

litokam M1

litokam 4MP Security Camera Outdoor User Manual

Model: M1 | Brand: litokam

1. PRODUCT OVERVIEW

The litokam 4MP Security Camera is designed for outdoor home security, offering 2.5K QHD resolution and 360° PTZ (Pan/Tilt/Zoom) capabilities. It features color night vision, two-way audio, AI motion detection with auto-tracking, and siren functionality for enhanced security. This camera is a wired outdoor camera, not battery-powered, and operates on 2.4GHz WiFi.



Figure 1: Two litokam 4MP Security Cameras. These cameras are designed for outdoor use and feature dual antennas for stable connectivity.

2. WHAT'S IN THE BOX

Upon unboxing your litokam security camera, you should find the following components:

- litokam 4MP Security Camera(s)
- Power Adapter
- Mounting Screws and Wall Anchors
- Instruction Manual

Your browser does not support the video tag.

Video 1: Unboxing and initial overview of the litokam camera and its components, including the camera unit, power cable, and mounting accessories.

3. SETUP

Follow these steps to set up your litokam security camera:

1. **Power On:** Connect the camera to a power source using the provided power adapter. The camera will initiate

its startup sequence.

2. **App Download:** Download the "Littlelf Smart" app from your smartphone's app store (available on Google Play and Apple App Store).
3. **Account Registration:** Register for an account within the "Littlelf Smart" app using your email address.
4. **Add Device:**
 - Open the app and select "Add Device".
 - Allow location permissions when prompted.
 - Select "Outdoor WiFi Camera" from the list of device types.
 - Follow the in-app instructions to connect the camera to your 2.4GHz WiFi network.
 - Scan the QR code displayed on your phone screen with the camera lens. Ensure the camera is ready to connect (indicated by a voice prompt).
 - Wait for the connection to complete. A voice prompt will confirm successful connection.
5. **Micro SD Card Installation (Optional):** If you wish to use local storage, insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera.
6. **Mounting:**
 - Choose a suitable outdoor location, ideally 2-3 meters (7-10 feet) above the ground for optimal detection range.
 - Remove the bracket from the camera.
 - Drill holes in accordance with the bracket and install the bracket using the provided screws and wall anchors.
 - Attach the camera to the mounted bracket and tighten the screws to secure it.

