

SECULINK Dual Len WiFi 4MP

SECULINK 4MP Dual Lens WiFi Security Camera User Manual

Model: Dual Len WiFi 4MP (B0CQYSHDBT)



1. INTRODUCTION

Thank you for choosing the SECULINK 4MP Dual Lens WiFi Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new security camera. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

This camera features a dual-lens design, offering both PTZ (Pan/Tilt/Zoom) and fixed views simultaneously. It supports 2.4Ghz and 5Ghz WiFi, auto-tracking, human detection, color night vision, and is IP65 waterproof for outdoor use.

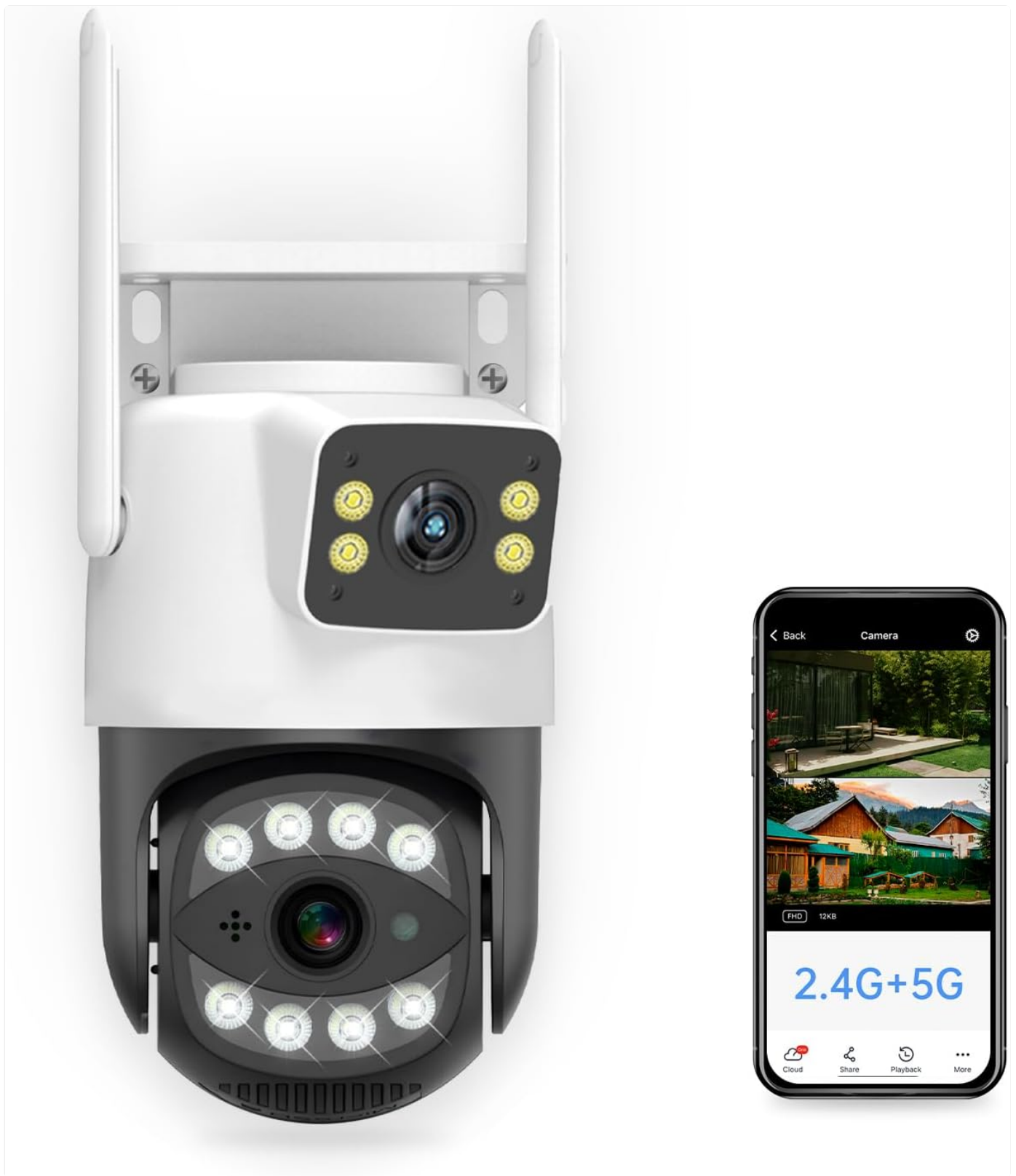


Figure 1: SECULINK 4MP Dual Lens WiFi Security Camera and companion app interface.

