

## TMEZON MZ-C8-4G-EU

# TMEZON 4G LTE Solar Wireless Outdoor Security Camera User Manual

Model: MZ-C8-4G-EU

## 1. INTRODUCTION

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Thank you for choosing the TMEZON 4G LTE Solar Wireless Outdoor Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your camera. Please read this manual thoroughly before use to ensure proper functionality and to maximize the camera's performance.

This camera is designed for outdoor surveillance in areas without Wi-Fi access, utilizing 4G LTE connectivity. It features a built-in rechargeable battery and a solar panel for continuous power, 2K resolution, 355° pan and 90° tilt capabilities, color night vision, PIR motion detection, and two-way audio communication.

## 2. PACKAGE CONTENTS

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Please check the package contents upon receipt. If any items are missing or damaged, contact customer support.

- TMEZON 4G LTE Solar Wireless Outdoor Security Camera
- Solar Panel
- Mounting Bracket
- Mounting Screws and Anchors
- USB Charging Cable
- User Manual
- Pre-installed 100MB SIM Card

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the camera's components.

# 4G LTE Signal, No Wifi Needed

100MB SIM Card pre-installed



Image: Front view of the TMEZON 4G LTE Solar Wireless Outdoor Security Camera, showing the main camera unit, solar panel, and antennas. This camera operates using 4G LTE signal, eliminating the need for Wi-Fi.

- **Camera Lens:** Captures video footage.
- **Infrared LEDs:** For black and white night vision.
- **Spotlights:** For color night vision and alarm illumination.
- **PIR Sensor:** Detects motion based on heat signatures.
- **Microphone:** Captures audio for two-way communication and recording.

- **Speaker:** Outputs audio for two-way communication and alarms.
- **Antennas:** For 4G LTE signal reception.
- **Solar Panel:** Charges the internal battery using sunlight.
- **SIM Card Slot:** For the 4G LTE SIM card.
- **Micro SD Card Slot:** For local video storage (up to 128GB, not included).
- **Reset Button:** Used to reset the camera to factory settings.
- **USB Charging Port:** For initial charging or manual charging.

## 4. SETUP

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### 4.1 Initial Charging

Before first use, fully charge the camera's built-in battery using the provided USB cable and a 5V/2A power adapter (not included). The charging indicator light will turn solid blue when fully charged.

### 4.2 SIM Card & Micro SD Card Installation

The camera comes with a pre-installed 100MB SIM card. If you wish to use your own SIM card or install a Micro SD card for local storage, follow these steps:

1. Locate the SIM card and Micro SD card slots on the camera body. These are typically protected by a rubber cover.
2. Carefully open the rubber cover.
3. Insert the Nano SIM card into the SIM card slot with the gold contacts facing down and the notched corner oriented correctly. Push until it clicks into place.
4. Insert a Micro SD card (Class 10 or higher, up to 128GB, not included) into the Micro SD card slot with the gold contacts facing down. Push until it clicks into place.
5. Ensure both cards are securely seated.
6. Close the rubber cover firmly to maintain the camera's IP65 waterproof rating.



Image: Close-up view of the camera's card slots, showing how to insert a Nano SIM card (included) and a Micro SD card (not included).

### 4.3 App Installation & Account Creation

The camera operates with the UBox app. Download it from your smartphone's app store (iOS App Store or Google Play Store).

1. Search for "UBox" in your app store and download the application.
2. Open the UBox app and register a new account using your email address.

3. Follow the on-screen instructions to complete the registration and login process.

## 4.4 Camera Pairing

1. Ensure your camera is powered on and fully charged.
2. Open the UBox app and tap the "+" icon to add a new device.
3. Select "4G Camera" or "Add 4G Device" from the options.
4. Scan the QR code located on the camera or its packaging.
5. Follow the app's prompts to connect the camera. The camera will emit a voice prompt when successfully connected.
6. Name your camera for easy identification.

## 4.5 Mounting the Camera

Choose a suitable location for mounting the camera. Consider areas with good 4G signal reception and sufficient sunlight exposure for the solar panel.

