CP PLUS EZ-R31G

CP PLUS EZ-R31G 3MP Outdoor 4G SIM-Based Bullet CCTV Camera User Manual

Model: EZ-R31G

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your CP PLUS EZ-R31G 3MP Outdoor 4G SIM-Based Bullet CCTV Camera. Please read this manual carefully before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The CP PLUS EZ-R31G is a 3MP outdoor bullet camera designed for wireless security surveillance using 4G SIM connectivity. It features high-resolution video, night vision, two-way audio, motion and human detection, and a built-in siren.

2.1. Package Contents

Verify that all items are present in the package:

- Camera Unit
- Power Adapter
- Screw Package for mounting

2.2. Key Features

- **3MP High-Resolution Video:** Captures clear 2304×1296 resolution footage.
- **4G SIM-Based Connectivity:** Operates wirelessly using a 4G SIM card for remote monitoring.
- **Motion & Human Detection:** Intelligent AI-based detection to minimize false alerts.
- **Night Vision:** Equipped with 18 IR LEDs for up to 25 meters of clear visibility in darkness.
- **Two-Way Audio:** Built-in microphone and speaker for communication.
- **Built-in Siren:** Automatic siren triggers upon suspicious activity.
- **Local Storage:** Supports microSD card up to 256GB.
- **ONVIF Support:** Compatible with most NVRs and third-party platforms.

Figure 1: Front view of the CP PLUS EZ-R31G camera. This image displays the camera's lens, IR LEDs, and overall bullet design.

Figure 2: Overview of key features including 3MP resolution, 4G LTE support, in-built siren, human body detection, and ONVIF protocol support.

3. SETUP GUIDE

3.1. SIM Card and MicroSD Card Installation

The camera requires a 4G SIM card for network connectivity and a microSD card (up to 256GB, not included) for local video storage.

1. Locate the SIM card slot and microSD card slot on the camera body. These are typically protected by a cover secured with screws.
2. Carefully open the protective cover using a small screwdriver.
3. Insert the activated 4G SIM card into its designated slot with the metal contacts facing down, ensuring it clicks into place.
4. Insert the microSD card into its slot until it clicks.
5. Securely close the protective cover to ensure weather resistance.

3.2. Power Connection

Connect the provided power adapter to the camera's power input port and then plug it into a suitable power outlet. The camera will power on and initiate its startup sequence.

3.3. Mobile App Installation (ezyLiv)

To manage and view your camera, download the official CP PLUS ezyLiv app on your smartphone.

1. Search for "ezyLiv" in your device's app store (Google Play Store for Android or Apple App Store for iOS).
2. Download and install the app.
3. Open the app and register for a new account or log in if you already have one.

3.4. Device Pairing

Follow these steps to add your camera to the ezyLiv app:

1. Ensure your camera is powered on and the 4G SIM card is active and has data.
2. In the ezyLiv app, tap the "+" icon to add a new device.
3. Select the appropriate camera type or scan the QR code located on the camera or its packaging.
4. Follow the on-screen prompts to complete the pairing process. This may involve confirming network settings or device status.

3.5. Mounting the Camera

The EZ-R31G is designed for outdoor use and can be mounted on a wall or ceiling.

1. Choose a suitable location that provides the desired viewing angle and is within range of a power source. Ensure the location offers good 4G signal strength.
2. Use the provided screw package to securely attach the camera's mounting bracket to the chosen surface.
3. Adjust the camera's angle to cover the desired surveillance area.

4. OPERATING INSTRUCTIONS

4.1. Live View

Once the camera is paired, open the ezyLiv app and select your camera from the device list to access the live video feed. You can view real-time footage from anywhere with an internet connection.

4.2. Recording and Playback

The camera records footage to the installed microSD card. You can access recorded videos through the ezyLiv app.

- In the live view interface, look for the playback or history option.
- Select the date and time to review recorded events.
- You can download specific video clips to your phone if needed.

