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ELECCTV C363-1PC

ELECCTV C363-W-1PC 2K QHD Dual-Band Wireless Outdoor Security Camera User Manual

Model: C363-1PC

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ELECCTV C363-W-1PC 2K QHD Dual-Band Wireless Outdoor Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.
The ELECCTV C363-W-1PC is a versatile outdoor security camera featuring 2K QHD resolution, dual-band 2.4GHz and 5GHz Wi-Fi connectivity, 3MP color night vision, and AI-enhanced motion detection. It is designed for reliable outdoor surveillance with an IP65 waterproof rating and supports integration with smart home systems like Alexa.

2. What's in the Box

Verify that all components are present upon unboxing:

- ELECCTV C363-W-1PC Camera
- Instruction Manual
- Mounting Screw Kit
- Camera Stand
- Data Cable (USB charging cable)



Image: The ELECCTV C363-W-1PC security camera with its wall-mount bracket.

3. Setup Guide

3.1 Initial Charging

Before first use, fully charge the camera's built-in 5200mAh battery using the provided data cable. A full charge can provide up to 3 months of use, depending on activity.

3.2 App Installation

Download and install the **tuya** app on your mobile device (available for iOS and Android). Create an account or log in if you already have one.

Image: Screenshots illustrating the tuya app interface for device setup and live viewing.

3.3 Device Pairing

1. Open the tuya app and tap 'Add Device' or the '+' icon.

2. Select 'Security Camera' from the device list.
3. The camera supports quick connection via Bluetooth. Ensure Bluetooth is enabled on your phone and follow the on-screen prompts in the app to pair the camera.
4. Once paired, select your 2.4GHz or 5GHz Wi-Fi network and enter the password. The camera supports both bands for flexible connectivity.



Image: A person installing the security camera on a wall while using the mobile app for setup, demonstrating easy Bluetooth pairing.

3.4 Mounting the Camera

The camera is designed for wall mounting and can be installed both indoors and outdoors. Choose a location that provides the desired viewing angle and is within Wi-Fi range.

1. Attach the camera stand to the desired surface using the provided mounting screws.
2. Secure the camera to the stand.
3. Adjust the camera angle to cover the desired area. The camera offers a 130-degree wide viewing angle.

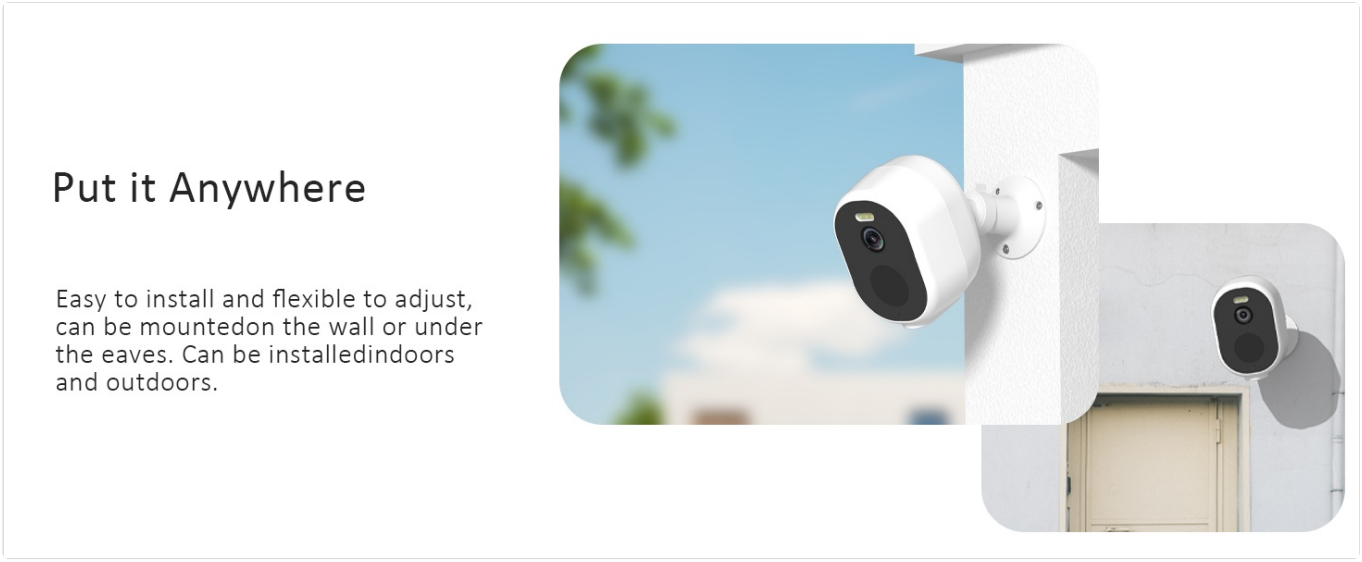

Image: Examples of the camera mounted on an outdoor wall and under an eave, illustrating flexible placement options.

