fanxiang FWC1

fanxiang 3MP 2K HD Indoor Window Surveillance Camera User Manual

Model: FWC1

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your fanxiang 3MP 2K HD Indoor Window Surveillance Camera (Model FWC1). Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.
The fanxiang FWC1 is designed for indoor use, allowing you to monitor outdoor areas by mounting the camera securely against a window. It features 3MP 2K HD resolution, color night vision, 24/7 recording capabilities, motion detection, and two-way audio communication.

2. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- fanxiang FWC1 Camera x1
- USB-C Power Cable x1
- Power Adapter x1
- Window Mounts (various types) x2
- Table Stand x1
- Wall Mount x1
- Replacement Double-Sided Adhesives x4
- Cable Ties x4
- Screws and Wall Plugs (for wall mounting) x3

- User Manual x1



Figure 2.1: Package Contents

3. Safety Information

- Ensure the camera is powered by the provided adapter and cable. Using unauthorized power sources may damage the device and void the warranty.
- Do not expose the camera to extreme temperatures, humidity, or dust.
- Avoid placing the camera near strong magnetic fields or direct sunlight for extended periods.
- Keep the camera and its accessories out of reach of children and pets.
- For window mounting, ensure the window surface is clean and dry before applying adhesives.
- Do not attempt to disassemble or modify the camera. This will void the warranty.
- When cleaning, use a soft, dry cloth. Do not use liquid or aerosol cleaners.

4. Setup

4.1 App Installation

The fanxiang FWC1 camera operates with the O-KAM Pro application. Follow these steps to install the app and connect your camera:

1. **Install the Camera:** Choose a location with good Wi-Fi signal strength.
2. **Download O-KAM Pro App:** Search for "O-KAM Pro" on the Google Play Store (for Android) or Apple App Store (for iOS) and install it on your smartphone.
3. **Register/Log In:** Open the app and follow the on-screen instructions to create an account or log in.
4. **Add Device:** In the app, select the option to add a new device. The camera should be detected via Bluetooth for initial pairing.
5. **Connect to Wi-Fi:** Follow the app's prompts to connect the camera to your home Wi-Fi network (supports 2.4 GHz and 5 GHz bands).



Figure 4.1: App Installation and Connection Steps

4.2 Camera Placement and Mounting

The fanxiang FWC1 offers versatile mounting options. Choose the method that best suits your surveillance needs.

4.2.1 Window Mounting (Recommended for Outdoor Monitoring)

This method allows the camera to monitor outdoor areas while remaining protected indoors.

1. **Clean the Surface:** Thoroughly clean the window surface where the camera will be mounted using an alcohol wipe. Ensure it is dry and free of dust or grease.
2. **Attach Mount:** Select the appropriate window mount (flat or angled) and attach it to the camera.
3. **Secure to Window:** Press the camera firmly against the glass using the provided adhesive pads. Ensure a tight seal to minimize reflections.
4. **Cable Management:** Use the included cable ties to neatly route the power cable, preventing tangles and reducing the risk of damage.



Figure 4.2: Window Mounting for Outdoor Surveillance

Important Note for Window Mounting:

- To reduce reflections, press the camera firmly against the glass.
- Avoid using infrared or white light features when filming through glass, as these can cause significant glare and obscure the view. Rely on the camera's color night vision capabilities.

4.2.2 Other Installation Methods

The camera can also be installed using a table stand or wall mounts for indoor monitoring.

- **Table Stand:** Attach the camera to the provided table stand and place it on any flat surface.
- **Wall Mounting:** Use the wall mount bracket, screws, and wall plugs to secure the camera to a wall.



Figure 4.3: Multiple Installation Options

5. Operating Instructions

5.1 Live View and Two-Way Audio

Once connected, open the O-KAM Pro app to access the live video feed from your camera. You can view the feed in real-time and use the two-way audio feature to communicate with people in the camera's vicinity.

- **Live View:** Tap on the camera feed in the app to see what the camera is capturing.
- **Two-Way Audio:** Use the microphone icon in the app to speak, and the speaker icon to listen.



Figure 5.1: Live View and Two-Way Audio Interface

5.2 Recording and Storage

The camera supports continuous 24/7 recording and event-based recording triggered by motion detection.

- **24/7 Recording:** The camera can record continuously.
- **Storage Options:**
    - **MicroSD Card:** Insert a MicroSD card (up to 256GB, sold separately) into the camera's slot for local storage.
    - **Cloud Storage:** An optional cloud storage service is available through the O-KAM Pro app (subscription required).