2. PRODUCT OVERVIEW

2.1. Components

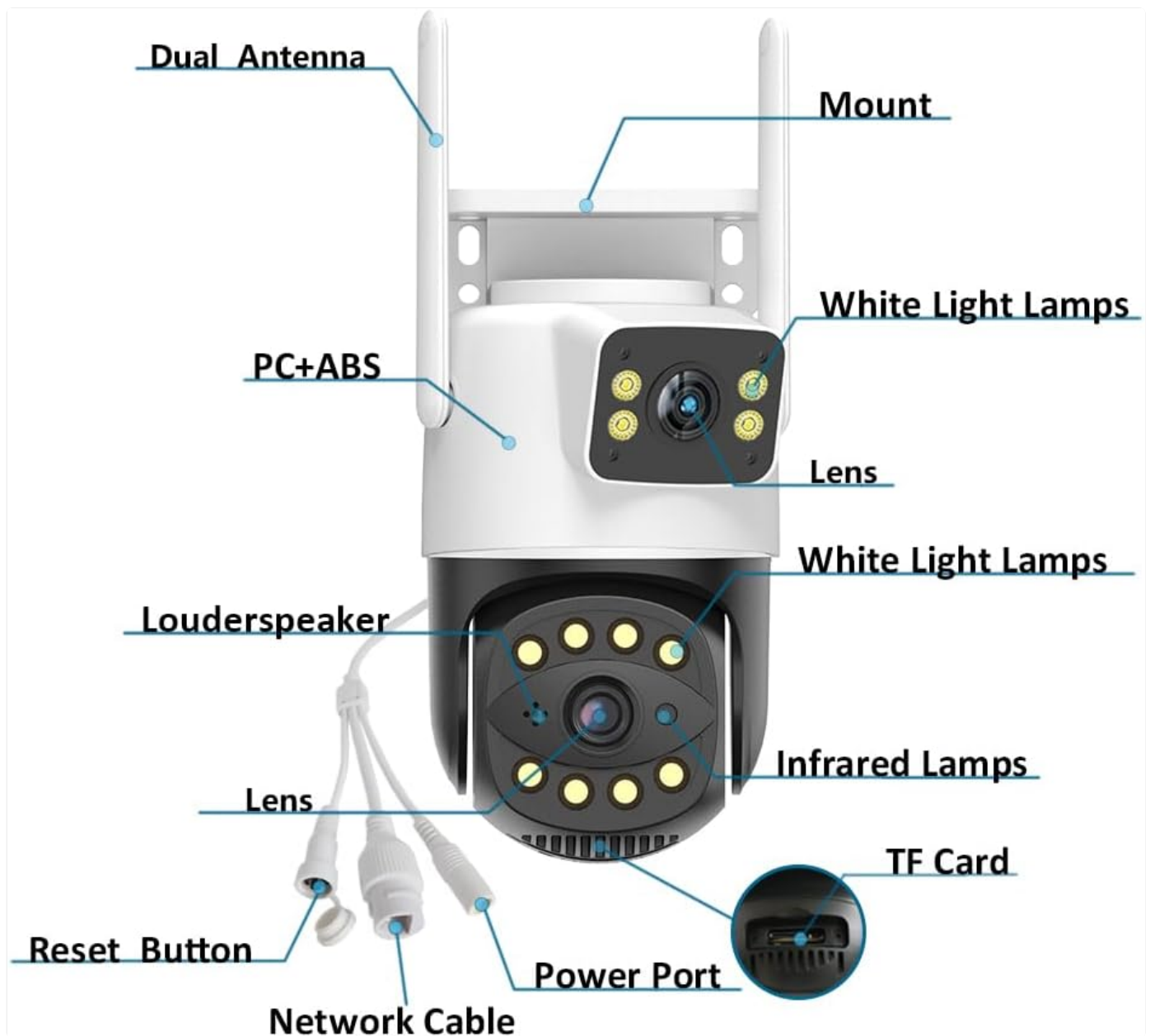


Figure 2: Key components of the SECULINK Dual Lens Camera.

- **Dual Antenna:** For stable 2.4Ghz/5Ghz WiFi connectivity.
- **Mount:** For secure wall installation.
- **PC+ABS Casing:** Durable and weatherproof housing.
- **Lenses:** Upper fixed lens and lower PTZ lens.
- **White Light Lamps:** For color night vision and floodlight alarm.
- **Infrared Lamps:** For traditional IR night vision.
- **Loudspeaker:** For two-way audio and audible alarms.
- **Network Cable Port:** For wired Ethernet connection (optional).
- **Power Port:** DC 12V input.
- **Reset Button:** For factory reset.
- **TF Card Slot:** Supports up to 256GB for local storage (TF card sold separately).