1. **Select Location:** Identify a mounting spot that provides the desired viewing angle and receives direct sunlight for several hours daily.
2. **Mark Drill Holes:** Use the mounting bracket as a template to mark the positions for drilling holes on the wall or surface.
3. **Drill Holes:** Drill holes at the marked positions. Insert wall anchors if mounting on masonry or concrete.
4. **Attach Bracket:** Secure the mounting bracket to the wall using the provided screws.
5. **Attach Camera:** Mount the camera onto the bracket. Adjust the angle of the solar panel to maximize sun exposure.
6. **Secure Connections:** Ensure all cables (solar panel to camera) are securely connected and protected from weather.

# Wire-Free Solar Powered Camera

Solar panel keeps charging the battery, no need to charge manually



Image: The TMEZON camera mounted outdoors with its solar panel, illustrating its wire-free, solar-powered operation.



Image: The camera being sprayed with water, highlighting its IP65 waterproof rating, suitable for outdoor use in various weather conditions.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Live View & Pan/Tilt Control

Access the live video feed and control the camera's movement through the UBox app.

- Open the UBox app and select your camera from the device list.
- The live video feed will appear.
- Use the directional controls (pan/tilt) on the app interface to rotate the camera horizontally (355°) and vertically (90°).



## **355° horizontal & 90° vertical rotation**

Allows you to remotely control the left and right/up and down



Image: A smartphone displaying the live view from the camera, with on-screen controls for 355° horizontal and 90° vertical rotation.

### **5.2 Motion Detection & Alerts**

The camera uses PIR (Passive Infrared) detection to identify human movement and send alerts.

- Enable motion detection in the camera settings within the UBox app.
- Adjust sensitivity levels as needed to minimize false alarms.
- When motion is detected, the camera will send an alert notification to your smartphone.

- The camera can also activate its spotlights and siren as an alarm.