4. Operating Instructions

4.1 Live View and Recording

Access the tuya app to view live footage from your camera. The camera captures video in 2K QHD (2304*1297) resolution, providing clear and detailed images. You can also review recorded events.

Image: A visual comparison demonstrating the enhanced detail of 2K QHD resolution compared to 1080p.

4.2 Night Vision

The camera features 3MP color night vision, enhanced by 3 LED lights, allowing for clear, full-color images even in low-light conditions. The night vision range extends up to 33 feet.



Image: A scene depicting the camera's color night vision capability, showing a clear, illuminated view at night.

4.3 Motion Detection and Alerts

The camera utilizes AI motion detection to identify people, vehicles, and pets. You can customize detection zones within

the app to focus on specific areas and reduce unnecessary alerts. Instant notifications with quick preview images are sent to your mobile device when motion is detected.

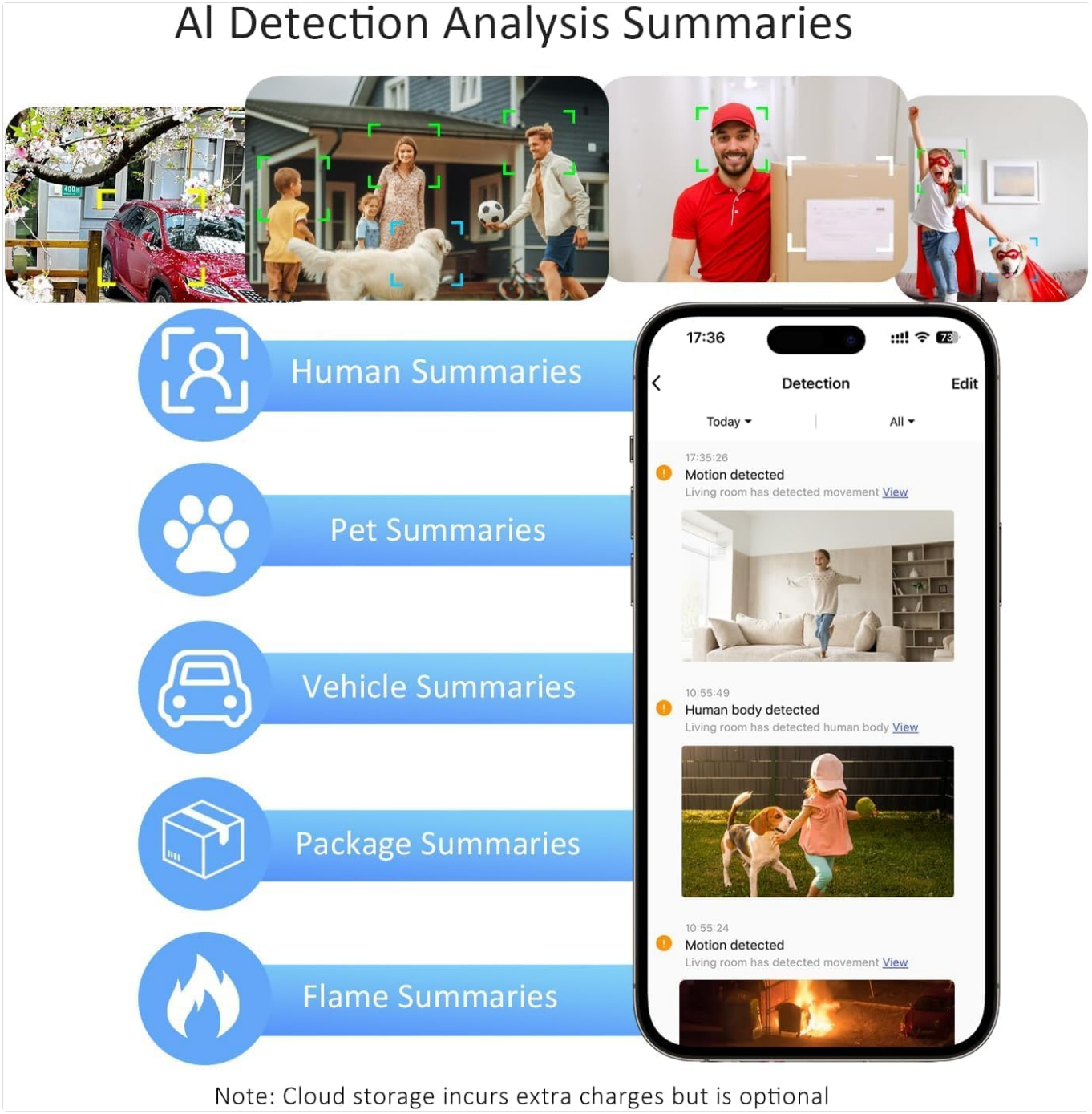

Image: An illustration of AI detection analysis summaries, categorizing detected events such as humans, pets, vehicles, and packages.

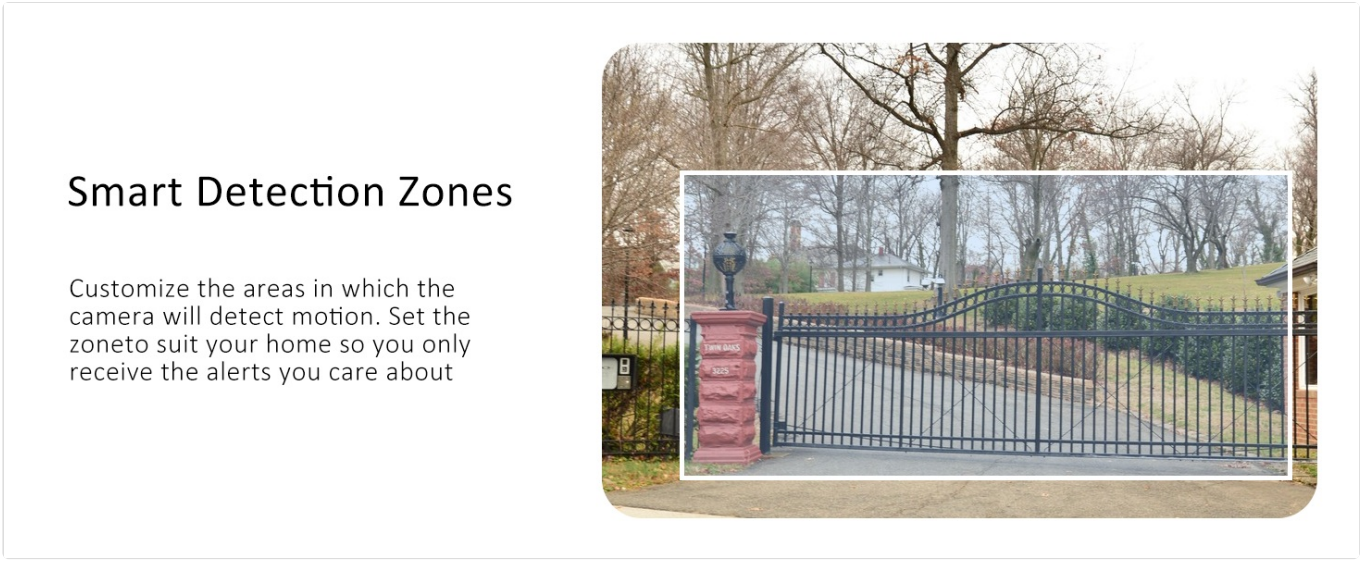

Image: A visual representation of smart detection zones, allowing users to define specific areas for motion monitoring.

4.4 Two-Way Audio

Communicate with visitors or deter intruders using the camera's enhanced two-way audio feature, which includes a louder speaker and a more sensitive microphone for clearer sound.



Image: A graphic illustrating the two-way audio function, showing a camera with speech bubbles for communication.

4.5 Storage Options

Video recordings can be saved to a Micro SD card (up to 128GB, not included) or via optional cloud storage services (additional charges may apply).

