LIWAN TZ-SH330

LIWAN TZ-SH330 4G LTE Cellular Security Camera User Manual

Model: TZ-SH330 | Brand: LIWAN

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your LIWAN TZ-SH330 4G LTE Cellular Security Camera. Designed for outdoor and off-grid surveillance, this camera offers reliable monitoring without the need for a WiFi connection.

Image: The LIWAN TZ-SH330 4G LTE Cellular Security Camera, white, with two antennas and a power cable, shown next to a smartphone displaying its live feed.

Your browser does not support the video tag.

Video: An overview of the LIWAN 4G LTE Cellular Security Camera, highlighting its features and outdoor application.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation.

- Cellular Security Camera (Model: TZ-SH330)

- 4G SIM Card (pre-inserted)

- Power Adapter (DC 5V/2A) and USB Cord (2.7m)

- User Manual

- Mounting Accessories (bracket, screws, positioning sticker)
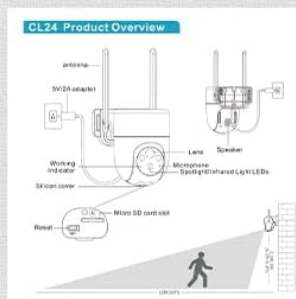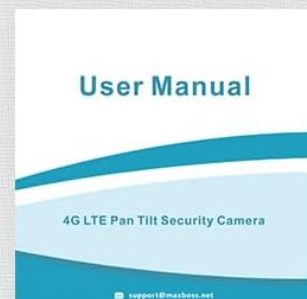
- Warning Sticker

Contents of the package

① 4G Camera

② Bracket

③ Adapter 5V/2A

④ Screw pack

⑤ Quick Guide

⑥ User Manual

⑦ Warning sticker

⑧ Installation positioning sticker

Image: All items included in the LIWAN TZ-SH330 package, neatly laid out.

3. SETUP

3.1 Physical Installation

1. **Choose a Location:** Select an outdoor or indoor area within 4G LTE network coverage. Ensure a power source is accessible for the wired connection. The camera is waterproof for outdoor use.

2. **Mounting:**

   - Use the provided positioning sticker to mark drill holes on the desired surface (wall, fence, etc.).
   - Drill holes and insert the wall anchors if necessary.
   - Secure the mounting bracket to the surface using the provided screws.
   - Attach the camera to the mounted bracket.

3. **Power Connection:** Connect the camera to a power outlet using the provided 2.7-meter USB cable and power adapter (DC 5V/2A). The camera requires a continuous power supply for 24/7 recording.

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Video: Demonstrates the easy installation process of the LIWAN 4G LTE Cellular Security Camera, including mounting the bracket and attaching the camera.
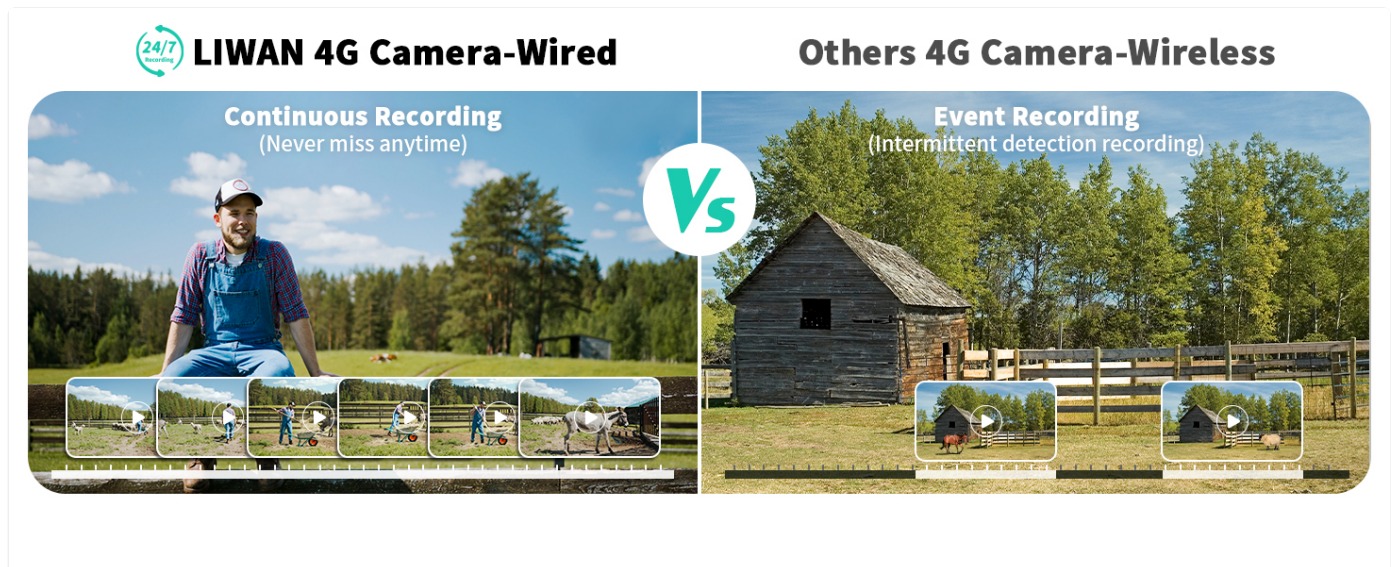

Image: The camera is shown plugged into a wall outlet, highlighting its wired power for continuous 24/7 recording.