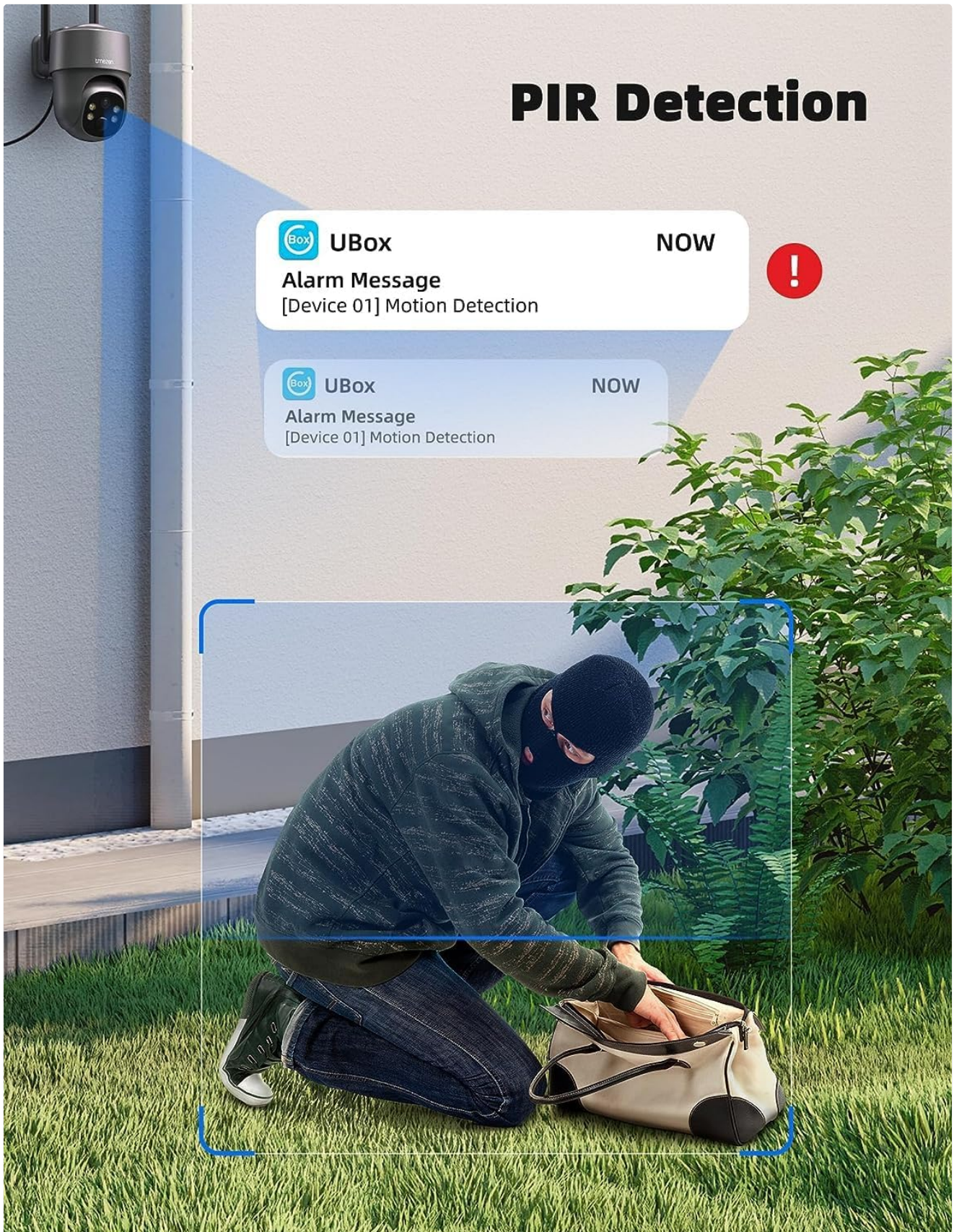


Image: A smartphone screen showing a "Motion Detection" alarm message from the UBox app, indicating a person detected by the camera.

# Flashes et Sirènes avertissent les intrus



Sirène  
d'alarme



Flashes  
On/Off

Sortez d'ici tout de suite !

1:39

Monday, August 17

UBox

NOW

UBox

NOW

Alarm Message

Person is detected from Device 01.



Image: The camera's alarm siren and flashes activating in response to an intruder, with a smartphone notification showing "Person is detected from Device 01."

## 5.3 Two-Way Audio

Communicate with visitors or deter intruders using the camera's built-in microphone and speaker.

- While in live view, tap the microphone icon in the UBox app to speak.
- Your voice will be transmitted through the camera's speaker.
- Release the microphone icon to listen to the audio from the camera's location.

