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NUASI RBX-S60

NUASI 4G LTE Hunting Camera User Manual

Model: RBX-S60

1. Introduction

The NUASI 4G LTE Hunting Camera is a versatile and robust outdoor surveillance device designed for monitoring wildlife, securing remote properties, or observing construction sites. Featuring 4G cellular connectivity, solar power, 2K HD resolution, and 360-degree pan/tilt capabilities, this camera provides comprehensive coverage and real-time alerts. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance.



The NUASI 4G LTE Hunting Camera, featuring its integrated solar panel and cellular connectivity for remote monitoring.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x NUASI 4G LTE Hunting Camera
- 1 x 6W Solar Panel
- 1 x Nano SIM Card (with 300MB trial data)
- 1 x 32GB Memory Card
- 1 x Solar Panel Bracket
- 1 x Connection Cable (3m)
- 1 x USB Cable (1m)
- 1 x Tool Set
- 1 x Quick Start Guide



Overview of all items included in the product package.

3. Product Features

The NUASI 4G LTE Hunting Camera offers a range of advanced features for effective surveillance:

- **4G Wireless Connection:** Operates nationwide with 4G LTE coverage, eliminating the need for Wi-Fi. Compatible with major carriers like Vodafone, Wind Tre, Telekom, Orange, SFR, Bouygues, O2.
- **Solar Powered & Long Battery Life:** Equipped with a 10400 mAh internal battery and a 6W solar panel, providing continuous power with just 3 hours of direct sunlight daily.
- **Smart Detection & Two-Way Audio:** Features a PIR motion sensor for human detection, reducing false alerts, and sends real-time notifications to your mobile app. Built-in two-way audio allows for remote communication.
- **Comprehensive 360° Monitoring:** Offers 2K ultra-high resolution video, 355° horizontal rotation, and 100° vertical rotation for a complete panoramic view without blind spots.
- **Clear Night Vision:** Provides clear night vision up to 30 meters, ensuring visibility day and night.
- **Easy Installation & Remote Access:** Simple setup by inserting the SIM card, mounting the camera, and scanning a QR code with the Ubox app. Access the camera remotely from your phone and share access with others.

- **Flexible Storage:** Supports local storage via a memory card (up to 128GB) and cloud storage (with a 30-day free trial).



The camera is designed for outdoor use, blending into natural environments.

4. Setup Guide

4.1 SIM Card and SD Card Installation

The camera operates using a 4G Nano SIM card and supports a Micro SD card for local storage. A trial SIM card (300MB data) and a 32GB memory card are included.

1. Locate the SIM card slot and Micro SD card slot on the camera. Refer to the quick start guide for exact location.
2. Insert the provided Nano SIM card into the SIM card slot. Ensure it is correctly oriented.
3. Insert the 32GB Micro SD card into the Micro SD card slot. The camera supports up to 128GB.
4. Close the protective cover securely to ensure water resistance.



The camera connects via 4G mobile network, requiring a SIM card for operation.

4.2 App Installation (Ubox)

The Ubox app is required for camera configuration, live viewing, and remote access.

1. Download the Ubox app from the Apple App Store (for iOS devices) or Google Play Store (for Android devices).
2. Open the Ubox app and create an account or log in if you already have one.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code located on the camera or its packaging.



Download the Ubox app from your device's app store.

4.3 Mounting the Camera

Choose a suitable location for mounting the camera, ensuring the solar panel receives adequate direct sunlight.

1. Use the provided mounting bracket and screws to securely attach the camera to a tree, wall, or pole.
2. Adjust the angle of the solar panel to maximize sun exposure throughout the day.
3. Ensure the camera's view is unobstructed and covers the desired monitoring area.



The camera is designed with IP65 water resistance for outdoor durability.

5. Operating Instructions

5.1 Live View and Remote Access

Once connected to the Ubox app, you can access the camera's live feed from anywhere with cellular coverage.

- Open the Ubox app on your smartphone.
- Select your camera from the device list to view the live stream.
- You can share access to the camera with family members or friends through the app's sharing features.

5.2 PIR Motion Detection

The camera's PIR (Passive Infrared) motion sensor detects movement and triggers recordings and alerts.

- Enable motion detection in the Ubox app settings.
- Adjust sensitivity levels to optimize detection and minimize false alarms.

- Receive real-time notifications on your mobile device when motion is detected.



Real-time alerts are sent to your phone upon PIR motion detection.

5.3 Two-Way Audio

Communicate remotely using the camera's built-in microphone and speaker.

