

## HOSAFE.COM RBX-S50-4GU

# HOSAFE.COM 4G LTE Cellular Security Camera User Manual

MODEL: RBX-S50-4GU

Brand: HOSAFE.COM

## 1. Introduction

The HOSAFE.COM 4G LTE Cellular Security Camera is a completely wire-free surveillance solution designed for locations without traditional internet or power access. Powered by a solar panel and rechargeable battery, it connects to the internet via its own SIM card, offering flexible installation options. This camera features 2K HD resolution, 270° pan, 90° tilt, 4x digital zoom, color night vision, human motion detection with phone notifications, two-way audio, and local/cloud storage capabilities. Its IP66 waterproof rating ensures reliable operation in various weather conditions.



Figure 1: HOSAFE.COM 4G LTE Cellular Security Camera with included SIM and SD card.

## 2. What's in the Box

- Camera with Rechargeable Battery
- Solar Panel
- Brackets
- User Manual
- Screw Kit

## 3. Setup and Installation

Follow these steps for proper setup and installation of your HOSAFE.COM 4G LTE Cellular Security Camera.

### 3.1. SIM Card and SD Card Installation

The camera comes with a pre-inserted 64GB Micro SD Card and a SIM card for initial testing. Ensure the SIM card is properly seated in its slot. The SIM card slot is typically located under a rubber stopper on the camera body. Gently push the SIM card until it clicks into place.

### 3.2. App Installation and Device Pairing

1. Download the **UBox** app from your device's app store (Appstore / Google Play Store).
2. Allow all necessary permissions when opening the app for the first time.
3. Register an account and log in.
4. Power on the camera. The blue indicator LED will light up after approximately 1 minute.
5. In the UBox app, tap "Add a Device" and then "Setup 4G Device".
6. Scan the QR code located on the camera body using the UBox app to pair the device.
7. Once successfully added, you can name your device and begin live viewing.

### 3.3. Physical Installation

The camera and solar panel are designed for outdoor installation without the need for power or Wi-Fi cables. Choose a location that receives ample sunlight for the solar panel and provides the desired surveillance coverage.



# 4G

## Cellular Camera No Wi-Fi Needed

SIM Card (Pre-inserted)  
300MB free data for test

64GB Micro SD Card  
(Pre-inserted)

Figure 2: Camera and solar panel mounted for outdoor use.

Use the provided brackets and screw kit to securely mount the camera and solar panel. Ensure the solar panel is positioned to maximize sun exposure throughout the day. Connect the solar panel's USB cable to the camera's charging port, ensuring the rubber stopper is properly re-inserted to maintain waterproof integrity.



Figure 3: The camera is powered by a solar panel and a 10400 mAh rechargeable battery.

### 3.4. Installation Video Guide

For a visual guide on installing the SIM card, setting up the app, and physically mounting the camera and solar panel, please refer to the official installation video below:

Video 1: HOSAFE.COM Cellular Security Camera RBX-S50-4G Installation Guide. This video demonstrates the step-by-step process of setting up and installing the camera, including SIM card insertion, app pairing, and physical mounting.

## 4. Operating Instructions

### 4.1. Pan, Tilt, and Zoom (PTZ) Control

The camera supports 270° pan, 90° tilt, and 4x digital zoom, allowing you to remotely adjust the viewing angle and zoom in on specific areas through the UBox app. This ensures comprehensive coverage of your surveillance area.

