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NUASI ZQS099

NUASI 4G LTE Indoor Surveillance Camera ZQS099 User Manual

Model: ZQS099

1. Introduction

Thank you for choosing the NUASI 4G LTE Indoor Surveillance Camera. This camera provides a reliable and flexible surveillance solution without the need for Wi-Fi, utilizing 4G LTE connectivity. Featuring a 7800mAh battery, 2K resolution, 360° PTZ control, PIR motion detection, color night vision, and two-way audio, it is designed for versatile indoor monitoring. This manual will guide you through the setup, operation, and maintenance of your device.



Image 1: NUASI 4G LTE Indoor Surveillance Camera. This image shows the front view of the white camera unit.

2. What's in the Box

Please check the package contents upon unboxing to ensure all items are present:

- 1 x NUASI 4G LTE Indoor Surveillance Camera
- 1 x User Manual
- 1 x USB Charging Cable
- 1 x Mounting Bracket
- Mounting Screws and Wall Plugs



Image 2: Package Contents. This image displays the camera, user manual, charging cable, mounting bracket, and screws.

3. Setup

3.1 SIM Card Installation

The camera operates using a 4G LTE SIM card. A SIM card is included, offering 7 days of free unlimited data. After this trial period, a subscription plan is required for continued use. Please note that the provided SIM card is not compatible with mobile phones and is intended for camera use only. Misuse may lead to card blocking.

1. **Disable SIM PIN:** Before inserting the SIM card into the camera, ensure that any PIN code protection on the SIM card is disabled. You can do this by inserting the SIM card into a mobile phone and disabling the PIN through the phone's security settings.
2. Locate the SIM card slot on the camera.
3. Carefully insert the 4G LTE SIM card into the designated slot until it clicks into place.



Image 3: SIM Card Insertion. This image shows the side of the camera with the SIM card slot clearly visible.

3.2 App Installation (uBoxPro)

To control and monitor your camera, download the uBoxPro application on your smartphone.

1. Scan the QR code provided in the manual or search for "uBoxPro" in the Apple App Store (for iOS devices) or Google Play Store (for Android devices).
2. Download and install the application.
3. Follow the in-app instructions to register an account and add your camera.



Image 4: uBoxPro App. This image shows a smartphone displaying the uBoxPro application interface.

3.3 Initial Power On

After inserting the SIM card and installing the app:

1. Ensure the camera is fully charged or connected to a power source using the provided USB cable.
2. Press and hold the power button (if applicable) or ensure the camera is powered on.
3. Open the uBoxPro app and follow the prompts to connect to your camera. The app will guide you through the pairing process.

4. Operating Instructions

4.1 PTZ Control (Pan, Tilt, Zoom)

The camera offers flexible viewing angles with 355° horizontal pan and 90° vertical tilt. You can control the camera's movement remotely via the uBoxPro app.

- Open the uBoxPro app and select your camera.
- Use the directional controls within the app to pan (move horizontally) and tilt (move vertically) the camera lens.
- The camera also supports 4x digital zoom for closer inspection of details.



Image 5: PTZ Functionality. This image illustrates the camera's 355° pan and 90° tilt capabilities, showing a wide indoor view.

4.2 Motion Detection (PIR)

The camera features an intelligent PIR (Passive Infrared) sensor and advanced algorithms to accurately detect human movement, minimizing false alarms from pets or other non-human sources. You will receive instant alerts on your mobile phone when motion is detected.

- Enable motion detection in the uBoxPro app settings.
- Adjust the detection sensitivity and set specific detection zones as needed.



Image 6: PIR Motion Detection. This image shows the camera detecting a child playing, with an alert notification.

4.3 Two-Way Audio

With a built-in microphone and speaker, the camera supports real-time two-way communication. This allows you to speak to individuals near the camera or listen to the environment.

- Access the live view in the uBoxPro app.
- Tap the microphone icon to speak and the speaker icon to listen.



Image 7: Two-Way Audio. This image depicts a user communicating with a pet through the camera.

4.4 Night Vision

The camera provides color night vision up to 10 meters, ensuring clear images even in complete darkness.

- Night vision activates automatically in low-light conditions.
- You can adjust night vision settings (e.g., color or infrared) within the uBoxPro app.

4.5 Storage Options

The camera offers flexible storage solutions for your recordings:

- **Micro SD Card:** Supports up to 128GB (not included) for local storage. Insert the card into the designated slot.
- **Cloud Storage:** A 30-day free trial is available within the app. Cloud storage utilizes Amazon Web Services (AWS) for data security and privacy.



Image 8: Storage Options. This image shows the camera with icons representing cloud storage and SD card storage.

4.6 Multi-User Sharing

You can share access to your camera's live feed and recordings with family and friends through the uBoxPro app.

- In the uBoxPro app, navigate to the sharing settings.
- Invite other users by entering their account details.



Image 9: Multi-User Sharing. This image illustrates multiple users viewing the camera feed on their smartphones.

5. Maintenance

5.1 Battery Charging

The camera is equipped with a 7800mAh high-capacity battery and low power consumption technology, allowing for weeks of use on a single charge. When the battery level is low, connect the camera to a power source using the provided USB cable.



Image 10: High-Capacity Battery. This image highlights the camera's 7800mAh battery.

5.2 Cleaning

To maintain optimal performance, regularly clean the camera lens and body. Use a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the camera.

6. Troubleshooting

6.1 SIM Card Not Recognized

If the camera does not recognize the SIM card:

- Ensure the SIM card's PIN code is disabled before insertion (refer to Section 3.1).
- Verify that the SIM card is correctly inserted into the slot.
- Check if the SIM card is active and has a valid data plan.
- Restart the camera.

6.2 No Connection/Offline

If the camera appears offline in the app:

- Check the 4G signal strength in the camera's location.
- Ensure the SIM card has an active data plan and sufficient data balance.
- Restart the camera and your smartphone.
- Verify that the uBoxPro app is updated to the latest version.

6.3 Poor Video Quality

If the video quality is not as expected:

- Ensure the camera lens is clean.
- Check the network signal strength; a weak 4G signal can affect streaming quality.
- Adjust the video resolution settings in the uBoxPro app.



Image 11: 2K Resolution. This image compares the clarity of 2K resolution versus 1080p.

7. Specifications

Brand	NUASI
Model Name	ZQS099
Connectivity Protocol	3G/4G (Cellular)
Indoor/Outdoor Use	Indoor
Mounting Type	Table Mount
Video Recording Resolution	2K
Color	White
Number of Items	1
Battery Required	Yes
Battery Capacity	7800mAh
Video Capture Format	MP4
Item Dimensions	8 x 8 x 12 centimeters
Country of Origin	China

8. Warranty & Support

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official NUASI website. Our customer service team is available to assist you with any questions or issues you may encounter.
Data Security: NUASI cameras use AES algorithm for data encryption and ECDHE algorithm for high-strength key exchange. This ensures secure transmission and storage of camera data.



Image 12: Data Protection. This image shows a shield icon symbolizing data security and encryption.

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