; Not inserted properly	Format SD card in app; Replace card if corrupted; Reinsert card correctly.

7. Technical Specifications

Feature	Specification
Resolution	4MP/2.5K HD
Pan/Tilt Range	Horizontal 355°, Vertical 90°
Night Vision Range	Up to 50 meters
Wi-Fi Connectivity	2.4GHz Wi-Fi (5GHz not supported)
Storage Options	Micro SD card (up to 128GB), Cloud Storage
Weather Resistance	IP65
Power Input	Wired Electric (20 watts)
Compatible Devices	Smartphone (iOS/Android)
Dimensions (Package)	20.7 x 18.8 x 11.9 cm
Weight	680 g

8. Warranty and Support

Your ANTELA 4MP/2.5K Outdoor WiFi Surveillance Camera comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official ANTELA website.

For technical support, troubleshooting assistance, or any product-related inquiries, please contact ANTELA customer service through the contact information provided on the official website or within the mobile application. When contacting support, please have your product model (B0CBTGYPMN) and purchase details ready.

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