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## runofast ICAM-Q8-4G

# runofast 4G LTE Cellular Solar Security Camera

Model: ICAM-Q8-4G

## 1. PRODUCT OVERVIEW

The runofast ICAM-Q8-4G is a versatile 4G LTE cellular solar security camera designed for outdoor use, eliminating the need for Wi-Fi connectivity. It features a built-in SIM card, solar panel for continuous power, 2K resolution, 3500 pan and 900 tilt capabilities, two-way audio, and PIR motion detection. This manual provides detailed instructions for installation, operation, and maintenance.



Figure 1.1: runofast 4G LTE Cellular Solar Security Camera with included solar panel and SIM card.

### Key Features:

- **4G LTE Connectivity:** Operates independently of Wi-Fi, ideal for remote locations.
- **Solar Powered:** Integrated solar panel for continuous battery charging.
- **2K Ultra HD Resolution:** Provides clear and detailed video footage.
- **3500 Pan & 900 Tilt:** Wide coverage with remote control via the iCam365 app.
- **PIR Motion Detection:** Reduces false alarms by detecting human-like movement.
- **Two-Way Audio:** Allows for real-time communication.
- **IP66 Weather Resistance:** Durable design for various weather conditions.
- **Cloud & Local Storage:** Supports TF cards (up to 128GB, not included) and optional cloud storage.



Figure 1.2: Visual representation of the camera's core features and benefits.

## 2. SETUP

### 2.1 What's in the Box

- runofast 4G LTE Cellular Security Camera
- Solar Panel
- Mounting Stand
- Pre-installed SIM Card
- User Manual
- Mounting Screws and Anchors

### 2.2 Initial Setup and SIM Card Activation

1. **Charge the Camera:** Before first use, fully charge the camera's built-in battery using a standard USB charger (not included) for at least 8 hours.
2. **Insert TF Card (Optional):** If using local storage, insert a TF (microSD) card (up to 128GB, not included) into the designated slot.
3. **SIM Card:** The camera comes with a pre-installed 4G LTE SIM card. This SIM card is essential for the camera's cellular connectivity. Private SIM cards cannot be used.



Figure 2.1: The camera requires the included SIM card and a data plan subscription.

### 2.3 App Download and Account Creation

1. **Download iCam365 App:** Search for "iCam365" in your smartphone's app store (iOS or Android) and download the application.
2. **Register Account:** Open the iCam365 app and follow the on-screen instructions to register a new account.
3. **Add Device:** In the app, select "Add Device" or the '+' icon. Scan the QR code located on the camera or its packaging.
4. **Activate Data Plan:** Once the camera is connected to the 4G network via the app, you can activate the trial data plan (300MB included) or purchase a suitable data plan directly through the app.

# runofast

*We believe that it's possible to lead a safer life even in an unstable situation.*

*We believe that it's our inherent responsibility to protect our families and property.*

*As a good choice for your security concern, **runofast Team** are here offering you a better security solution.*

*Any questions? Pls feel free to message us. Our Professional Service Team are here at your side.*

Figure 2.2: The iCam365 app interface for camera management.

## 2.4 Mounting the Camera and Solar Panel

Choose a location with good cellular signal and direct sunlight exposure for the solar panel. The camera is IP66 weather-resistant, suitable for outdoor installation.

1. **Select Location:** Identify a suitable wall or surface for mounting the camera and solar panel. Ensure the solar panel receives maximum sunlight throughout the day.
2. **Drill Holes:** Use the provided mounting template (if any) or mark the drill points for the camera and solar panel brackets. Drill pilot holes.
3. **Secure Brackets:** Attach the mounting brackets to the surface using the screws and anchors.
4. **Attach Camera and Solar Panel:** Securely attach the camera and solar panel to their respective brackets.
5. **Connect Solar Panel:** Connect the solar panel cable to the charging port on the camera.

