

Caytail DK201

Caytail 2K Wireless Outdoor PTZ Security Camera with Solar Panel

Model: DK201 - User Manual

For optimal performance, please read this manual thoroughly before use.

1. INTRODUCTION

The Caytail DK201 is a 2K wireless outdoor PTZ security camera designed for comprehensive surveillance. Featuring a high-capacity 5200 mAh battery and a 3W high-efficiency solar panel, it offers an eco-friendly and economical power solution, ensuring continuous operation. With a 360° ultra-wide field of view and IP65 certification, it is suitable for various outdoor environments.

This camera provides clear and precise 2K HD images, including color night vision. It is equipped with intelligent PIR motion detection and two-way audio for communication and immediate alerts.



Figure 1: Caytail DK201 Camera Key Features Overview

2. PRODUCT CONTENTS

Please verify that all items are present in the package:

- Caytail 2K Wireless Outdoor PTZ Security Camera
- Solar Panel (3W)
- Mounting Bracket
- Installation Guide
- Screws and Wall Plugs for Installation

3. SETUP AND INSTALLATION

3.1 Physical Installation

The camera is designed for outdoor use and can be mounted on walls, trees, or roofs. Use the provided screws and mounting bracket for secure installation. Ensure the solar panel is positioned to receive

maximum direct sunlight throughout the day for optimal charging.



Figure 2: Outdoor Installation with Solar Panel

3.2 App Configuration (Ubox App)

Follow these steps to connect your camera to the Ubox app:

1. **Download the Ubox App:** Search for "Ubox" on the App Store (iOS) or Google Play Store (Android) and install it.
2. **Create an Account:** Open the Ubox app and register for a new account, then log in.
3. **Reset Camera:** Press and hold the reset button on the camera for more than 3 seconds until it enters pairing mode.
4. **Add Device:** In the app, click the "+" icon to add a new device and select "Configure Wi-Fi Device".
5. **Connect to Wi-Fi:** Select your 2.4 GHz Wi-Fi network and enter the password to complete the connection. (Note: The camera only supports 2.4 GHz Wi-Fi networks).

