

## KKB G220BM

# KKB 4G LTE Cellular Solar Security Camera User Manual

Model: G220BM | Brand: KKB

## INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your KKB 4G LTE Cellular Solar Security Camera. Designed for remote monitoring in areas without Wi-Fi access, this camera utilizes 4G LTE connectivity and solar power for continuous operation. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

## WHAT'S IN THE BOX

- 1 x KKB 4G LTE Security Camera
- 1 x 5W Solar Panel
- 1 x Charging Cable
- 1 x User Manual
- Installation Accessories (screws, wall anchors, mounting bracket)

## PRODUCT OVERVIEW

### Key Features

- **4G LTE Connectivity:** Operates independently without Wi-Fi, ideal for remote locations.
- **Solar Powered:** Equipped with a 10400mAh rechargeable battery and a 5W solar panel for 365-day operation.
- **2K HD Resolution:** Provides clear, crisp video footage.
- **355° Pan & 90° Tilt:** Offers comprehensive coverage and remote control via the iCam365 app.
- **Color Night Vision:** Enhanced visibility in low-light conditions.
- **2-Way Audio:** Allows for real-time communication.
- **PIR Motion Sensor:** Advanced detection minimizes false alarms.
- **IP65 Weatherproof:** Durable design for outdoor use in various weather conditions.

- **Built-in SIM Card:** Comes with a pre-installed SIM card and trial data plan.

## Camera Components

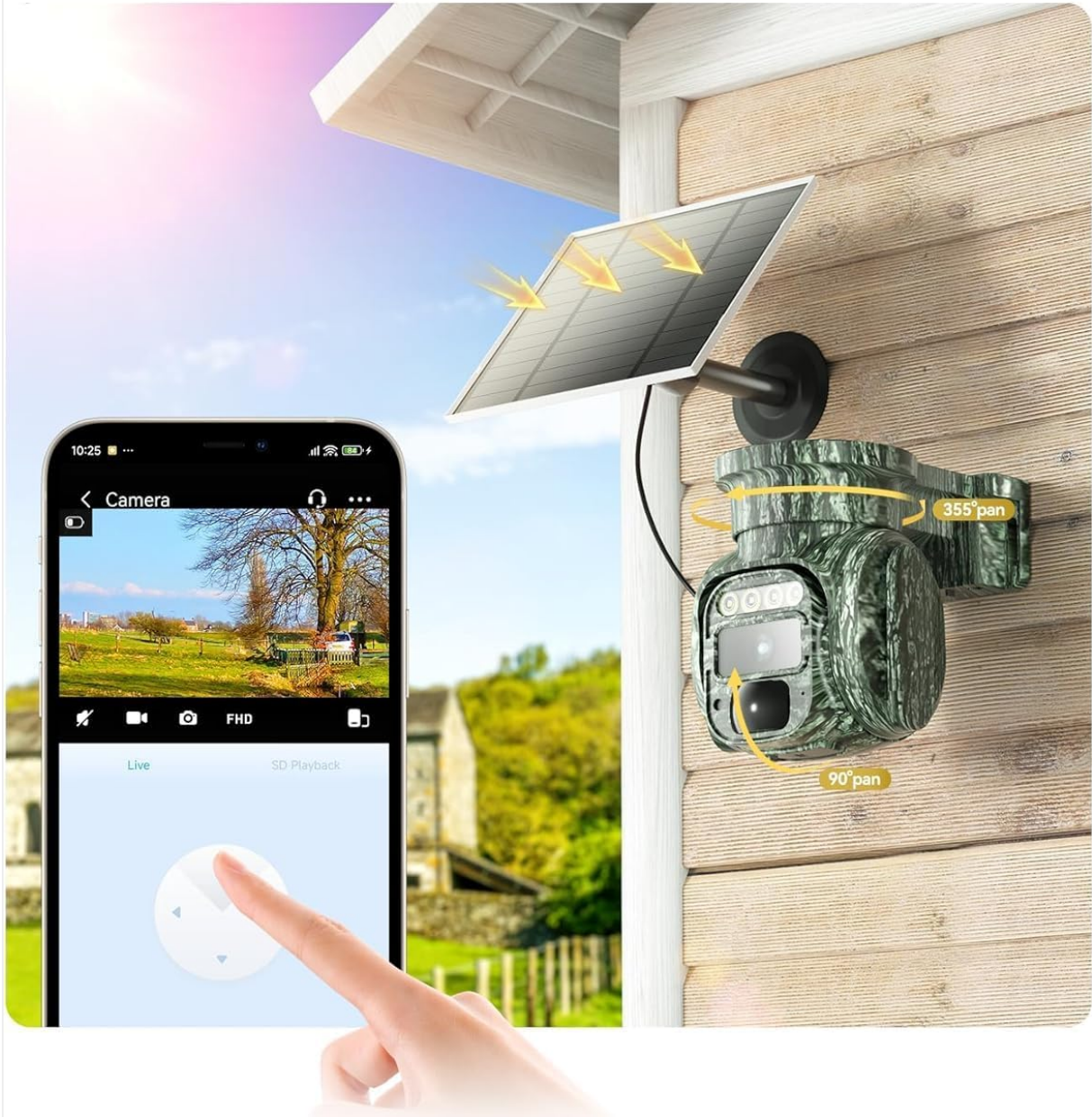
The KKB 4G LTE Cellular Solar Security Camera consists of the main camera unit and a separate solar panel. The camera features a lens, infrared LEDs for night vision, a PIR motion sensor, a microphone, and a speaker for two-way audio. The solar panel connects to the camera to provide continuous power.