# PTZ Remote Control

270° Pan / 90° Tilt / 4X Digital Zoom

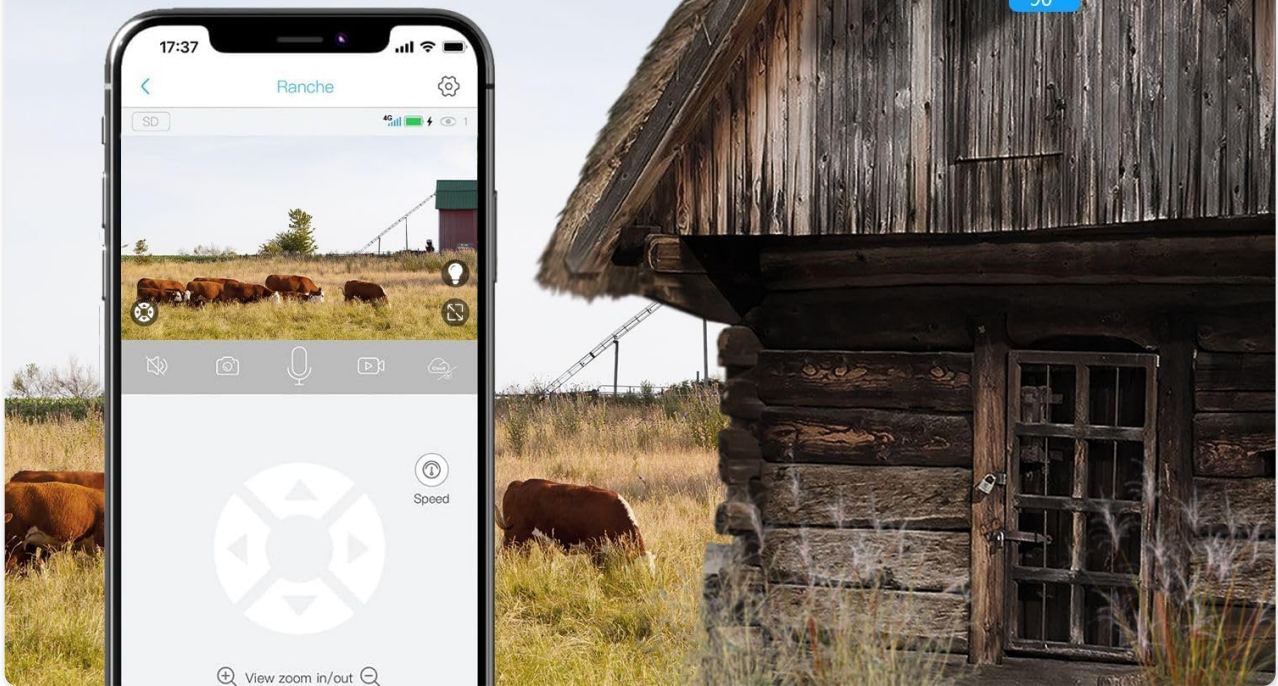


Figure 4: Remote PTZ control via the UBox app.

## 4.2. Motion Detection and Notifications

Equipped with a sensitive PIR sensor, the camera can detect moving people, vehicles, and animals. Upon detection, the camera will trigger an alarm, activate spotlights, and send instant alerts to your mobile phone via the UBox app, keeping you informed of any activity.

# Motion Detection Alarm Phone Notification



Spotlight



Phone  
Notification



Siren



Figure 5: Motion detection and instant phone notifications.

## 4.3. Two-Way Audio

The built-in speaker and microphone enable two-way communication. You can listen to audio from the camera's location and speak through the camera using your mobile phone, allowing for interaction with visitors or deterring unwanted guests.



## Live View & 2-Way Talk Share with Family

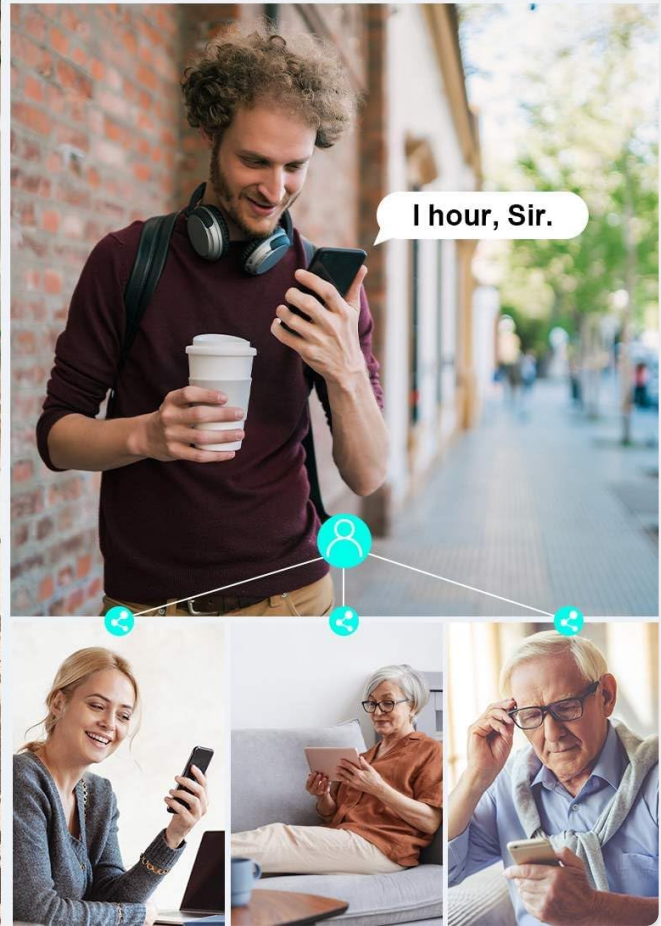


Figure 6: Two-way audio communication and live view sharing.