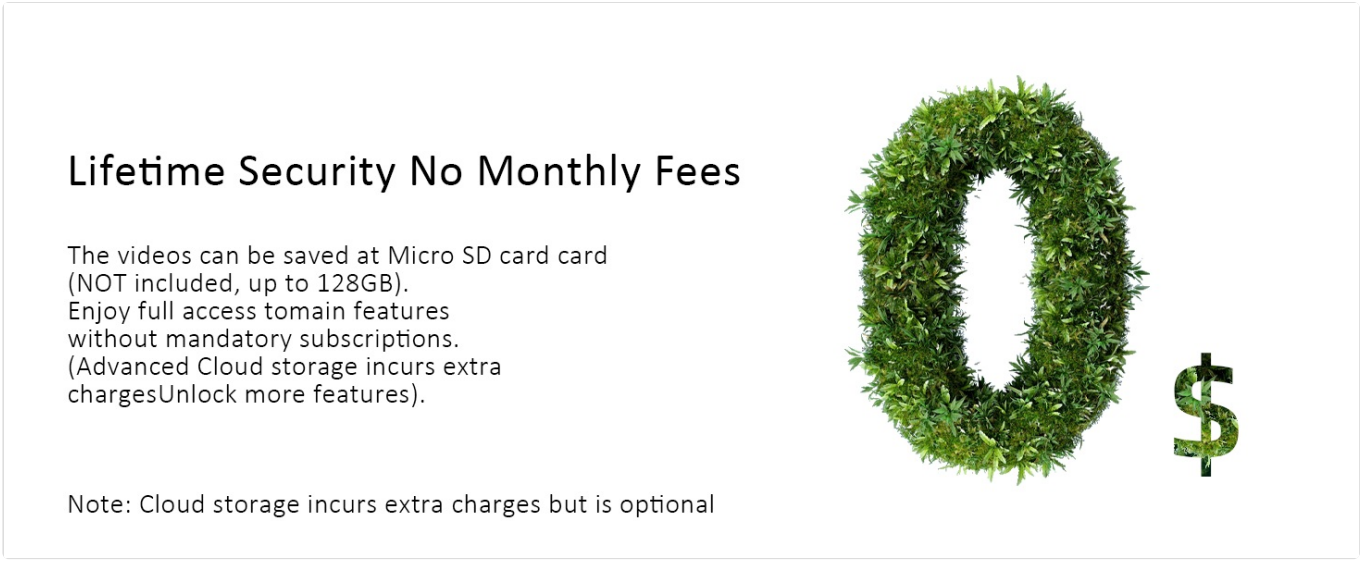

Image: A graphic detailing the two storage methods: Micro SD card and cloud storage, with a note about optional cloud charges.

4.6 Smart Home Integration

The camera supports integration with Amazon Alexa and Google Assistant, allowing for voice control and seamless management within your smart home ecosystem.

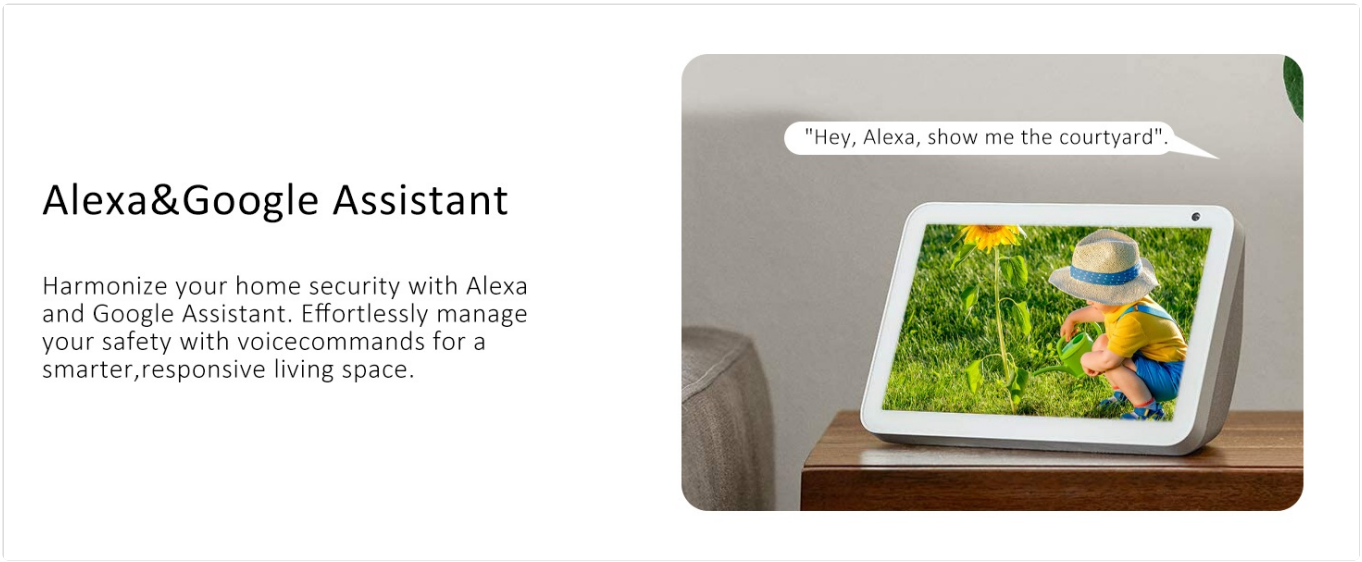

Image: A smart display showing a live camera feed, activated by an Alexa voice command, demonstrating smart home compatibility.

