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fanxiang Fc1

fanxiang FC1 Wireless 2K Security Camera User Manual

Model: FC1 | Brand: fanxiang

1. Introduction

Thank you for choosing the fanxiang FC1 Wireless 2K Security Camera. This manual provides essential information for the safe and efficient use of your camera. Please read these instructions carefully before installation and operation, and retain them for future reference.



Figure 1.1: fanxiang FC1 Wireless 2K Security Camera

2. Product Overview

The fanxiang FC1 is a battery-powered, completely wireless security camera designed for both indoor and outdoor use. It features 2K resolution, 300° pan rotation, PIR human detection, color night vision, and two-way audio communication.

Key Features:

- **Completely Wireless & Battery-Powered:** No power cords or complex wiring required.

- **2K QHD Video & Color Night Vision:** Captures clear, detailed images day and night.
- **300° Pan Rotation & 130° Wide Angle:** Offers extensive coverage with minimal blind spots, controllable via smartphone app.
- **PIR Human Detection & Smart AI Analysis:** Accurately detects human, vehicle, pet, and package movements, reducing false alarms.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.
- **IP65 Weatherproof:** Designed to withstand various outdoor conditions (rain, snow, dust).
- **Multiple Alarm Functions:** Voice alarm, siren alarm, and flashing light alarm.
- **Cloud & Local Storage:** Supports cloud storage (6 seconds/7 days free rolling recording) and up to 128GB Micro SD card (sold separately).



Figure 2.1: Key features of the fanxiang FC1 camera.

Package Contents:

- fanxiang FC1 Security Camera
- Mounting Stand
- User Manual
- USB Type-C Charging Cable
- Mounting Screws and Anchors

3. Setup Guide

3.1 Charging the Camera

Before initial use, fully charge the camera using the provided USB Type-C cable and a 5V/2A power adapter (not included). The charging indicator light will show the charging status.

3.2 App Installation

1. Download the "FanX Security" app from the Google Play Store (for Android) or the Apple App Store (for iOS).
2. Register an account and log in.



Figure 3.1: Download the FanX Security App.

3.3 Camera Pairing with Wi-Fi

1. Power on the camera.
2. Open the FanX Security app and tap "Add Device" or the "+" icon.
3. Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your Wi-Fi signal strength is at least 75% for stable operation.
4. Scan the QR code displayed on your phone with the camera lens.
5. Once connected, you will hear a confirmation sound, and the camera will appear in your app.

3.4 Mounting the Camera

This variant requires drilling for installation. Choose a suitable location that provides the desired viewing angle and strong Wi-Fi signal.

1. Mark the drilling positions using the mounting stand as a template.
2. Drill holes and insert the wall anchors.
3. Secure the mounting stand to the wall with screws.
4. Attach the camera to the mounting stand and adjust the angle as needed.



Figure 3.2: Camera installation and wide-angle coverage.

4. Operating Instructions

4.1 Live View and Pan/Tilt Control

Open the FanX Security app and select your camera to access the live view. Use the on-screen controls to pan the camera horizontally up to 300°.



Figure 4.1: App interface for live view and controls.

4.2 Two-Way Audio

From the live view, tap the microphone icon to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's vicinity.

Video 4.1: Demonstration of two-way audio communication.

4.3 Motion Detection & Alerts

The camera uses PIR human detection and AI analysis to identify motion. When motion is detected, you will receive a notification on your smartphone. You can customize detection areas and sensitivity settings within the app to minimize false alarms.



Figure 4.2: Customizing detection zones and alarm types.

4.4 Night Vision Modes

The camera offers two night vision modes: full-color night vision and black-and-white night vision. These modes automatically activate in low-light conditions, providing clear visibility up to 15 meters.



Figure 4.3: Night vision capabilities and smart alarm.

4.5 Recording and Storage

Recordings are triggered by motion detection. You can store footage in the cloud (6 seconds/7 days free rolling recording) or on a local Micro SD card (up to 128GB, sold separately).

5. Maintenance

- **Battery Management:** Regularly check the battery level in the app. Recharge the camera when the battery is low to ensure continuous operation. For outdoor use, consider purchasing a compatible solar panel (sold separately) for extended battery life.
- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth to remove dust and smudges. Do not use harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the app periodically for firmware updates to ensure optimal performance and security.
- **Wi-Fi Connection:** Ensure your Wi-Fi router is within range and provides a stable signal to the camera. Obstacles like thick walls can weaken the signal.



Figure 5.1: IP65 weather resistance for outdoor use.

6. Troubleshooting

Problem	Possible Cause	Solution
Camera fails to connect to Wi-Fi	Incorrect Wi-Fi password; Weak 2.4GHz Wi-Fi signal; Camera too far from router; Router firewall settings.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Check router settings for any restrictions. Reset camera and try pairing again.
Frequent false alarms	High motion detection sensitivity; Detection area includes busy public spaces; Environmental factors (e.g., moving branches, strong light changes).	Adjust motion detection sensitivity in the app. Define specific detection zones to exclude irrelevant areas. Utilize AI recognition features to filter out non-human/vehicle movements.
Battery drains quickly	Frequent motion detections; Continuous live view streaming; Low ambient temperature.	Reduce motion detection frequency/sensitivity. Avoid prolonged live view sessions. Ensure camera is fully charged. Consider a solar panel for continuous charging.
Poor video quality	Weak Wi-Fi signal; Dirty lens; Low light conditions.	Ensure strong Wi-Fi signal. Clean the camera lens. Verify night vision settings are appropriate for the environment.
Two-way audio not working	Microphone/speaker muted in app; App permissions not granted; Network latency.	Check app settings to ensure microphone and speaker are enabled. Grant necessary audio permissions to the app on your smartphone. Ensure stable network connection.

7. Specifications

Feature	Detail
Brand	fanxiang
Model Name	Fc1
Connectivity Technology	Wireless (2.4GHz Wi-Fi)
Power Source	Battery Powered (3.7V)
Indoor/Outdoor Use	Indoor, Outdoor
Video Capture Resolution	2K (300 Million Pixels, 1440p)
Frame Rate	30fps
Field of View	130 Degrees
Pan Rotation	300 Degrees
Night Vision Range	15 Meters
Waterproof Rating	IP65
Storage Options	Cloud Storage, Micro SD Card (up to 128GB)
Motion Sensor Technology	PIR Sensor
Product Dimensions	12 x 8 x 8 cm
Product Weight	350 Grams

8. Warranty and Support

The fanxiang FC1 Wireless 2K Security Camera comes with a**1-year product warranty** from the date of purchase. In case of any defects or questions, our Japanese-speaking support team is available to provide prompt assistance.

For support, please refer to the contact information provided on the product packaging or the official fanxiang website.

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