

LIWAN ZC-YT10

LIWAN 4G LTE Cellular Security Camera (Model ZC-YT10) User Manual

Your guide to setting up and operating your LIWAN security camera.

INTRODUCTION

The LIWAN 4G LTE Cellular Security Camera is a wireless, solar-powered outdoor surveillance solution designed for locations without Wi-Fi or electrical power. Featuring 2K resolution, 360° pan and 100° tilt, color night vision, PIR motion detection, and two-way audio, this camera provides comprehensive monitoring capabilities. It operates on 4G LTE networks with a built-in SIM card, offering flexible storage options via local memory card or cloud service.

WHAT'S IN THE BOX

- Cellular Security Camera
- 4G SIM Card (pre-installed)
- Solar Panel
- Instruction Manual
- Mounting Screws

SETUP

1. Camera Installation

1. **Mount the Camera Base:** Align the camera base with the desired installation location on a wall or sturdy surface. Use the provided positioning sticker as a guide. Secure the base using the mounting screws.
2. **Attach the Camera:** Mount the camera unit onto the fixed base. Ensure it clicks securely into place. Use the small screws to lock the camera to the base for added stability.


Your browser does not support the video tag.

Video: Installation guide for the LIWAN 4G LTE Cellular Security Camera. This video demonstrates the steps for mounting the camera base and attaching the camera unit securely.

2. Solar Panel Installation

1. **Install the Bracket:** Attach the solar panel bracket to a location that receives maximum direct sunlight throughout the day. Fix the bracket to the wall with screws.

2. **Mount Solar Panel:** Secure the solar panel to the bracket.
3. **Adjust Angle:** Adjust the solar panel to the optimal angle to capture sunlight. Tighten the screws to fix its position.
4. **Connect Power Cable:** Insert the power cable from the solar panel into the designated port on the camera.



Unlimited Data Plan

Built-in SIM Card

Unlimited 30day \$19.9	Unlimited 180day \$99.9	Unlimited 360day \$169.9	Unlimited 720day \$299.9
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- SIM Card Included with 300MB Free Data
- Support Verizon, T-Mobile and AT&T Network

※**Note:** Only supports to use built-in SIM card, private SIM cards not be used.




Image: Visual guide showing various installation scenarios for the camera and solar panel, highlighting ease of setup.

3. App Setup and SIM Card Activation

1. **Download Ubox App:** Download and install the Ubox App on your smartphone.
2. **Scan QR Code:** Open the Ubox App and follow the on-screen instructions to scan the QR code on your camera to pair it.
3. **SIM Card:** The camera comes with a pre-installed 4G SIM card with 300MB trial data. This trial data activates once the camera connects to the 4G network and is available for the first month.
4. **Data Plan:** A subscription is required for continued unlimited 4G data usage. Private SIM cards are not supported. Data plans are available through the Ubox app.

Easy and Simple Installation

95% of customers can install solar-powered cameras independently, which is simple and convenient.




Image: Diagram illustrating the built-in SIM card slot and available 4G data plan options, emphasizing that private SIM cards are not compatible.

OPERATING INSTRUCTIONS

1. Live View and Recording

- Access 2K live video feed through the Ubox App.
- Utilize 355° pan and 100° tilt functions to adjust the camera's viewing angle remotely.
- Use 4x digital zoom for closer inspection of details.

2. Night Vision

- The camera features 2K color night vision, enabled by a built-in spotlight and advanced image sensor.
- Infrared night vision is also available for discreet monitoring in low-light conditions.

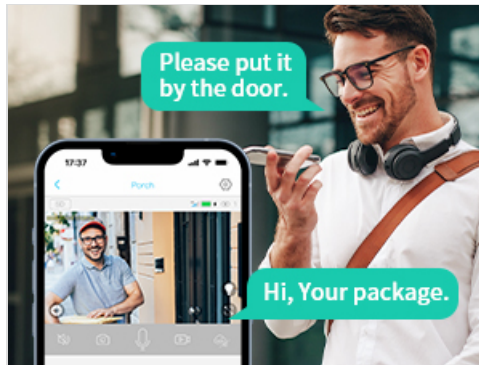


Image: Comparison showing the difference between infrared night vision and full-color night vision with the spotlight activated.

3. Motion Detection and Alerts

- PIR (Passive Infrared) motion detection triggers recording and sends real-time alerts to your smartphone via the Ubox App.
- Alerts can include light activation, siren, and app push notifications.



Image: Depiction of the camera's smart PIR detection feature, showing a person being detected and an app notification for activity.

4. Two-Way Audio

- The built-in microphone and speaker enable real-time, two-way audio communication through the Ubox App.

5. Storage Options

- **Local Storage:** Supports up to 128GB memory card (not included) for storing motion detection video clips.
- **Cloud Storage:** A 30-day free trial is available, with subscription options for continued cloud backup.

2K Ultra HD Resolution

See every crystal-clear detail with vibrant 2K Super HD and full color, even at night.



Image: Illustration of the two available storage methods: cloud storage (with a 30-day free trial) and local memory card storage (up to 128GB, card not included).

MAINTENANCE

1. Power Management

- The camera is equipped with a high-capacity rechargeable battery, continuously charged by the solar panel.
- Ensure the solar panel is positioned to receive adequate sunlight for optimal charging.

2. Weather Resistance

- The camera has an IP66 waterproof rating, designed to withstand various outdoor weather conditions including sun, rain, and snow.

Spotlight Full Color Night Vision

Guaranteed you'll get clear images even in pitch darkness.



Image: The camera installed outdoors, demonstrating its IP66 waterproof capability in various weather conditions.

TROUBLESHOOTING

- **Camera Not Connecting to 4G:** Ensure the built-in SIM card is properly activated and a data plan subscription is active. Verify 4G LTE coverage in the installation area. Note that private SIM cards are not supported.
- **No Power/Low Battery:** Check that the solar panel is clean and positioned to receive direct sunlight. Ensure the

power cable connection between the solar panel and camera is secure.

- **Motion Detection Not Triggering:** Adjust PIR sensitivity settings in the Ubox App. Ensure there are no obstructions blocking the camera's view.
- **Poor Video Quality:** Verify the camera lens is clean. Check 4G signal strength in the Ubox App; a weak signal can affect streaming quality.
- **Two-Way Audio Issues:** Ensure microphone and speaker permissions are granted to the Ubox App on your smartphone. Check volume settings on both the app and your phone.

SPECIFICATIONS

Feature	Specification
Model Name	4G LTE Cellular Security Camera
Model Number	ZC-YT10
Brand	LIWAN
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Cellular
Wireless Communication Technology	Cellular
Video Capture Resolution	2K
Viewing Angle	360 Degrees (Pan), 100 Degrees (Tilt)
Night Vision Range	65 Feet
Water Resistance Level	Waterproof (IP66)
Battery Power	7800 Milliampere Hour (mAh)
Zoom Ratio	4x Digital Zoom
Alert Type	Audio and Motion
Control Method	App (Ubox)
Storage	Micro SD Card (up to 128GB, not included), Cloud Storage
Dimensions (L x W x H)	5.8 x 9.8 x 7 inches
Item Weight	2.48 pounds (1.13 Kilograms)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official LIWAN website or contact customer service through the Ubox App. Specific warranty terms may vary and are typically outlined in the product packaging or on the manufacturer's website.