4.7 Advanced Features

- **Quad-view Live Streaming:** Monitor up to four cameras simultaneously within the app for comprehensive coverage.
- **6X Digital Zoom:** Zoom in on live or recorded footage to view details such as faces or license plates.
- **130° Ultra Wide-angle:** Capture an expansive, blind-spot-free view of your property.

Quad-viewLive streaming simultaneously

Easily control and monitor 4 camerassimultaneously for expansive coverage. Viewlive feeds from anywhere, at any time.



Image: A mobile phone screen showing simultaneous live feeds from four security cameras in a quad-view layout.

6X Digital Zoom

Clearly see faces and read license plates on this 2K QHD security camera toidentify who is coming or going.



Image: A visual demonstrating the 6X digital zoom capability, highlighting a license plate for clarity.

130° Ultra Wide-angle

Capture everything with the 130° Ultra wide-anglelens, designed for an extensive, blind-spot-freeview.



Image: A wide-angle view of a house and driveway, illustrating the camera's 130-degree field of view.

5. Maintenance

5.1 Battery Management

The camera's 5200mAh battery provides extended operation. Monitor the battery level through the tuya app and recharge as needed using the provided data cable. For optimal battery life, avoid extreme temperatures.

5.2 Cleaning

To maintain clear image quality, periodically clean the camera lens and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.

5.3 Weather Resistance

The camera has an IP65 waterproof rating, making it resistant to dust and water jets. While designed for outdoor use, ensure the charging port cover is securely closed to prevent water ingress.



Image: The security camera shown in rainy conditions, emphasizing its IP65 waterproof design.

6. Troubleshooting

If you encounter issues with your ELECCTV C363-W-1PC camera, refer to the following common solutions:

- **Camera not connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4GHz or 5GHz and the password is correct.
  - Move the camera closer to your Wi-Fi router to improve signal strength.
  - Restart your router and the camera.
  - Verify that your mobile device's Bluetooth is enabled during the pairing process.
- **Poor image quality:**
  - Clean the camera lens.
  - Ensure there are no obstructions in the camera's field of view.
  - Check your Wi-Fi connection speed; a weak signal can affect streaming quality.
- **Motion detection not working or too sensitive:**
  - Adjust the motion detection sensitivity settings in the tuya app.
  - Define or refine custom detection zones to focus on relevant areas.
  - Ensure the camera's firmware is up to date.
- **Short battery life:**
  - Reduce the frequency of motion detection events or live view access.
  - Ensure the camera is fully charged.
  - Extreme cold temperatures can reduce battery performance.
- **Two-way audio issues:**
  - Check the volume settings on your mobile device and within the tuya app.
  - Ensure there are no obstructions blocking the camera's microphone or speaker.

7. Specifications

Feature	Specification
Model Name	C363-1PC
Indoor/Outdoor Usage	Outdoor (Recommended for Indoor/Outdoor)
Video Capture Resolution	2K QHD (2304*1297)
Connectivity Technology	Wireless (Wi-Fi)
Wi-Fi Frequency	2.4GHz & 5GHz Dual-Band
Power Source	Battery Powered (5200 Milliamp Hours)

Feature	Specification
Viewing Angle	130 Degrees
Night Vision Range	33 Feet
Low Light Technology	Color Night Vision
International Protection Rating	IP65
Compatible Devices	Alexa & O-KAM Pro APP
Control Method	App
Mounting Type	Wall Mount
Item Dimensions (L x W x H)	5.5 x 2 x 4 inches
Item Weight	10.5 ounces
Special Features	Motion Sensor, AI Enhanced Night Vision, 2-Way Audio, Easy to Install, Quick Connection in Bluetooth, 2K QHD Resolution, 2.4&5Ghz-Wifi

8. Warranty and Support

ELECCTV is committed to providing excellent customer service. If you have any questions about your security camera system or require assistance, please contact the ELECCTV customer service team. We offer 24-hour quick response support to address your concerns.
Refer to the contact information provided in the original product packaging or on the official ELECCTV website for specific support channels.

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