### 4.4. Night Vision

The camera provides 2K HD color night vision, utilizing 4pcs spotlights to capture clear, full-color images even in low-light conditions. An infrared mode is also available for discreet monitoring.

## 2K HD Color Picture for Day and Night

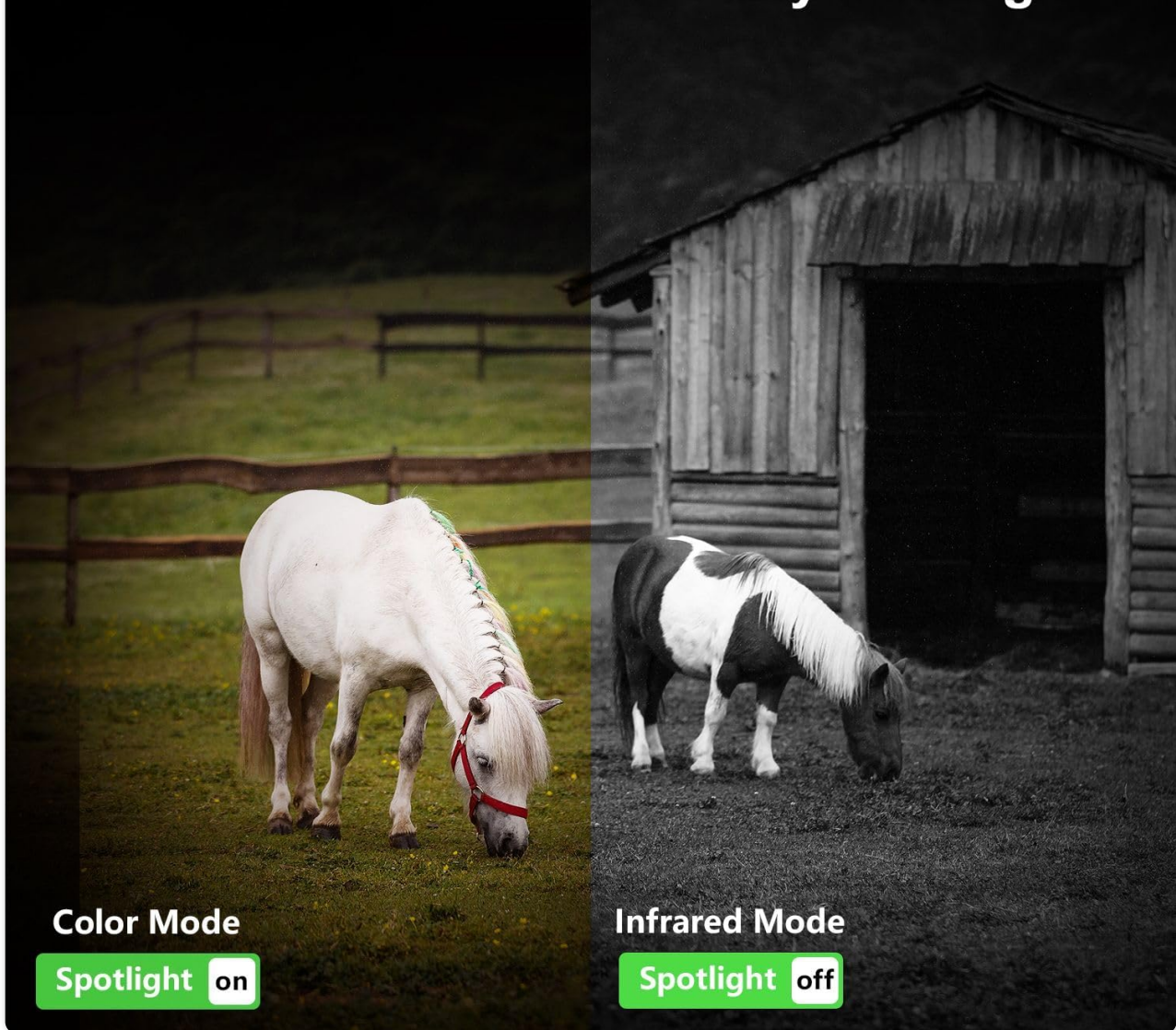


Figure 7: 2K HD Color Night Vision and Infrared Mode.

### 4.5. Storage and Playback

Events can be saved to the included 64GB micro SD card or to the cloud (30-day free trial available). The UBox app allows for remote playback of recorded events, ensuring you can review footage even if the camera is physically damaged.