Figure 5.2: Recording and Storage Options

5.3 Night Vision

The FWC1 features 3MP 2K HD resolution with color night vision, providing clear images even in low-light conditions.

- The camera's F1.0 large aperture lens ensures good brightness in low light.
- Advanced anti-glare technology reduces blur and overexposure for sharper images.

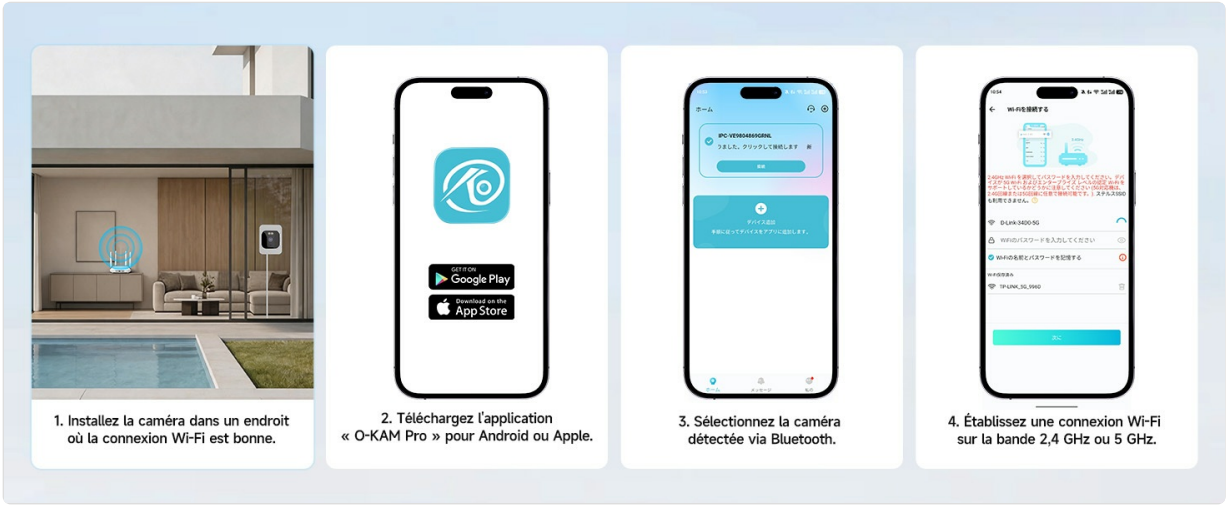


Figure 5.3: F1.0 Anti-Glare Lens and Night Vision Comparison

5.4 Smart AI Features and Notifications

The camera incorporates intelligent AI for motion detection and customizable alert zones.

- **Motion Detection:** The camera detects unusual movements and sends instant notifications to your smartphone.
- **Custom Detection Zones:** Define specific areas within the camera's view for motion detection. This helps protect privacy by excluding irrelevant zones and reduces false alarms.
- **AI Recognition:** The system can detect suspicious persons or activities and send notifications.



Figure 5.4: Custom Privacy Zones for AI Notifications

5.5 Multi-User Access and AP Mode

- **Multi-User Access:** Up to four users can access the camera simultaneously via the app. The primary owner retains full control, while shared users may have limited functions.
- **AP Mode (Access Point Mode):** This mode allows direct connection to the camera with your smartphone within a 15-meter range, even without an internet connection. This is useful for local monitoring and privacy.