# 2-Way Interactive Conversation

See, hear and speak to people

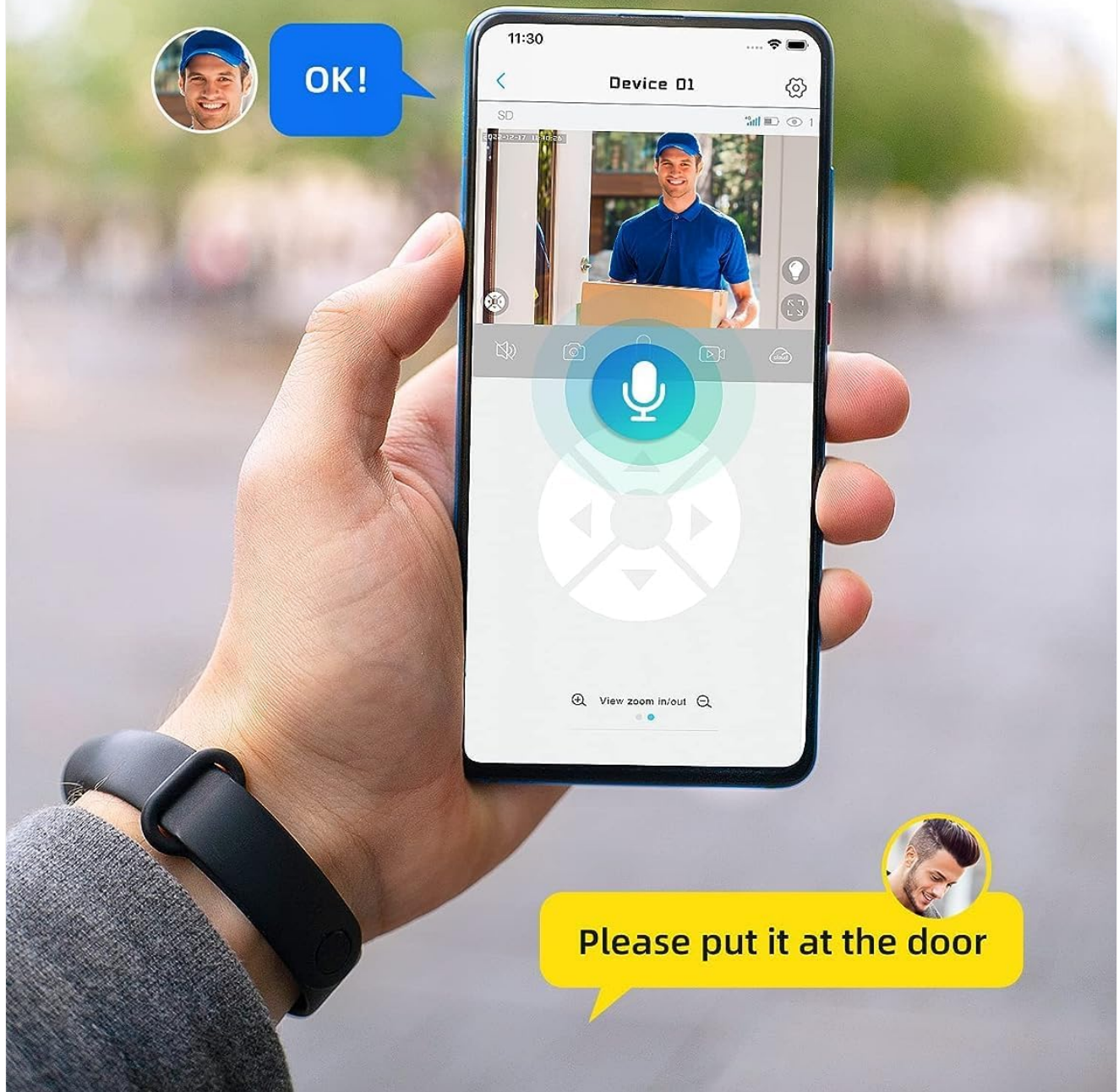


Image: A smartphone displaying the UBox app interface for two-way communication, showing a person speaking through the camera to a delivery person.

## Communication en temps réel

Parlez avec les visiteurs en temps réel grâce au microphone et au haut-parleur intégrés.