Keep Your Home Safe with PIR Motion Detection

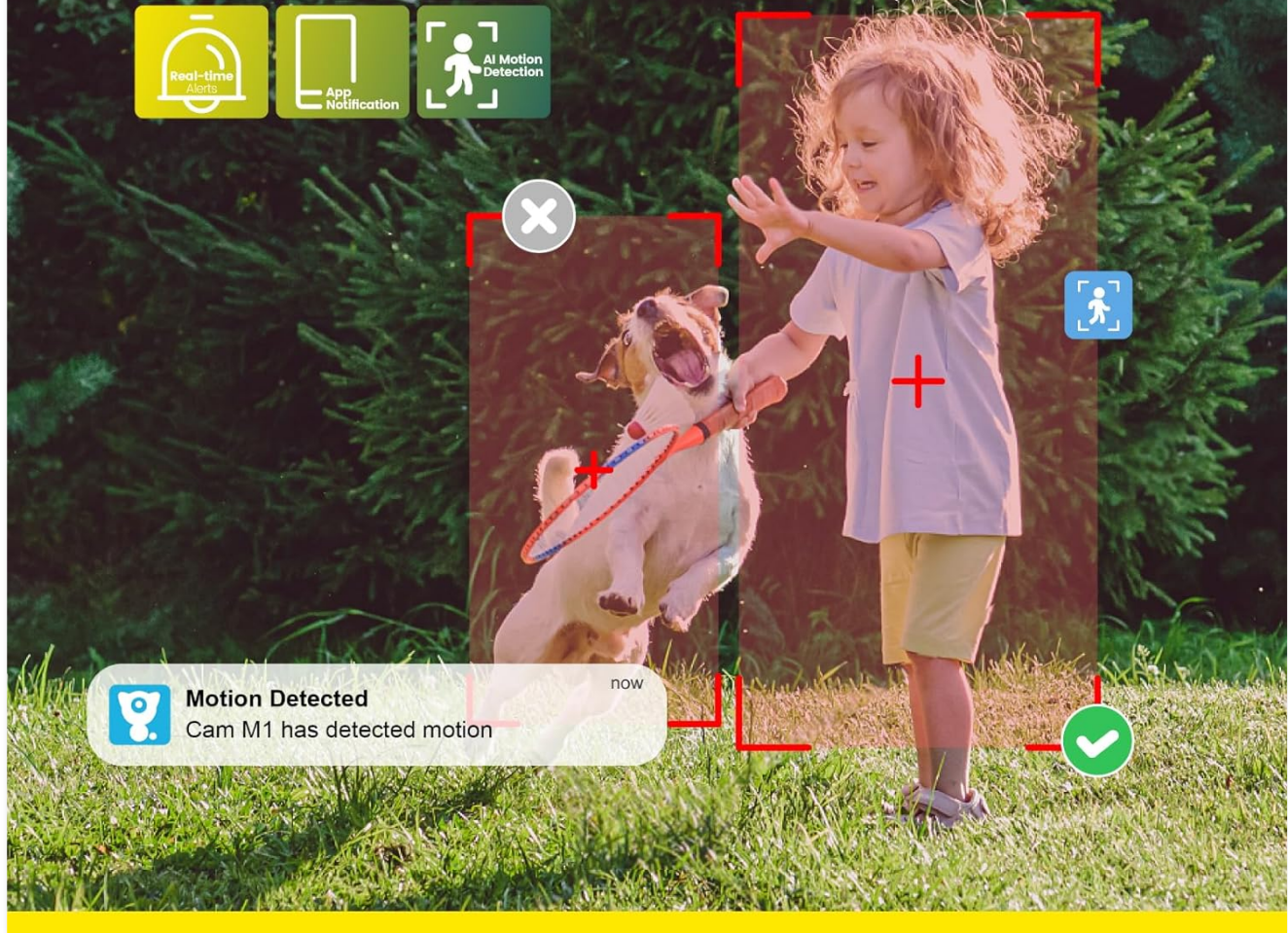


Figure 2: App interface for device setup. The Littlelf Smart app guides users through the connection process, including QR code scanning.

Your browser does not support the video tag.

Video 2: Demonstration of connecting the litokam camera to a smartphone via the app, including scanning the QR code and confirming successful device addition.

4. OPERATING INSTRUCTIONS

4.1. 360° PTZ Control

Remotely control the camera's pan and tilt functions via the "Littlelf Smart" app to monitor every corner of your property. The camera offers 360° horizontal and 96° vertical viewing angles.

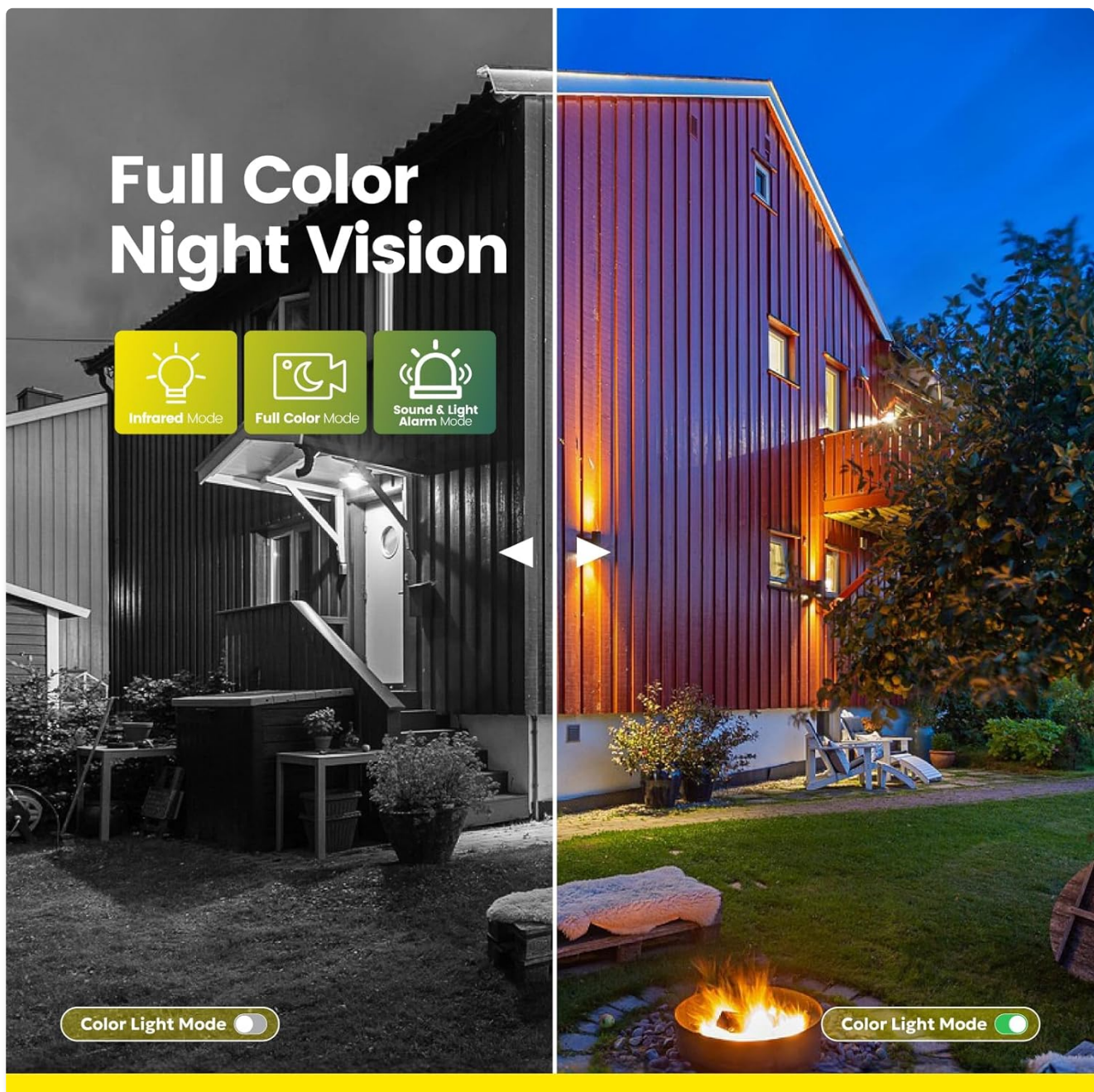


Figure 3: Remote PTZ control via the app. Users can slide the screen to change the monitoring direction and utilize 3X digital zoom.