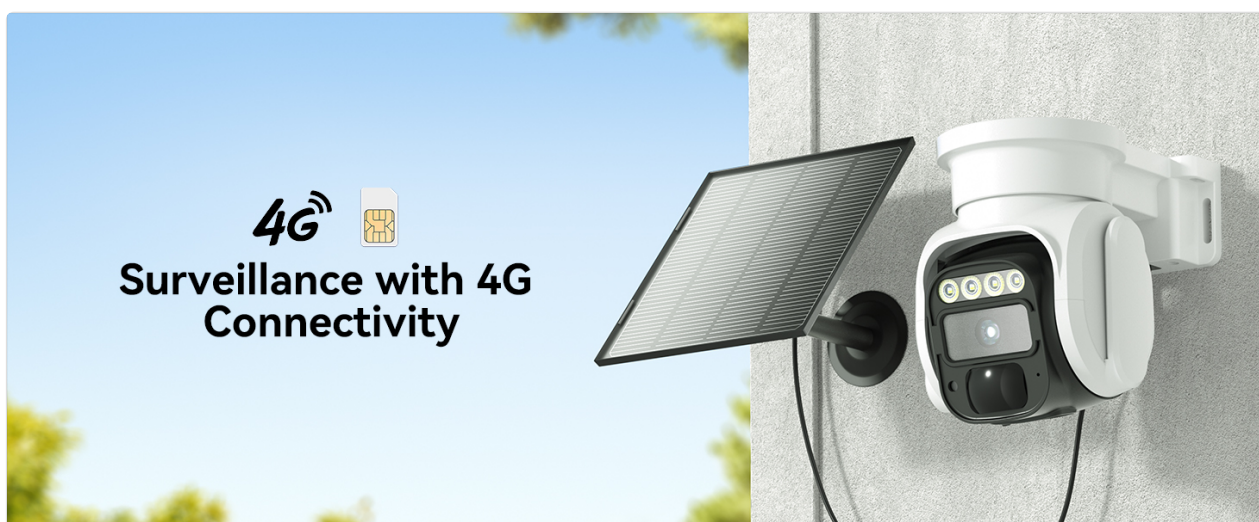


Figure 2.3: Example of camera and solar panel installation in an outdoor environment.

## 3. OPERATING INSTRUCTIONS

### 3.1 Live View and Pan/Tilt Control

Access the live video feed and control the camera's movement through the iCam365 app.

- Open the iCam365 app and select your camera from the device list.
- The live video feed will appear.
- Use the on-screen joystick or directional arrows to pan (3550 horizontal) and tilt (900 vertical) the camera.
- Pinch to zoom for 4x digital zoom.

## 360° Viewing with AI Tracking

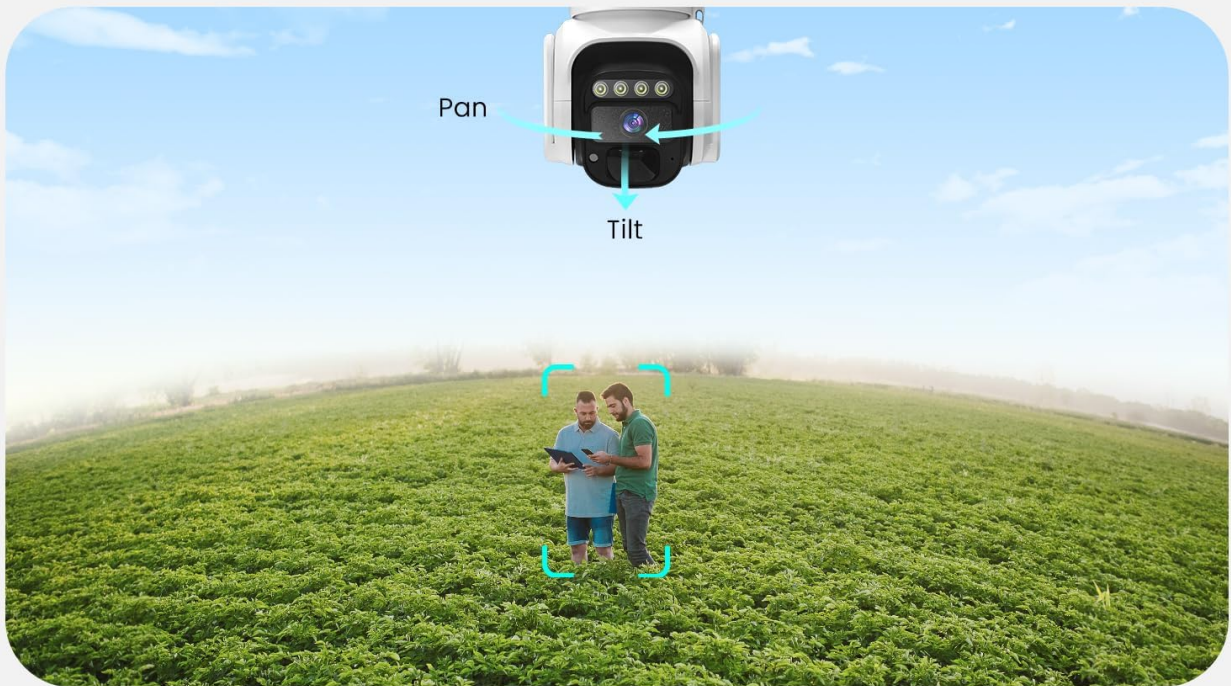
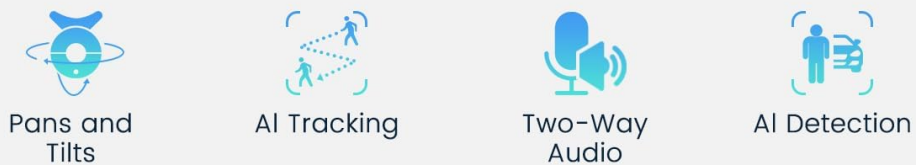