4.3. Two-Way Audio

Use the two-way audio feature to communicate through the camera.

- While in live view, tap the microphone icon to speak through the camera's speaker.
- The camera's built-in microphone will capture audio from the surveillance area.

4.4. Motion and Human Detection

Configure detection settings to receive alerts for relevant events.

- Navigate to the camera settings in the ezyLiv app.
- Find the "Detection Settings" or "Alarm Settings" menu.
- Enable "Motion Detection" and "Human Detection" as required. Adjust sensitivity levels to minimize false alarms.
- Ensure push notifications are enabled in the app and on your phone for instant alerts.
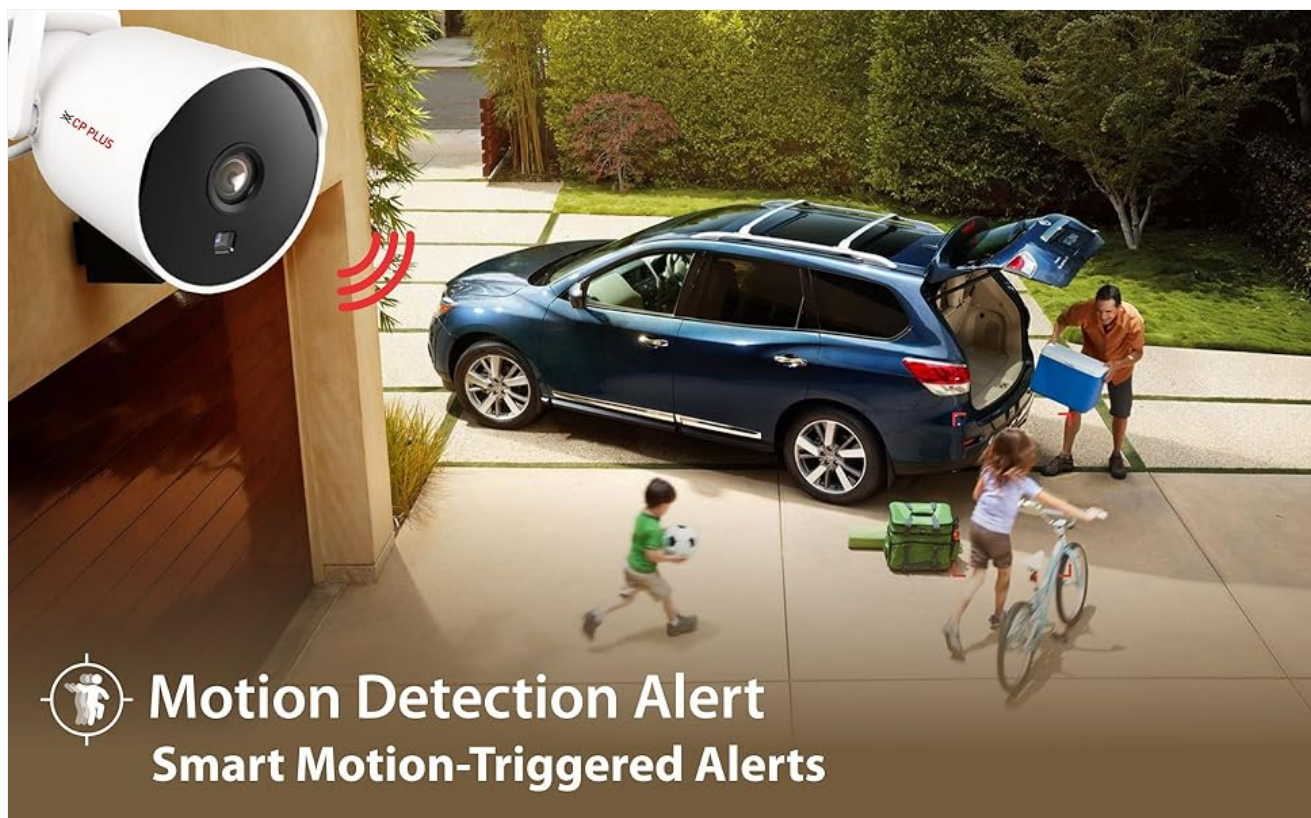
Figure 3: Illustration of the camera's human detection capability, highlighting detected human figures within the surveillance area.