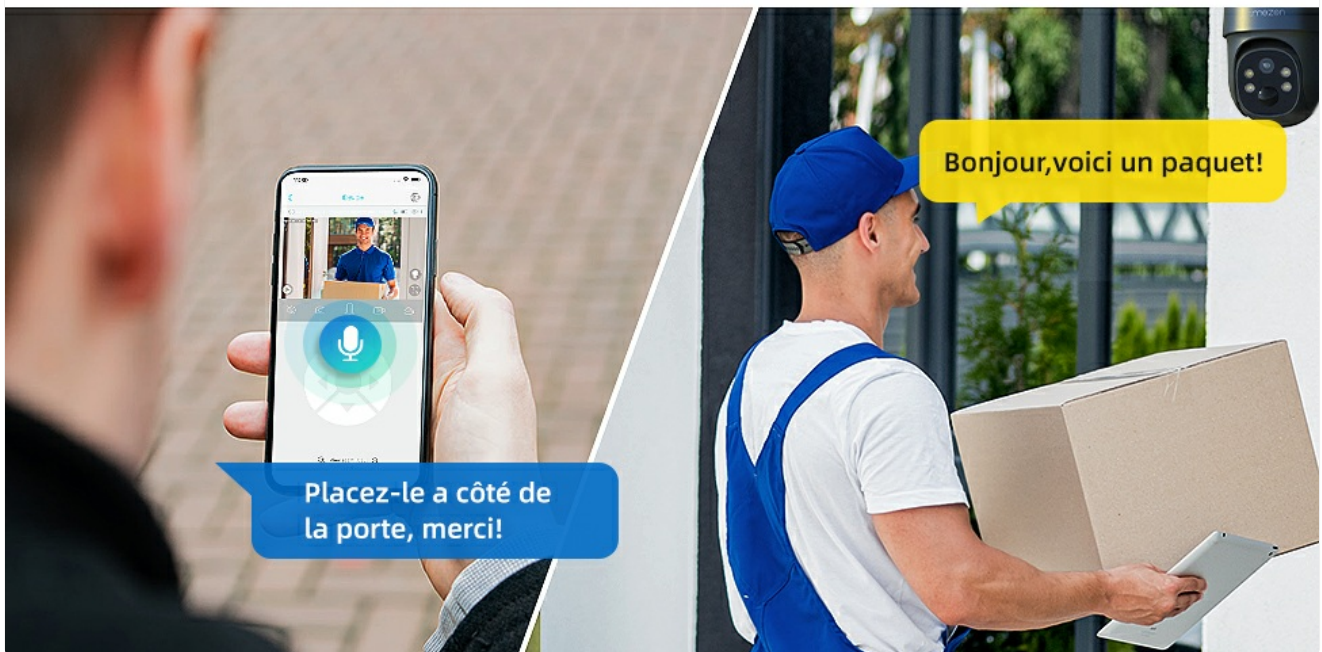


Image: A user communicating in real-time with a delivery person via the camera's two-way audio feature, instructing them to place a package by the door.

### 5.4 Recording & Playback

The camera supports both Micro SD card storage and cloud storage (subscription may be required).

- Motion-triggered events are automatically recorded.
- To view recordings, navigate to the "Playback" section in the UBox app.
- Select the date and time to review recorded footage.
- If the Micro SD card is full, older recordings will be overwritten by new ones.

# 24/7 Recording

Playback video  
anytime, anywhere



Micro SD Card  
Storage



Cloud Storage

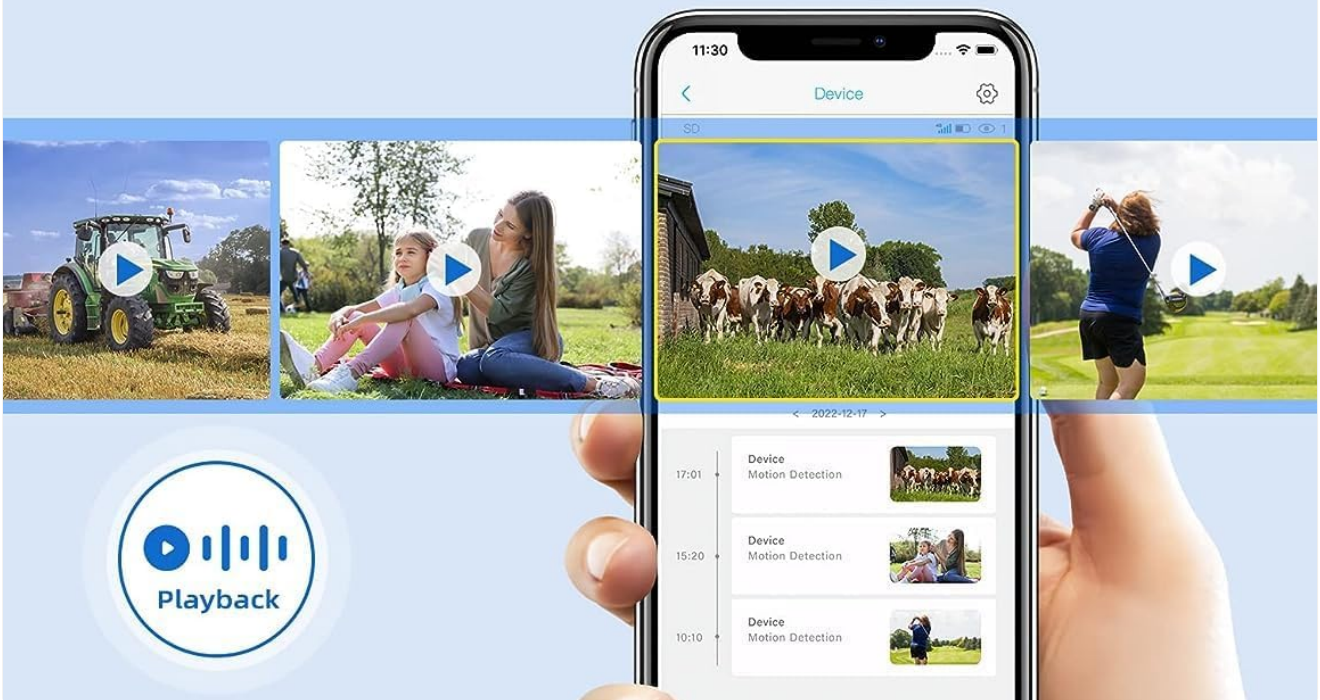


Image: A smartphone displaying the UBox app's playback interface, showing a timeline of recorded events and various video clips.