2.2. Key Features

- **Dual Lens & Dual View:** Simultaneously view two camera feeds on your smartphone, one fixed and one tracking.

4mm+4mm Dual Lens Dual Screen

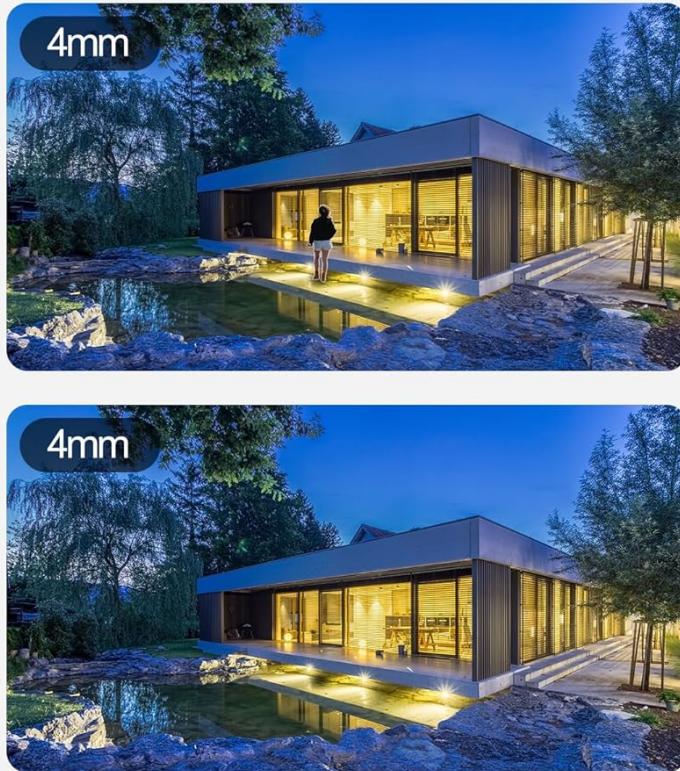


Figure 3: Dual lens system providing two simultaneous views.

- **2K HD Quality:** Dual 2MP camera lenses capture clear images day and night. Night vision up to 30m (100ft).



Figure 4: Demonstrating 1080p HD image clarity.

- **Automatic Tracking & Human Detection:** The PTZ camera can pan (335°) and tilt (90°) to automatically track moving objects, showing close-up views. Human detection reduces false alarms.

Auto Tracking & Human Detection



Human
Detection



Human
Tracking



Audible
Alarm



Smart
Floodlight



Figure 5: Auto-tracking and human detection in action.