Figure 3.1: The camera offers 360° viewing with AI tracking capabilities.

Figure 3.2: Remote pan and tilt control via the iCam365 app for comprehensive coverage.

### 3.2 Two-Way Audio

The camera supports two-way audio, allowing you to listen and speak through the camera.

- While in live view, tap the microphone icon to speak.
- Tap the speaker icon to listen to audio from the camera's location.

### 3.3 PIR Motion Detection and Alerts

The camera uses a Passive Infrared (PIR) sensor to detect motion, primarily focusing on heat signatures to reduce false alarms.

- When motion is detected, the camera will record a short video clip and send a real-time notification to your iCam365 app.
- You can adjust motion detection sensitivity and alert settings within the app.



Figure 3.3: Real-time motion detection alerts sent to your smartphone.

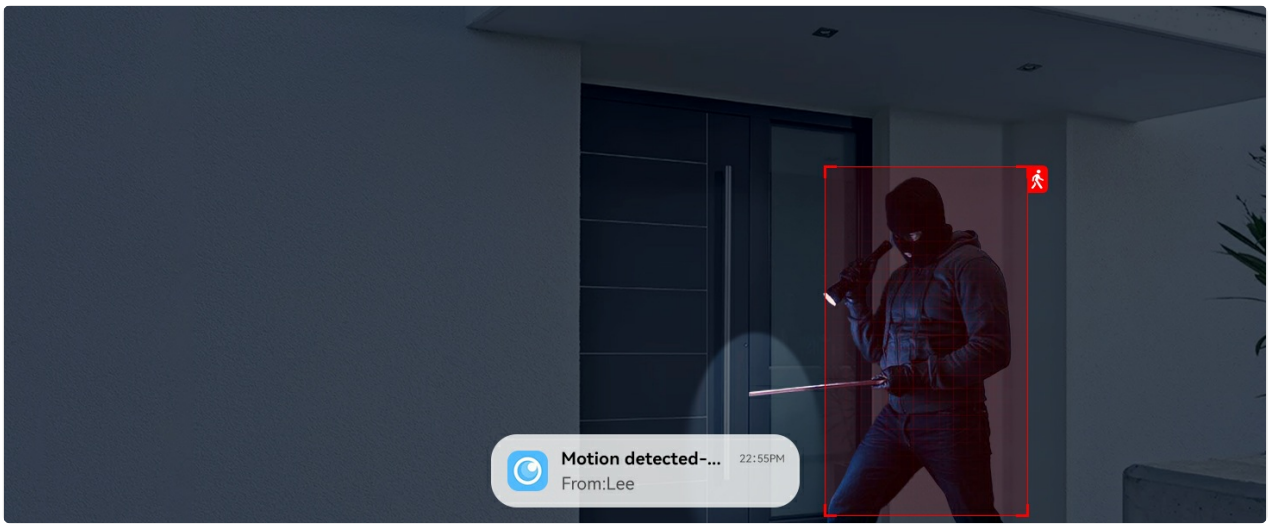


Figure 3.4: Visual alert for detected motion, indicating a potential security event.

### 3.4 Night Vision

The camera is equipped with night vision capabilities to provide clear footage in low-light or no-light conditions.

- The camera automatically switches to night vision mode when ambient light is insufficient.
- It provides clear black and white or color night vision depending on the model's specific features.



Figure 3.5: Comparison of day and night vision capabilities.

### 3.5 Data Plan Management

The camera operates on a 4G LTE cellular network, requiring a data plan. You can manage your data plan directly through the iCam365 app.