# Flexible Storage



**Local Storage**  
**64GB Micro SD Card**  
(Pre-inserted)



**Cloud Storage**  
**30-Day Free Trial**



Easily playback/ download videos from the cloud  
No matter if the camera is damaged



Figure 8: Local and Cloud Storage options.

## 5. Maintenance

- **Solar Panel:** Keep the solar panel clean and free from obstructions (e.g., dirt, leaves) to ensure optimal sunlight absorption and efficient battery charging.
- **Battery:** For the first usage, fully charge the camera's battery. Regular solar charging will maintain battery levels under normal conditions.
- **Cleaning:** Periodically wipe the camera lens and body with a soft, damp cloth to remove dust and grime. Avoid using harsh chemicals.
- **Environmental Resilience:** The camera is IP66 waterproof and operates well within -4°F to 122°F (-20°C to 50°C). While robust, avoid exposing it to extreme conditions beyond its specified operating range.

## 6. Troubleshooting

- **Camera not powering on:** Ensure the power switch is in the 'ON' position. Check the battery level and charge if necessary.
- **Blue indicator light not solid:** This indicates a potential issue with SIM card insertion or network connection. Re-insert the SIM card, ensure it's pushed all the way in, and verify cellular signal strength in the camera's location.
- **No network connection:** Check if the SIM card has an active data plan. Verify cellular coverage in the installation area.
- **Motion detection not working or too sensitive:** Adjust the PIR sensor sensitivity settings within the UBox app. Ensure there are no constant movements (e.g., tree branches in strong wind) in the detection zone that might trigger false alarms.
- **Poor video quality:** Ensure the camera lens is clean. Check the cellular signal strength, as weak signals can affect streaming quality.
- **Battery draining quickly:** Reduce the frequency of motion detection events or live view sessions. Ensure the solar panel receives adequate direct sunlight daily.
- **Two-way audio issues:** Check microphone and speaker settings in the UBox app. Ensure there is no physical obstruction to the microphone or speaker on the camera.

## 7. Specifications

Feature	Detail
Indoor/Outdoor Usage	Outdoor, Indoor
Compatible Devices	iOS/Android phone and pad
Power Source	Solar and Battery Powered
Connectivity Protocol	Cellular
Controller Type	Phone App
Mounting Type	Wall and Ceiling mount
Video Capture Resolution	2K HD
Color	White
Number of Items	1
Number of Channels	2
Wireless Communication Technology	4G Cellular
Form Factor	Dome
Effective Video Resolution	3 MP
Viewing Angle	110 Degrees

Feature	Detail
Installation Type	Wall and Ceiling mount
Night Vision Range	50 Feet
Material	Acrylonitrile Butadiene Styrene (ABS)
Voltage	5 Volts (DC)
Wattage	5 Watt-hours
Item dimensions L x W x H	7.68 x 6.57 x 5.35 inches
Water Resistance Level	Waterproof
Flash Memory Installed Size	64 GB
Batteries Required?	Yes
Flash Memory Type	Micro SD
Item Weight	1.15 Kilograms
Optical Zoom	4 x
Shape	Dome
Battery Power	28.86 Watt Hours
Focus Type	Auto Focus
Field Of View	237 Degrees
Low light technology	Night Color
Zoom Type	Digital Zoom
Zoom Ratio	4X
Alert Type	Audio and Motion
Light Source Type	Infrared & LED
Video Capture Format	MPEG-4
Specific Uses For Product	Surveillance, 360 Degree Coverage
Unit Count	1.0 Count
Photo Sensor Technology	CMOS
Effective Still Resolution	3 MP
International Protection Rating	IP66
Maximum Webcam Image Resolution	3 MP
Control Method	App

Feature	Detail
Flash Memory Supported Size Maximum	128 GB
Product Dimensions	7.68 x 6.57 x 5.35 inches
Item Weight	2.53 pounds
ASIN	B0CBPSJBVG
Item model number	RBX-S50-4GU
Batteries	1 Lithium Ion batteries required. (included)

## 8. Warranty and Support

HOSAFE.COM has been a leading brand in home security cameras since 2012, focusing on research and sales of security products to offer great DIY safe products worldwide. The RBX-S50-4GU camera comes with a **2-Year Limited Warranty**. For any inquiries or assistance, HOSAFE.COM provides **24/7 Live Chat Support**. For additional product information and features, you may refer to the general product overview video:

Video 2: 4G LTE Cellular Security Camera Wireless Outdoor. This video provides a comprehensive overview of the camera's features and capabilities.