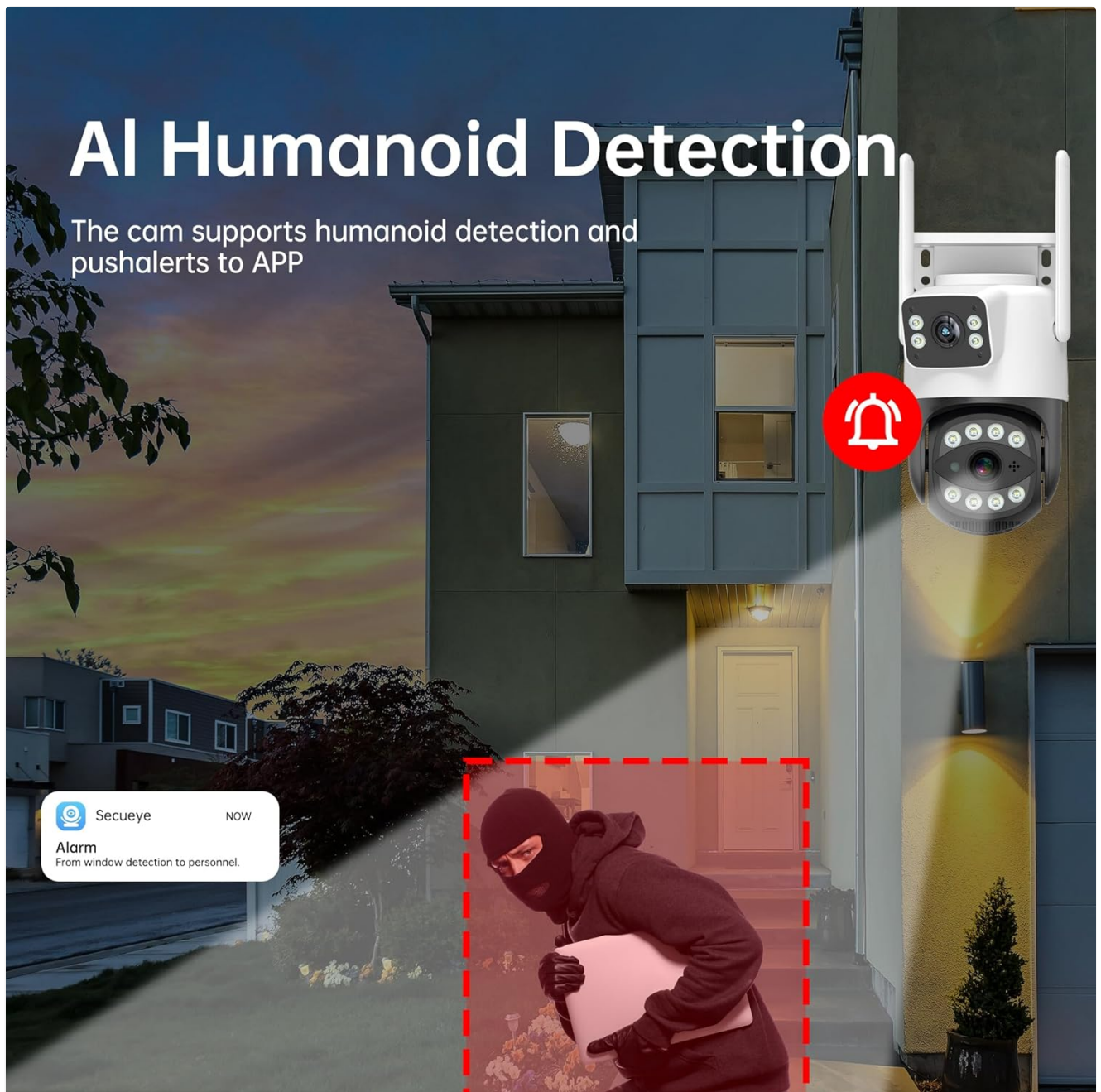


Figure 6: AI Humanoid Detection for precise alerts.

- **Floodlight and Sound Alarm:** Built-in spotlights activate upon motion detection at night, accompanied by a security siren.
- **Dual-Band WiFi:** Supports both 2.4 GHz and 5 GHz WiFi for optimal network performance and stable connection.
- **Smooth Pan & Tilt Monitoring:** Control the camera's movement remotely via the app to cover every corner.



Figure 7: Remote Pan & Tilt control via the mobile application.

- **Smart Night Vision:** Offers Infrared, White Light, and Full Color Night Vision modes.

Smart Night Vision

Built-in pcs Infrared/white dual-light led, Still clear at night.



Figure 8: Different night vision modes for enhanced visibility.

- **2-Way Audio:** Built-in speaker and microphone allow real-time conversation.
- **IP65 Weatherproof:** Designed for both outdoor and indoor use, resilient in various weather conditions.
- **Multiple Storage Options:** Supports 24/7 or motion-triggered recording to a TF card (up to 256GB) or Cloud storage.

Dual Camera playback

Support mobile phones, tablets, computers and other terminals to view the monitoring video, using APP to view playback video at any time



Figure 9: Dual camera playback feature on the mobile app.

3. SETUP GUIDE

3.1. Before You Begin

- Ensure you have a stable 2.4Ghz or 5Ghz WiFi network available.
- Download the "SECUEYE" app from your smartphone's app store (iOS or Android).
- Unpack all components and verify nothing is missing.
- Prepare a suitable location for installation, considering power access and WiFi signal strength.

3.2. Initial Setup Steps

1. **Power On:** Connect the camera to a power source using the provided charger. The camera will initiate self-test and indicator lights will flash.
2. **App Installation:** Search for "SECUEYE" in the App Store or Google Play Store and install the application.
3. **Account Registration:** Open the SECUEYE app and register a new account or log in if you already have one.
4. **Add Device:**
 - Tap the "+" icon in the app to add a new device.
 - Select "Add Camera" or scan the QR code located on the camera body (if available).
 - Follow the on-screen prompts to connect the camera to your WiFi network. Ensure your phone is connected to the same WiFi network you intend for the camera.
 - During the WiFi configuration, you may be prompted to select between 2.4Ghz and 5Ghz. Choose the appropriate band for your network.
5. **Device Naming:** Once connected, you can name your camera (e.g., "Front Door Camera", "Garden Camera").
6. **MicroSD Card Installation (Optional):** If using local storage, insert a TF card (up to 256GB) into the designated slot. Format the card via the app settings for optimal performance.