*Image: The KKB 4G LTE Cellular Solar Security Camera with its accompanying solar panel.*

# 355° Pan & 90° Tilt - Complete Coverage, Every Angle

Camouflage is discreet while standard colors are more noticeable.



*Image: Illustration of the camera's 355-degree pan and 90-degree tilt capabilities, controlled via a smartphone app.*

## SETUP

- 1. Initial Charging:** Before first use, fully charge the camera's internal battery using the provided charging cable. This ensures the camera has sufficient power to begin operation, especially if solar charging is limited initially.
- 2. SIM Card & MicroSD Card Installation:** The camera comes with a built-in SIM card. Ensure it is activated according to the instructions provided with the camera. If using local storage, insert a MicroSD card (up to 128GB, not included) into the designated slot.
- 3. App Download and Account Creation:** Download the "iCam365" app from your smartphone's app store (Android or iOS). Follow the in-app instructions to create an account and register your camera.

4. **Camera Pairing:** Power on the camera. Open the iCam365 app and follow the prompts to add your new device. This typically involves scanning a QR code on the camera or packaging.
5. **Mounting the Camera and Solar Panel:** Choose a location that provides optimal sunlight exposure for the solar panel and a clear view for the camera. Use the included installation accessories to securely mount both units. Ensure the solar panel is angled to receive maximum direct sunlight throughout the day.

**4G<sup>+</sup>**  
**Cellular Network**  
Without WiFi

AT&T    verizon    T-Mobile

- Built-in SIM Card with 300M Free Data
- Supports AT&T, Verizon, T-Mobile
- (Memory Card Not Included)
- Supported in USA, Canada, Mexico (Different Data Plan Tariffs)

*Image: The KKB 4G LTE Cellular Solar Security Camera connected to its solar panel, ready for outdoor installation.*

## OPERATING INSTRUCTIONS

1. **Live View and Pan/Tilt Control:** Open the iCam365 app. Select your camera to access the live video feed. Use the on-screen controls to remotely pan (355°) and tilt (90°) the camera lens to adjust your viewing angle.
2. **Two-Way Audio:** While in live view, tap the microphone icon in the app to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's location.
3. **Motion Detection and Alerts:** The camera's PIR motion sensor detects movement. When motion is detected, the camera will record video and send instant notifications to your smartphone via the iCam365 app. Sensitivity settings can be adjusted in the app to minimize false alarms.
4. **Night Vision Modes:** The camera automatically switches to night vision in low light. It supports both color night vision and infrared night vision for clear visibility in the dark.