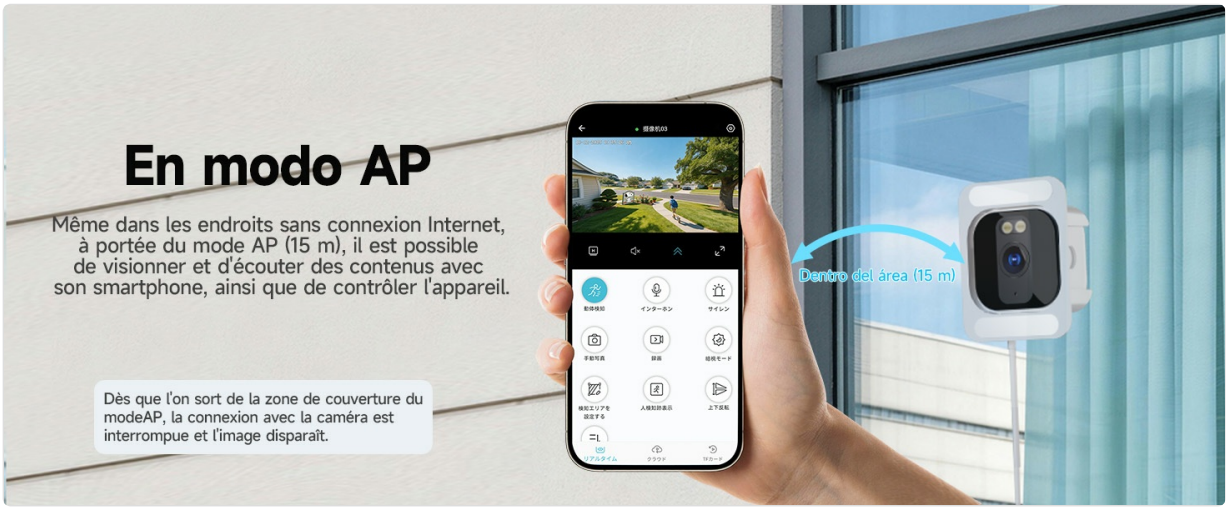


Figure 5.5: AP Mode for Direct Local Connection

5.6 IP Camera Integration

The fanxiang FWC1 supports ONVIF and RTSP protocols, allowing integration with existing NVR (Network Video Recorder) or NAS (Network Attached Storage) surveillance systems.

*Caméra pour vitre ×1
*Câble de recharge ×1
*Support de fixation ×1
*Supports pour vitre ×2
*Câble USB ×1
*Autocollants de rechange ×4
*Autocollant pour table ×1
*Manuel d'utilisation ×1
*Vis ×3
*Attaches pour câbles ×4
*Autocollant marqueur ×1



Figure 5.6: Integration with NVR/NAS Systems

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Regularly check the O-KAM Pro app for available firmware updates to ensure optimal performance and security.
- **Cable Inspection:** Periodically inspect the power cable for any signs of wear or damage. Replace if necessary.
- **Window Surface:** If window-mounted, ensure the window surface remains clean for optimal image quality, especially at night.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi.	Incorrect Wi-Fi password, weak signal, or wrong frequency band (only 2.4GHz/5GHz supported).	• Double-check the Wi-Fi password. • Move the camera closer to the router. • Ensure your router is broadcasting on 2.4 GHz or 5 GHz. • Restart the camera and try connecting again.

Problem	Possible Cause	Solution
Blurry or reflective night vision when window-mounted.	Infrared/white lights reflecting off the glass, dirty window, or camera not pressed firmly against the glass.	• Disable infrared/white light features in the app. • Ensure the window is clean. • Press the camera firmly against the glass to minimize gaps. • Consider external lighting if color night vision is insufficient.
No motion detection alerts.	Motion detection disabled, sensitivity too low, or detection zones incorrectly configured.	• Enable motion detection in the O-KAM Pro app. • Adjust motion sensitivity settings. • Review and adjust custom detection zones to cover desired areas.
MicroSD card not recording.	Card full, corrupted, or not formatted correctly.	• Check if the card is full and delete old recordings if necessary. • Format the MicroSD card via the app settings. • Try a different MicroSD card.
App is slow or unresponsive.	Poor internet connection, outdated app version, or phone issues.	• Check your phone's internet connection. • Update the O-KAM Pro app to the latest version. • Restart the app or your smartphone.

8. Specifications

Feature	Detail
Model Name	FWC1
Resolution	3MP 2K HD (1440p)
Connectivity Technology	Wireless (Wi-Fi 2.4 GHz & 5 GHz, Bluetooth)

Feature	Detail
Special Feature	Brightness Control, Color Night Vision, Motion Detection, Two-Way Audio
Usage	Indoor (for monitoring indoor or outdoor through window)
Compatible Devices	Smartphone (Android, iOS)
Power Source	Corded Electric (5 Watts)
Video Encoding	MP4
Frame Rate	30 Fps
Viewing Angle	108 Degrees
Optical Zoom	1x
Digital Zoom	Yes
Optical Sensor Technology	CMOS
Local Storage	MicroSD card up to 256 GB
IP Rating	IP65 (Note: This rating is for the camera itself, but it's designed for indoor placement to monitor outdoors.)
Dimensions	12.7 x 11.5 x 8.7 centimeters

9. Warranty and Support

For warranty information and technical support, please refer to the official fanxiang website or contact their customer service directly. The product typically comes with a standard manufacturer's warranty. Please retain your proof of purchase for warranty claims.

- **Online Support:** Visit the fanxiang official website for FAQs, troubleshooting guides, and contact information.
- **Email Support:** [Refer to fanxiang official website]
- **Phone Support:** [Refer to fanxiang official website]

Please note that the warranty does not cover damage caused by improper use, unauthorized modifications, or failure to follow the instructions in this manual.

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