4.5. Night Vision

The camera automatically switches to night vision mode in low-light conditions, utilizing its 18 IR LEDs to provide clear black and white video up to 25 meters.

4.6. Built-in Siren

The built-in siren can be configured to activate automatically upon detection of suspicious activity, serving as an immediate deterrent.

- In the app's detection settings, enable the siren trigger option.
- The siren can also be manually activated through the app if needed.

Figure 4: Depiction of the camera's built-in siren activating to deter an intruder, indicated by red sound waves.

5. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and housing with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the ezyLiv app periodically for available firmware updates. Keeping the firmware updated ensures optimal performance and security.
- **SD Card Management:** If using a microSD card for storage, consider formatting it periodically through the app to maintain performance and prevent data corruption. Back up important footage before formatting.
- **Power Supply:** Ensure the power adapter and cable are free from damage.
- **4G Signal:** Monitor the 4G signal strength in the app to ensure consistent connectivity.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	No power, faulty adapter, loose connection.	Check power outlet, ensure adapter is securely connected to camera and power source. Try a different outlet.
No live video feed / Connectivity issues	Weak 4G signal, inactive SIM, no data on SIM, app issues.	Verify 4G SIM card is active and has data. Check 4G signal strength at camera location. Restart camera and app. Ensure app is updated.
Motion detection alerts are inaccurate or too frequent	Sensitivity too high, environmental factors (e.g., moving branches).	Adjust motion detection sensitivity in the ezyLiv app. Ensure human detection is enabled to filter out non-human movements.

Problem	Possible Cause	Solution
SD card not recording or playback issues	SD card full, corrupted, or improperly installed.	Check SD card status in the app. Format the SD card (backup data first). Ensure the SD card is correctly inserted and not faulty. Consider using a high-quality, compatible SD card.
Two-way audio not working	Microphone/speaker muted in app, low volume, network latency.	Ensure microphone and speaker icons are enabled in the app. Check phone volume. Improve 4G signal if possible.
Camera announces "Wi-Fi disconnected" (even if using 4G)	Possible firmware issue or misconfiguration.	Ensure camera is configured for 4G mode. Check for firmware updates. If issue persists, contact CP PLUS support.

7. SPECIFICATIONS

Feature	Detail
Model Name	EZ-R31G
Resolution	3MP (2304×1296)
Connectivity	4G SIM-Based Wireless (Cellular)
Night Vision Range	Up to 25 meters (18 IR LEDs)
Audio	Two-Way Audio (Built-in Mic & Speaker)
Detection	Motion Sensor, Human Detection
Siren	Built-in Siren
Storage	MicroSD card (up to 256GB)
Compatibility	ONVIF Protocol, Desktop, Laptop, Smartphone, Tablet
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Product Dimensions	7.35 x 8.8 x 8.8 cm
Item Weight	198 g
Manufacturer	CP PLUS
Country of Origin	India

Figure 5: The camera operating with 4G LTE support in an outdoor setting, demonstrating its wireless connectivity.

Figure 6: Visual representation of the camera's ONVIF protocol support, indicating compatibility with various network video recorders and platforms.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service requests, please refer to the official CP PLUS website or contact their customer service directly. Details regarding product warranty periods and service procedures are typically provided with the product packaging or on the manufacturer's website.

Manufacturer: CP PLUS
Importer: Aditya Infotech Ltd., F-28, Okhla Industrial Area Phase-1, New Delhi-110020
For the most up-to-date support information, visit: CP PLUS Official Website