5. **Video Recording and Playback:** Recorded videos are saved to the installed MicroSD card or to the cloud (subscription may be required). Access and playback recorded footage directly through the iCam365 app.

## 2K HD Night Vision

Clear Visibility, Even in the Dark



*Image: Comparison of daytime and 2K HD night vision footage from the KKB camera, demonstrating clear visibility in darkness.*

# Intelligent Tracking

Automatically Follows  
Motion for Continuous Surveillance



Image: The camera's intelligent tracking feature detecting a person and sending an instant notification to a smartphone.

## MAINTENANCE

- **Cleaning the Solar Panel:** Regularly clean the surface of the solar panel to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and efficient battery charging.
- **Battery Management:** While solar-powered, extreme weather or prolonged periods of low sunlight may affect battery levels. Monitor battery status via the app and manually charge if necessary.
- **Firmware Updates:** Periodically check the iCam365 app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.

# IP66 Waterproof

Built for All Weather, Rain or Shine

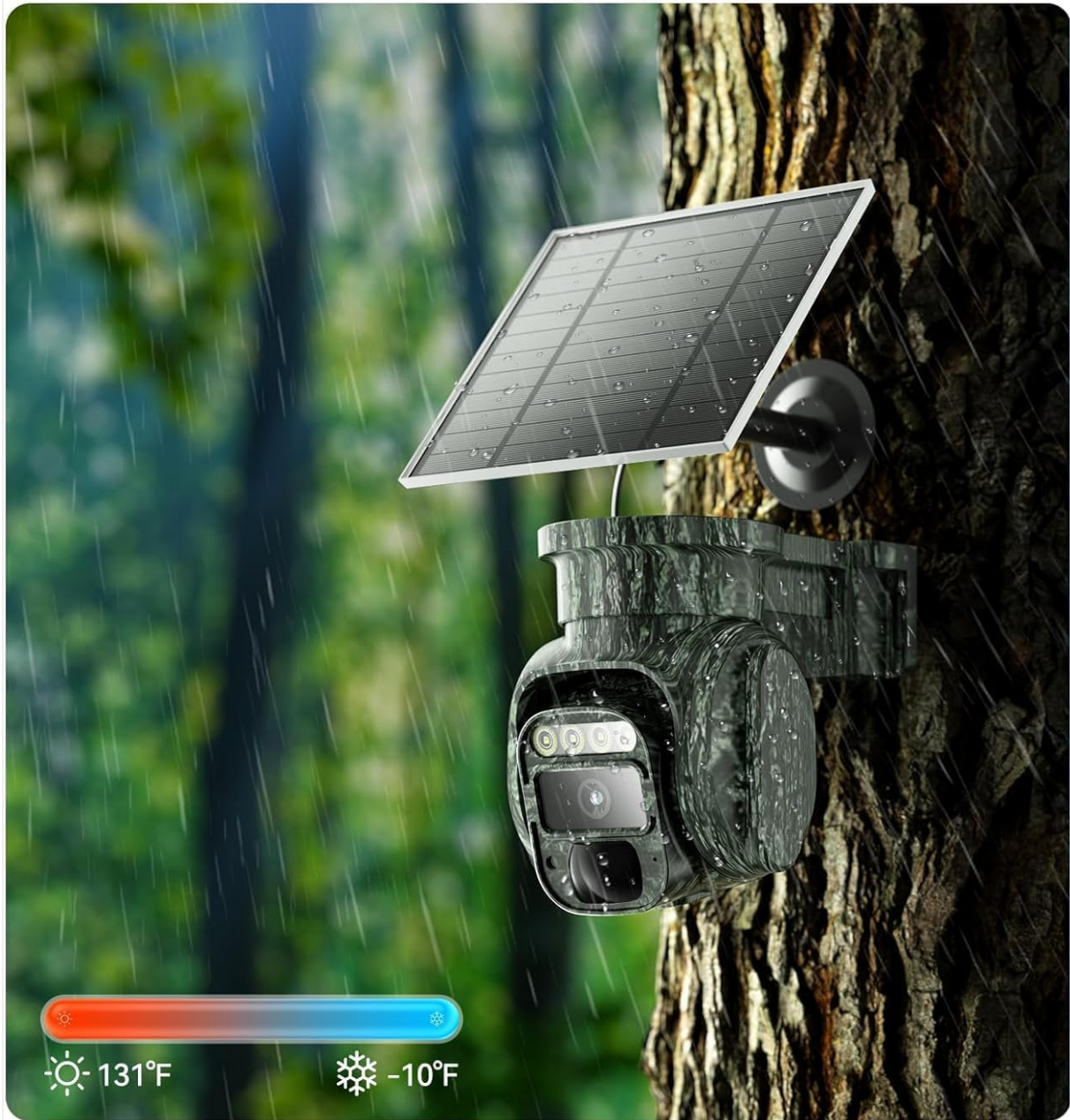


Image: The KKB camera demonstrating its IP65 waterproof rating, suitable for all weather conditions.

## TROUBLESHOOTING

Issue	Possible Cause	Solution
No 4G Signal	Poor cellular coverage in the area.	Relocate the camera to an area with better 4G signal strength. Check with your cellular provider for coverage maps.
Battery Drains Quickly	Insufficient sunlight for solar panel; excessive motion detection; frequent live view access.	Ensure solar panel is clean and optimally angled towards the sun. Adjust motion detection sensitivity. Limit frequent live view access. Manually charge if needed.