- While in live view on the Ubox app, tap the microphone icon to speak through the camera.
- Listen to audio from the camera's surroundings through your phone's speaker.

5.4 360° Pan and Tilt Functionality

Control the camera's viewing angle remotely for comprehensive coverage.

- In the Ubox app's live view, use the on-screen controls to pan the camera horizontally (355°) and tilt it vertically (100°).
- This allows you to adjust the field of view as needed without physically moving the camera.



Achieve full 360-degree coverage with remote pan and tilt controls.

5.5 Night Vision

The camera automatically switches to night vision mode in low-light conditions.

- The camera provides clear black-and-white images and videos in complete darkness up to 30 meters.
- 2K HD resolution ensures high-quality footage day and night.



Experience clear 2K HD resolution footage in both daytime and night vision.

5.6 Storage Options

Your camera supports two storage methods for recorded footage:

- **Micro SD Card:** Footage is saved directly to the inserted Micro SD card (up to 128GB).
- **Cloud Storage:** Utilize the cloud storage service for remote access to recordings. A 30-day free trial is available. Subscription plans can be managed via the Ubox app.

6. Power Management and Maintenance

6.1 Solar Charging

The integrated 6W solar panel continuously charges the camera's 10400 mAh internal battery.

- Ensure the solar panel is positioned to receive at least 3 hours of direct sunlight daily for optimal charging.
- Keep the solar panel clean and free from debris (e.g., leaves, dust) to maintain charging efficiency.



The camera is powered by an integrated solar panel, ensuring continuous operation.

6.2 Battery Life

The 10400 mAh battery provides extended operation, supplemented by the solar panel.

- Monitor the battery level via the Ubox app.
- In prolonged periods of low sunlight, the camera can be charged via the USB cable.

6.3 Water Resistance (IP66)

The camera is designed to withstand various weather conditions.

- The IP66 rating ensures protection against dust and powerful water jets, making it suitable for outdoor use in rain or snow.
- Ensure all ports and covers are securely closed to maintain water resistance.

7. Troubleshooting

This section addresses common issues you might encounter with your NUASI camera.

Problem	Possible Cause	Solution
Camera is offline or not connecting.	Low cellular signal; SIM card data depleted; SIM card not properly inserted or incompatible.	Check cellular signal strength at the camera's location. Recharge SIM card data via the Ubox app. Ensure SIM card is correctly inserted. Verify SIM card compatibility with the camera (Vodafone, Wind Tre, Telekom, Orange, SFR, Bouygues, O2 are supported).
Cannot view live video or footage is frozen.	Poor network connection; app issue.	Ensure your phone has a stable internet connection. Restart the Ubox app. If the issue persists, try restarting the camera.
PIR motion detection is not working or sending too many false alerts.	Incorrect sensitivity settings; environmental factors.	Adjust PIR sensitivity in the Ubox app. Ensure the camera is positioned correctly, avoiding areas with constant movement (e.g., swaying branches) if not desired.
Battery not charging via solar panel.	Insufficient sunlight; dirty solar panel.	Relocate the camera to an area with more direct sunlight. Clean the solar panel surface regularly.
Cannot save video to SD card.	SD card full; SD card corrupted; incorrect format.	Check SD card storage in the app and delete old footage if necessary. Format the SD card via the Ubox app. Ensure the SD card is properly inserted and not damaged.

8. Specifications

Feature	Detail
Model Number	RBX-S60
Connectivity Technology	4G Cellular
Video Recording Resolution	2K
Special Features	Two-Way Audio, Motion Detector, PTZ Technology, Night Vision
Usage Environment	Outdoor
Water Resistance Level	Waterproof (IP66)
Power Source	Solar Panel (6W) & Lithium-polymer Battery (10400 mAh)
Dimensions (L x W x H)	15.5 x 11.5 x 7.5 cm
Weight	1.25 kilograms
Included Components	Camera, Solar Panel, Nano SIM Card, 32GB Memory Card, Mounting Bracket, Cables, Tool Set, Quick Start Guide

9. Warranty and Support

NUASI is committed to providing high-quality products and customer satisfaction. For any questions, technical assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official NUASI website. Our support team is available to assist you with any issues related to your camera's operation or performance.

Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What is the factory test SIM card brand and UID information for the NUASI RBX-S60 4G Hunting Camera?

The NUASI RBX-S60 4G LTE Hunting Camera is designed to operate without Wi-Fi, using a cellular connection instead. Regarding the factory test SIM card and connectivity: SIM Card Brand/Compatibility: The camera comes with a...

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