- Monitor your data usage within the iCam365 app.
- Purchase additional data or subscribe to unlimited plans as needed.

## Runofast Offers a Data Plan Tailored to Your Needs

<b>Cellular Data Plan</b>		
<b>Data Plan</b>	<b>Runofast</b>	<b>Others</b>
<b>1 Month</b>	<b>\$14.9 Unlimited data</b>	<b>\$14.99 Only 3GB or \$19.99 Unlimited Data</b>
<b>3 Months</b>	<b>\$39.9/ Unlimited data</b>	<b>/</b>
<b>6 Months</b>	<b>\$79.9/ Unlimited data</b>	<b>\$79.9/6GB or \$99.9/Unlimited Data</b>
<b>1 Year</b>	<b>\$149.9 Unlimited data</b>	<b>\$159.99-\$299.99 Unlimited Data</b>



Figure 3.6: Runofast offers various cellular data plans for continuous operation.

## 4. MAINTENANCE

### 4.1 Solar Panel Efficiency

- Ensure the solar panel is clean and free from dust, dirt, leaves, or snow to maximize charging efficiency.
- Periodically check the solar panel's angle to ensure it receives optimal sunlight exposure, especially during

seasonal changes.

## 4.2 Camera Lens Cleaning

- Gently wipe the camera lens with a soft, clean, lint-free cloth to remove any smudges or dirt that may affect image quality. Do not use harsh chemicals.

## 4.3 Firmware Updates

- Check the iCam365 app regularly for available firmware updates. Updates can improve performance, add new features, or fix bugs.
- Follow the in-app instructions to perform firmware updates. Ensure the camera has sufficient battery power during the update process.

# 5. TROUBLESHOOTING

## 5.1 No Connection / Offline

- **Check 4G Signal:** Ensure the camera is in an area with adequate 4G LTE cellular coverage.
- **Data Plan:** Verify that your data plan is active and has sufficient data remaining.
- **Reboot Camera:** Power cycle the camera by turning it off and on again.
- **SIM Card:** Ensure the pre-installed SIM card is properly seated.

## 5.2 Poor Image Quality

- **Clean Lens:** Clean the camera lens as described in the Maintenance section.
- **Resolution Settings:** Check the video resolution settings in the iCam365 app to ensure it's set to 2K.

## 5.3 Motion Detection Issues

- **Sensitivity:** Adjust the PIR motion detection sensitivity in the app settings.
- **Obstructions:** Ensure there are no physical obstructions blocking the PIR sensor's view.
- **Placement:** Re-evaluate camera placement to optimize detection area and minimize false triggers from environmental factors (e.g., swaying branches).

## 5.4 Battery Not Charging

- **Solar Panel Exposure:** Ensure the solar panel receives direct sunlight for several hours daily. Clear any obstructions.
- **Solar Panel Connection:** Verify the cable connecting the solar panel to the camera is securely attached.
- **Extreme Weather:** In prolonged cloudy or snowy conditions, the solar panel's efficiency may be reduced. Consider temporarily charging the camera via USB if needed.



Figure 5.1: The camera is designed to withstand various weather conditions, including snow.

## 6. SPECIFICATIONS

Feature	Specification
Model Name	ICAM-Q8-4G
Connectivity	4G LTE Cellular
Power Source	Solar Powered, Built-in Rechargeable Battery (9000 mAh)
Video Resolution	2K Ultra HD
Pan/Tilt Range	3550 Horizontal, 900 Vertical
Digital Zoom	4x
Motion Detection	PIR Motion Sensor
Audio	Two-Way Audio
Night Vision	Yes
Storage Options	TF Card (up to 128GB, not included), Cloud Storage (optional)
Weather Resistance	IP66
Operating App	iCam365
Dimensions (L x W x H)	6.5 x 4.3 x 8.9 inches
Weight	2.35 pounds

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

runofast products typically come with a limited warranty covering manufacturing defects. Please refer to the warranty card included with your product or visit the official runofast website for detailed warranty terms and conditions.

### 7.2 Customer Support

For technical assistance, troubleshooting, or any product-related inquiries, please contact runofast customer support through the following channels:

- **iCam365 App:** Many common issues can be resolved through the app's help section or by contacting support directly within the app.
- **Official Website:** Visit the runofast official website for FAQs, support resources, and contact information.
- **Email Support:** Refer to your product packaging or the official website for the customer support email address.

*Please have your product model number (ICAM-Q8-4G) and purchase information ready when contacting support.*