False Motion Alarms	High sensitivity settings; environmental factors (e.g., moving branches, insects).	Adjust PIR motion detection sensitivity in the iCam365 app. Ensure the camera is not pointed at areas with constant, non-threatening movement.

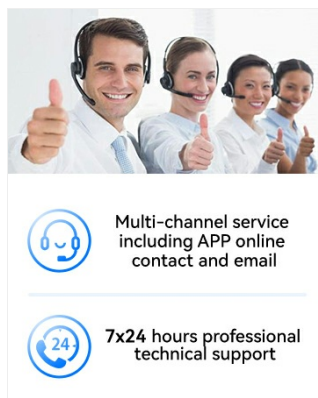
Issue	Possible Cause	Solution
Unable to Connect to App	Incorrect pairing process; app or camera firmware outdated; poor 4G signal.	Repeat the pairing process. Ensure the app and camera firmware are updated. Verify 4G signal strength.

## SPECIFICATIONS

- **Model Name:** 4G-RF-12
- **Model Number:** G220BM
- **Connectivity Technology:** 4G LTE Cellular (No Wi-Fi support)
- **Power Source:** Solar Powered (5W Solar Panel) with 10400mAh Rechargeable Battery
- **Video Capture Resolution:** 2K
- **Viewing Angle:** 355° Pan, 90° Tilt
- **Night Vision:** Color Night Vision, Infrared
- **Special Features:** 2-Way Audio, HD Resolution, PTZ Technology, PIR Motion Sensor
- **Indoor/Outdoor Usage:** Indoor, Outdoor
- **Waterproof Rating:** IP65
- **Storage:** Micro SD (up to 128GB), Cloud Storage
- **Control Method:** iCam365 App (Android, iOS)
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Item Dimensions:** 3.7 x 5.9 x 5.6 inches

## WARRANTY AND SUPPORT

KKB provides comprehensive customer support for its products. For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official KKB website. For technical assistance, KKB offers 7x24 hours professional technical support through multi-channel services, including in-app contact and email.



*Image: KKB customer support team ready to assist.*