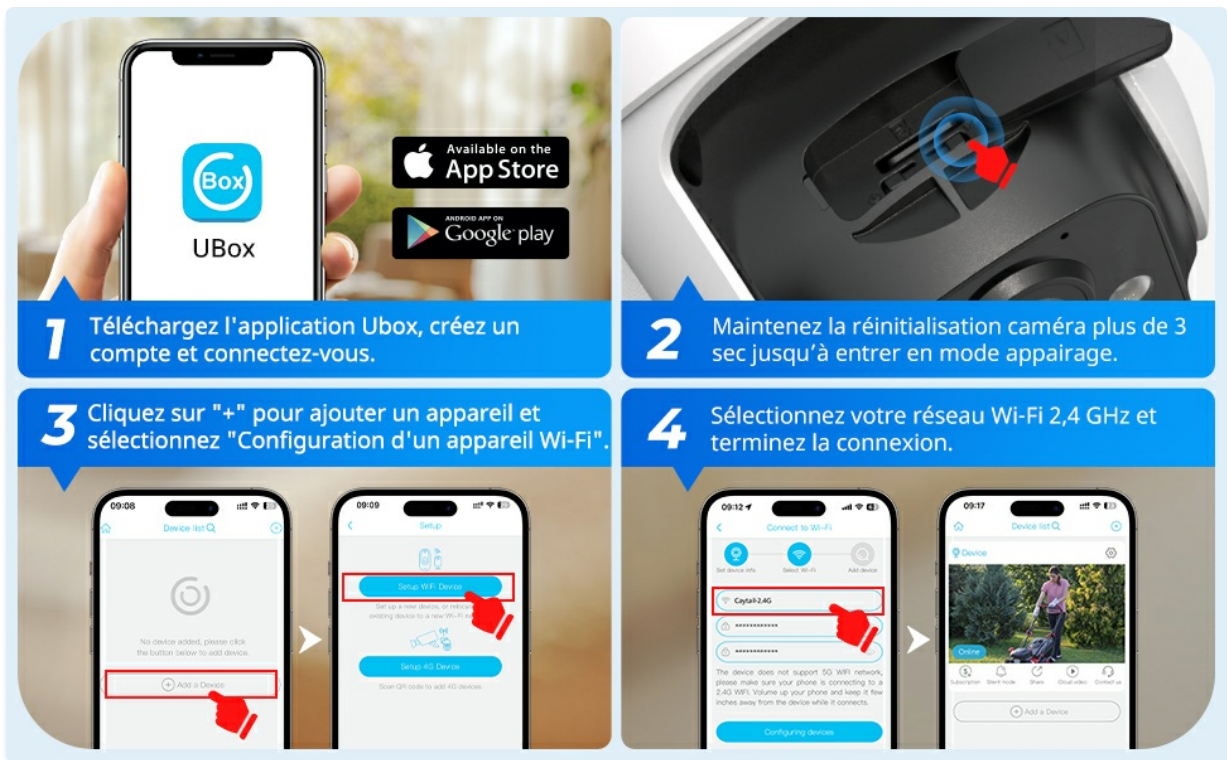


Figure 3: Ubox App Connection Steps

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

Access the live video feed through the Ubox app. Use the on-screen controls to pan (360° horizontally) and tilt (90° vertically) the camera to adjust the viewing angle. This allows for comprehensive coverage without blind spots.

Vue à 360° sans Angles Morts

Chaque détail de chaque virage est enregistré pour vous



Figure 4: 360° Pan and 90° Tilt Functionality

4.2 Motion Detection and Alerts

The camera features intelligent PIR motion detection. When motion is detected, you will receive immediate alarm notifications on your phone via the Ubox app. The camera can also trigger a sound alarm to deter intruders.

Détection de Mouvement PIR

Réduit efficacement de 90% les fausses alarmes



Figure 5: PIR Motion Detection in Action

4.3 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to speak with visitors or deter unwanted individuals remotely through the app.