3.3. Physical Installation

- Choose a wall-mounted location that provides the desired viewing angle and is within range of your WiFi signal.
- Use the provided mounting screws and template (if included) to securely attach the camera to the wall.
- Ensure the camera is positioned to avoid direct sunlight or strong light sources that could affect image quality.
- For outdoor installation, ensure the power connection is protected from water exposure.

4. OPERATING INSTRUCTIONS

4.1. Live View and Playback

- Open the SECUEYE app and select your camera from the device list to access the live view.
- Use the on-screen controls to pan, tilt, and digitally zoom the PTZ lens.
- Switch between the fixed and PTZ camera views as needed.
- To view recorded footage, tap the "Playback" option in the app. You can select specific dates and times to review events.

4.2. Motion Detection and Alerts

- Navigate to the camera settings within the app.
- Enable "Motion Detection" and adjust sensitivity levels.
- Configure "Human Detection" to minimize false alarms from pets or environmental factors.
- Set up "Alert Notifications" to receive push alerts on your smartphone when motion is detected.
- Customize "Alarm Sound" and "Floodlight" activation upon detection for enhanced security.

4.3. Two-Way Audio

- In the live view interface, tap the microphone icon to speak through the camera's loudspeaker.
- Tap the speaker icon to listen to audio from the camera's microphone.

4.4. Night Vision Modes

- The camera automatically switches to night vision in low light conditions.
- You can manually select between Infrared, White Light, or Full Color Night Vision modes in the app settings based on your preference and lighting conditions.

5. MAINTENANCE

- **Cleaning:** Regularly clean the camera lenses with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the SECUEYE app periodically for firmware updates. Keeping your camera's firmware updated ensures optimal performance and security.
- **Network Stability:** Ensure your WiFi network remains stable and strong for uninterrupted camera operation.
- **Power Supply:** Use only the original power adapter provided with the camera.
- **Storage Management:** If using a TF card, periodically check its status in the app and consider formatting it every few months to maintain performance. Back up important recordings before formatting.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline / Cannot connect to WiFi	Weak WiFi signal. Incorrect WiFi password. Router issues. Camera too far from router.	Move camera closer to router or use a WiFi extender. Double-check WiFi password. Restart your router. Ensure camera is connected to the correct 2.4Ghz or 5Ghz band as configured. Reset the camera and try re-pairing.
Poor image quality	Dirty lens. Insufficient lighting. Network bandwidth issues.	Clean the camera lens. Ensure adequate lighting or switch to appropriate night vision mode. Check your internet speed; reduce video quality settings in the app if necessary.
Motion detection false alarms	Sensitivity too high. Environmental factors (e.g., moving branches, shadows, insects).	Adjust motion detection sensitivity in the app. Enable "Human Detection" to filter out non-human movements. Adjust detection zones to exclude busy areas.
SD card not recognized / Recording issues	SD card not inserted correctly. SD card corrupted or incompatible. SD card full.	Reinsert the SD card. Format the SD card via the app. If issues persist, try a new, high-quality TF card (Class 10 or higher). Ensure the SD card is not full; enable loop recording or manage storage.

7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Camera Lens	1x PTZ, 1x Fixed
Focal Length	3.6mm
Rotation Angle	355° horizontal, 120° vertical
Zoom	10x Digital Zoom
Image Sensor	2MP CMOS
Resolution	1920×1080P Max (Also referred to as 2K HD Quality)
Video Compression	H.265+/H.264
Night Version	IR-Cut, Starlight, LED
Infrared Distance	30 meters (100 feet)
Audio Input	Built-in MIC
Audio Output	Built-in speaker
Waterproof Rating	IP65
Connectivity	WiFi 2.4Ghz / 5Ghz / Wired Ethernet
Power	DC 12V, 9 watts
APP	SECUEYE
Working Temperature	-10 to +50 °C (14 to 122 °F)
Storage	TF card (up to 256GB), Cloud Storage
Mounting Type	Wall Mount
Item Weight	590 g

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official SECULINK website. You may also contact SECULINK customer service through the contact information provided on their Amazon store page or within the SECUEYE application.

Amazon Store Link: [SECULINK Official Store](#)