3.2 App Installation and Connection

1. **Download Ubox App:** Scan the QR code provided in the user manual or on the camera packaging to download the Ubox app from your smartphone's app store.

2. **Login/Register:** Open the Ubox app and either log in to an existing account or register a new one.

3. **Add Device:**

   - Click "Add Device" within the app.
   - Select "Setup 4G Device".
   - Ensure the camera is powered on and the blue indicator LED is solid, then click "Next".
   - Scan the QR code located on the camera itself using the Ubox app to pair.
   - Follow any on-screen prompts to complete the connection.

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3.3 SIM Card and Data Plan

- The 4G SIM card is pre-inserted into the camera. It cannot be replaced.

- A 7-day trial data plan is included for initial testing.

- A subscription is required for unlimited data usage. Data plans are available for purchase within the Ubox app (e.g., $19.99 for 30 days, $99.99 for 180 days).

- The camera supports 4G networks in the US, including Verizon, T-Mobile, and AT&T operators.

Built-in SIM Card

4G Unlimited Data Plan - Subscription Required

- Sim card includes with 7-day unlimited trial data.
- Support Verizon, T-Mobile and AT&T Network.
- Unlimited 4G Data-$19.9 Per Month.

30 Days	180 Days	360 Days	720 Days
$19.9	$99.9	$169.9	$299.9

Pre-insert

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

Image: Details on the built-in SIM card and available data plan options for the camera.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

- Access the live feed of your camera through the Ubox app.
- Use the on-screen controls to pan (horizontal rotation), tilt (vertical movement), and digitally zoom (4x) the camera for a 360° viewing angle.

360° Coverage for Your Home

APP Remote Control Anywhere

4X Digital Zoom

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Image: The camera's 360° coverage and 4x digital zoom capabilities are demonstrated via the smartphone app.

4.2 Recording

- The camera supports continuous 24/7 recording when plugged into a power source.
- Recordings are stored on the built-in 32GB SD card (expandable up to 128GB) or can be uploaded to cloud storage (30-day free trial available).
- All videos can be replayed or downloaded directly via the Ubox app.

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Video: Highlights the camera's ability to provide 24/7 non-stop recording when plugged in, ensuring continuous surveillance.

4.3 Night Vision Modes

The camera offers three night vision modes:

- **Infrared Night Vision:** Provides clear black and white footage in low-light conditions.
- **Color Night Vision:** Utilizes the built-in spotlight to capture full-color video at night.
- **Smart Night Vision:** Automatically switches between infrared and color modes based on detected motion or ambient light.

Image: Illustrates the three available night vision modes: Color, Infrared, and Smart, demonstrating their visual differences.

4.4 Motion Detection and Two-Way Audio

- **Smart Motion Detection:** The camera detects motion and sends real-time alerts to your mobile phone via the Ubox app.
- **Custom Detection Areas:** Define specific monitoring zones within the app to reduce false alarms and focus on critical areas. Adjust sensitivity settings as needed.
- **Two-Way Audio:** Use the built-in microphone and speaker to communicate with visitors or deter intruders directly

through the app.

Image: Depicts the motion detection and two-way audio features, showing an alert on a phone and a person being addressed by the camera's spotlight.

Image: A visual representation of setting custom detection areas to optimize motion alerts.

5. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and housing with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Check the Ubox app periodically for available firmware updates to ensure optimal performance and security.
- **Cable Inspection:** Inspect the power cable for any signs of wear or damage, especially if installed outdoors. Replace if necessary.
- **SD Card Management:** If using local storage, periodically review and manage recordings on the SD card to prevent it from filling up.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to app.	No 4G signal, incorrect pairing, camera not powered on.	Ensure camera is powered and blue LED is solid. Check 4G signal strength in the area. Re-attempt pairing via the Ubox app.
No 24/7 recording.	Camera not continuously powered, SD card full or faulty.	Verify continuous power supply. Check SD card status in the app; format or replace if needed. Ensure data plan is active for cloud recording.
Poor video quality.	Dirty lens, low 4G signal, app settings.	Clean the camera lens. Check 4G signal strength. Adjust video quality settings in the Ubox app.
Motion alerts not received.	App notifications disabled, incorrect motion detection settings.	Enable notifications for the Ubox app on your phone. Adjust motion detection sensitivity and custom areas in the app.

7. SPECIFICATIONS

Feature	Detail
Model Number	TZ-SH330
Connectivity	4G LTE Cellular (No WiFi support)
Power Source	Corded Electric (DC 5V/2A)
Video Capture Resolution	2K
Night Vision	2K Color Night Vision (Infrared, Color, Smart modes), 65 Feet Range
Viewing Angle	360 Degrees (PTZ Technology)
Zoom	4x Digital Zoom
Audio	Two-Way Audio
Storage	Built-in 32GB SD Card (Max 128GB), Cloud Storage (Subscription)
Motion Detection	Smart Motion Detection, Custom Detection Areas
Weather Resistance	Waterproof
Dimensions	4.7 x 3.1 x 1.61 inches
Item Weight	1.23 pounds

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in your product packaging or visit the official LIWAN website. Ensure you have your model number (TZ-SH330) and purchase details ready when

contacting support.

You can also visit the [LIWAN Store on Amazon](#) for additional product information and support resources.