Audio Bidirectionnel Pratique

Communiquer avec les visiteurs sans être sur place

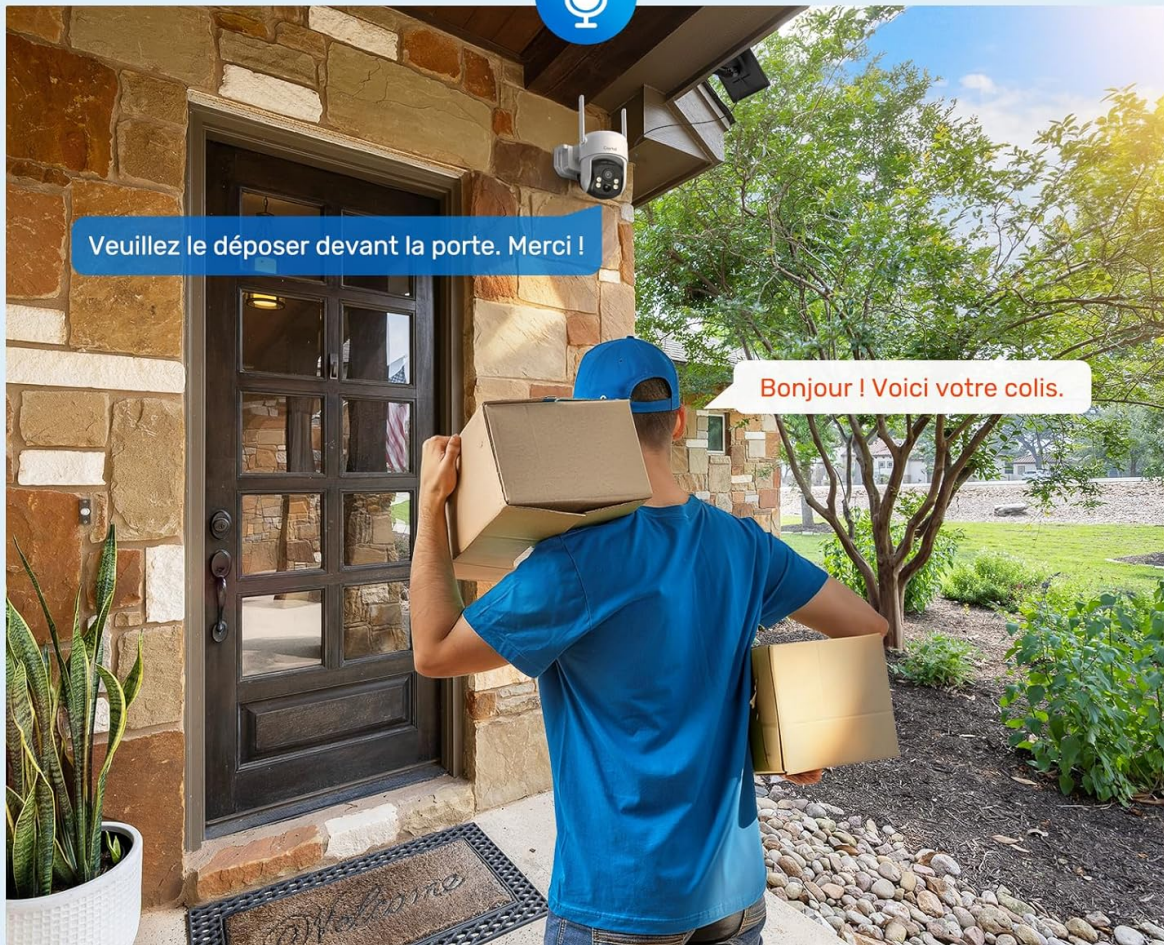


Figure 6: Two-Way Audio Communication

4.4 Night Vision

The camera provides 2K HD color night vision. In low-light conditions, the camera will activate a warm light to capture clear, full-color images up to 10 meters.

Vision Nocturne Couleur Haute Définition 2K

Offre des images nettes et détaillées de jour comme de nuit



Figure 7: 2K HD Color Night Vision

4.5 Storage Options

The camera supports two storage methods:

- **MicroSD Card:** Compatible with microSD cards up to 128 GB for local storage and loop recording.
- **Cloud Storage:** A 30-day free trial of cloud storage is available. Choose the storage method that best suits your needs.



Figure 8: MicroSD and Cloud Storage Options

5. MAINTENANCE

The Caytail DK201 camera is IP65 certified, making it resistant to dust and water. This ensures reliable operation in various weather conditions.

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to ensure clear vision and efficient solar charging.
- **Solar Panel Placement:** Ensure the solar panel remains free from obstructions (e.g., leaves, dirt) that could reduce its charging efficiency.
- **Firmware Updates:** Check the Ubox app regularly for firmware updates to ensure your camera has the latest features and security enhancements.

Étanchéité IP65

Résistant à toutes les conditions météorologiques défavorables



Figure 9: IP65 Weather Resistance

6. TROUBLESHOOTING

If you encounter issues with your Caytail DK201 camera, please refer to the following common solutions:

- **Camera Not Connecting to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4 GHz. The camera does not support 5 GHz networks.
- Verify the Wi-Fi password is correct.
- Place the camera closer to your Wi-Fi router to improve signal strength. Thick walls can reduce signal range.
- Restart your router and the camera, then attempt to reconnect.

- **Poor Image Quality:**

- Clean the camera lens to remove any dirt or smudges.
- Ensure there are no obstructions in the camera's field of view.
- Check your internet connection speed. A stable connection is required for high-quality streaming.

- **Battery Not Charging:**

- Ensure the solar panel is clean and receives direct sunlight for several hours daily.
- Verify the connection cable between the solar panel and the camera is secure.
- In prolonged cloudy weather, the battery may drain. Consider temporarily charging the camera via USB if available.

- **Motion Detection Not Working:**

- Check the motion detection settings in the Ubox app to ensure it is enabled and sensitivity is adjusted correctly.
- Ensure there are no objects (e.g., tree branches, flags) that might cause false alarms due to movement.

For further assistance, please contact Caytail customer support.

7. SPECIFICATIONS

Feature	Specification
Model Name	DK201
Brand	Caytail
Connectivity Technology	Wireless, Wi-Fi (2.4 GHz)
Resolution	2K (3 Megapixels effective)
Pan/Tilt (PTZ)	360° Horizontal, 90° Vertical
Night Vision	Color Night Vision (up to 10 meters)
Motion Detection	PIR Motion Detector
Audio	Two-Way Audio
Power Source	Solar Panel (3W) / Built-in 5200 mAh Battery
Storage	MicroSD (up to 128 GB), Cloud Storage
Weather Resistance	IP65 Waterproof
Compatible Devices	Smartphone (Ubox App)
Dimensions	15 x 12 x 12 cm
Weight	300 Grams

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your

product or contact Caytail customer service directly. Amazon's return policy allows for returns within 30 days of purchase.

Contact Information: Please visit the official Caytail website or refer to your purchase receipt for customer support details.

© 2023 Caytail. All rights reserved.