4.2. Motion Detection & AI Analytics

The camera utilizes PIR motion detection and advanced AI analysis to accurately identify and differentiate between people and vehicles, reducing false alarms. Real-time alerts are sent to your phone upon detection.

Object & Scene AI Analysis

Accurately identifies object and reduce the risk of false alarms.



Vehicle detected

now

Cam M1 has detected vehicle



Figure 4: PIR Motion Detection. The camera provides real-time alerts and notifications for detected motion.



Figure 5: Object & Scene AI Analysis. The camera accurately identifies objects like people and vehicles, reducing false alarms.

4.3. Two-Way Audio & Siren

Communicate with visitors or deter intruders using the built-in microphone and speaker. The camera also features a siren and flashing white light for immediate alerts and deterrence.



Figure 6: Respond in Real-time. The two-way audio feature allows for seamless communication through the phone app.

4.4. Full-Color Night Vision

The camera offers three night vision modes: smart, full-color, and infrared, with a 33ft visible range. The built-in LED spotlight enables full-color night vision, even in low-light conditions.

Remote PTZ Control

Slide screen to change the monitoring direction



3X Digital Zoom

Figure 7: Full Color Night Vision. The camera provides clear, colorful images even at night, with options for infrared, full-color, and sound & light alarm modes.

4.5. Multi-User & Multi-Device Sharing

Share camera access with family members and view live video remotely from multiple devices, including Android, iOS, tablets, and PC software.

Work Under Any Condition

Rain or Shine



-20°C/-4°F

55°C/131°F



Figure 8: Multi-user & Sharing. The system supports viewing on Android, iOS, Tablet, and PC software.

5. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and body with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Ensure your camera's firmware is up to date through the "Littlelf Smart" app to benefit from the latest features and security enhancements.
- **Weather Protection:** The camera is IP65 waterproof, designed to withstand various weather conditions (rain, wind, snow) within a temperature range of -20°C (-4°F) to 55°C (131°F).
- **Storage Management:** Periodically review and manage your recorded footage on the Micro SD card or cloud storage to ensure sufficient space.

Multi-user & Sharing



Android



iOS



Tablet



PC Software



Figure 9: Work Under Any Condition. The camera is designed to be weatherproof, operating in temperatures from -4°F to 131°F.

6. TROUBLESHOOTING

• Camera Offline:

- Check your WiFi connection and ensure it is 2.4GHz.
- Verify the camera is receiving power.
- Restart the camera and your router.
- Ensure the camera is within range of your WiFi signal.

• False Alarms:

- Adjust the motion detection sensitivity settings in the app.
- Utilize the AI analysis features to filter out non-human/vehicle movements.
- Set up customized monitoring zones to focus on specific areas.

• Poor Image Quality:

- Ensure the lens is clean and free from obstructions.

- Check your internet speed; a stable connection is crucial for 2.5K streaming.
 - Adjust the video quality settings in the app if your network bandwidth is limited.
- **Two-Way Audio Issues:**
 - Check microphone and speaker settings in the app.
 - Ensure there are no physical obstructions blocking the microphone or speaker.
 - Verify your phone's volume settings.

7. SPECIFICATIONS

Feature	Detail
Model Name	M1
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	4 MP (2560*1440)
Connectivity Protocol	Wi-Fi (2.4GHz only)
PTZ Viewing Angle	360 Degrees (Horizontal)
Night Vision Range	33 Feet (Full-Color & Infrared)
Two-Way Audio	Yes
Motion Detection	PIR Motion Detection & AI Analytics (Person/Vehicle)
Storage Options	Micro SD Card (up to 128GB, not included), Cloud Storage (7-day trial)
Water Resistance Level	IP65 Waterproof
Operating Temperature	-20°C (-4°F) to 55°C (131°F)
Power Source	Corded Electric
Compatible Devices	Desktop, Laptop, Smartphone, Tablet (via Littlelf Smart App)
Controller Type	Amazon Alexa, Google Assistant

8. WARRANTY AND SUPPORT

litokam offers comprehensive support for its products:

- **2-Year Warranty:** The product comes with a 2-year warranty.
- **30-Day Money-Back Guarantee:** A 30-day money-back guarantee is provided.
- **Lifetime Tech Support:** Enjoy lifetime technical support for your litokam camera.
- **24/7 Live Chat:** Access 24/7 live chat support for immediate assistance.
- **Customer Reviews:** The product has a 4.2 out of 5 stars rating from 987 ratings, indicating positive user experiences.