## 5.5 Night Vision Modes

The camera offers two night vision modes:

- **Infrared (IR) Night Vision:** Provides clear black and white video in low-light conditions.
- **Color Night Vision:** Activates the camera's spotlights to provide full-color video even in darkness. This mode can be enabled in the app settings.

# 3MP 2K FHD Color Night Vision



Image: The TMEZON camera operating at night with its spotlights on, providing clear 2K color night vision of the surrounding area.

## 2K 3MP Couleur Vision Nocturne



Image: A split image demonstrating the difference between night vision with spotlights off (monochrome) and spotlights on (color), showcasing the camera's 2K color night vision capability.

## 6. MAINTENANCE

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### 6.1 Battery & Solar Panel Care

- Regularly check the battery level in the UBox app.
- Ensure the solar panel is clean and free from dust, dirt, or obstructions (e.g., leaves, snow) to ensure efficient charging.
- Position the solar panel to receive maximum direct sunlight throughout the day.
- If the camera's battery level is consistently low due to insufficient sunlight, consider manually charging it via the USB port.

### 6.2 Cleaning

- Use a soft, damp cloth to clean the camera lens and body.
- Do not use harsh chemicals or abrasive cleaners, as these can damage the camera's finish or lens.
- Ensure the rubber covers for the card slots and charging port are securely closed after any maintenance to maintain waterproofing.

## 7. TROUBLESHOOTING

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### 7.1 Camera Not Connecting to 4G Network

- Ensure the SIM card is correctly inserted and activated.
- Check if the SIM card has an active data plan.
- Verify 4G signal strength at the camera's location. Move the camera to an area with better signal if necessary.
- Restart the camera by pressing the reset button or power cycling it.

## 7.2 Frequent Disconnections

- Poor 4G signal strength can cause disconnections. Relocate the camera or consider a 4G signal booster.
- Ensure the camera's battery is sufficiently charged.

## 7.3 Motion Detection Not Working or Too Many False Alarms

- Check motion detection settings in the UBox app. Ensure it is enabled.
- Adjust PIR sensitivity levels. Lower sensitivity for fewer false alarms, higher for more sensitive detection.
- Ensure there are no objects (e.g., tree branches, reflective surfaces) that might trigger false alarms in the detection zone.

## 7.4 Cannot View Recordings

- Ensure a Micro SD card is inserted correctly and formatted (if applicable) in the app.
- Check if cloud storage is active and your subscription is valid.
- Verify that motion detection recording is enabled in the app settings.

## 7.5 Camera Not Charging via Solar Panel

- Ensure the solar panel is clean and free from obstructions.
- Verify the solar panel cable is securely connected to the camera.
- Check if the solar panel is receiving direct sunlight for several hours daily.
- In prolonged cloudy weather, manual charging via USB may be required.

## 8. SPECIFICATIONS

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Feature	Detail
Model Number	MZ-C8-4G-EU
Connectivity Technology	Wireless (4G LTE)
Resolution	2K (2000 Pixels effective capture)
Pan Angle	355 Degrees
Tilt Angle	90 Degrees
Night Vision	Color Night Vision
Special Features	Motion Detector, Two-Way Audio
Power Source	Solar Powered (with 9,600 mAh rechargeable battery)
Battery Type	2 Lithium-ion (included)
Voltage	5 Volts
Wattage	5 Watt-hours
IP Rating	IP65 (Waterproof)
Storage	Micro SD Card (up to 128GB, not included), Cloud Storage (subscription optional)

Feature	Detail
Controller Type	Android (UBox App)
Mounting Type	Wall Mount

## 9. WARRANTY AND SUPPORT

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### 9.1 Warranty Information

TMEZON products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official TMEZON website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

### 9.2 Customer Support

If you encounter any issues or have questions regarding your TMEZON 4G LTE Solar Wireless Outdoor Security Camera, please contact TMEZON customer support. Contact information can usually be found on the official website or in the product packaging.

- **Online Support:** Visit the TMEZON official website for FAQs, troubleshooting guides, and contact forms.
- **Email Support:** Refer to your product documentation for the customer support email address.