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funxwe FS35

funxwe FS35 8MP 4K UHD Dual WiFi PTZ Security Camera User Manual

Model: FS35

1. Introduction

Thank you for choosing the funxwe FS35 8MP 4K UHD Dual WiFi PTZ Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your security camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality.
The funxwe FS35 is an advanced outdoor security camera featuring 8-megapixel 4K UHD resolution, 5X optical zoom, Pan-Tilt-Zoom (PTZ) capabilities, dual-band 2.4G/5G WiFi connectivity, motion detection with auto-tracking, two-way audio, and robust IP66 waterproofing. It is designed to provide reliable surveillance for various indoor and outdoor environments.

2. Package Contents

Please check the package contents upon opening. If any items are missing or damaged, contact customer support.

- funxwe FS35 PTZ Security Camera
- Power Adapter
- Mounting Screws and Anchors
- Waterproof Kit for Network Cable (if applicable)
- Quick Start Guide

3. Product Overview

Familiarize yourself with the main components of your funxwe FS35 camera.



Image: Main view of the funxwe FS35 PTZ Security Camera, showcasing its dome design and antenna.

Key Features:

- **8MP 4K UHD Resolution:** Provides clear and detailed video footage.
- **5X Optical Zoom:** Allows for zooming in on distant objects without loss of clarity.
- **PTZ Functionality:** Horizontal Pan 355°, Vertical Tilt 90° for wide area coverage.
- **Dual-Band WiFi:** Supports both 2.4G and 5G WiFi networks for flexible connectivity.
- **Motion Detection & Auto Tracking:** Automatically detects movement and follows subjects.
- **Two-Way Audio:** Built-in microphone and speaker for communication.
- **Infrared Night Vision:** Up to 100ft (30m) night vision range.
- **IP66 Waterproof:** Durable aluminum alloy shell suitable for outdoor use.
- **Storage Options:** Supports Micro SD card (up to 128GB) and Cloud Storage.

4. Setup and Installation

4.1 Physical Installation

1. **Choose a Location:** Select a suitable outdoor or indoor location, preferably a ceiling mount, that provides the desired viewing angle and is within range of your WiFi network. Ensure the camera is protected from direct impact.
2. **Mounting:** Use the provided mounting template (if included) to mark drill holes. Drill holes, insert anchors, and secure the camera base with screws.
3. **Waterproofing:** For outdoor installations, ensure all cable connections (power, network if wired) are properly sealed using the provided waterproof kit to maintain the IP66 rating.

4.2 Power Connection

Connect the power adapter to the camera's power input port and then plug it into a power outlet. The camera will power on and initiate its self-test sequence.

4.3 App Installation and Device Pairing

1. **Download App:** Download the "Camhipro" or "Camhi" app from your smartphone's app store (iOS App Store or Google Play Store).
2. **Register Account:** Open the app and register a new account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering the device ID.
4. **Network Configuration:** Select your 2.4G or 5G WiFi network and enter the password. Ensure your phone is connected to the same WiFi network during setup.
5. **Initial Setup:** Once connected, you can set a password for your camera and configure basic settings like time zone.

5. Operating Instructions

5.1 Live View and PTZ Control

Access the live video feed through the Camhipro/Camhi app or HiP2P client software on your PC.

Image: Illustration of the camera's Pan (355°) and Tilt (90°) movement, controlled via a smartphone app interface.

- **Pan/Tilt:** Use the directional controls within the app to rotate the camera horizontally (Pan 355°) and vertically (Tilt 90°).
- **5X Optical Zoom:** Pinch to zoom in/out on the live view to utilize the 5X optical zoom feature, allowing for clearer details of distant objects.

Image: Demonstrates the 5X optical zoom capability, showing a zoomed-in view of a street scene on a smartphone screen.

5.2 Two-Way Audio

The camera features a built-in microphone and speaker for two-way communication.

Image: Illustrates the two-way audio function, showing a person speaking into a phone and the camera broadcasting the message, and vice-versa.

- **Speak:** Tap the microphone icon in the app to speak through the camera's speaker.
- **Listen:** The camera's microphone captures audio from its surroundings, which can be heard through the app.

5.3 Motion Detection and Auto Tracking

Configure motion detection settings to receive alerts and enable auto-tracking.



Image: Depicts the camera detecting and tracking a moving person, highlighting the auto-tracking feature with red dashed lines and footprints.

- **Enable Motion Detection:** In the app settings, activate motion detection and adjust sensitivity levels.
- **Set Alert Preferences:** Choose to receive real-time push notifications, email alerts, or trigger a sound alarm.
- **Auto Tracking:** Enable humanoid detection and auto-tracking for the camera to automatically follow detected human movement.

5.4 Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear black-and-white footage up to 100 feet.

5.5 Recording and Storage

The camera supports both local Micro SD card storage and cloud storage options.



Image: Visual representation of cloud storage and TF (Micro SD) card storage options, showing how recordings are saved and can be accessed via the app's playback feature.

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot. The camera supports continuous recording, scheduled recording, and event-triggered recording. Older files are automatically overwritten when the card is full.
- **Cloud Storage:** Subscribe to a cloud storage plan through the app for secure off-site video storage.
- **Playback:** Access recorded footage via the app's intelligent playback feature.

5.6 Remote Viewing

View live and recorded footage from anywhere using the Camhipro/Camhi app on your smartphone or tablet, or the HiP2P client software on your PC.

6. Maintenance

- **Cleaning:** Regularly wipe the camera lens with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the app periodically for available firmware updates. Keeping your camera's firmware updated ensures optimal performance and security.
- **SD Card Management:** If using an SD card, consider formatting it periodically through the app to maintain performance, especially after prolonged use.
- **Power Cycle:** If the camera experiences minor issues, try power cycling it by unplugging and replugging the power adapter.

7. Troubleshooting

Problem	Possible Solution

Problem	Possible Solution
Camera fails to connect to WiFi.	◦ Ensure the camera is within range of your router. ◦ Verify the WiFi password is correct. ◦ Check if your router supports 2.4G or 5G, and select the appropriate band. ◦ Restart your router and the camera.
No image or black screen in live view.	◦ Check if the camera is powered on. ◦ Ensure a stable internet connection for both the camera and your viewing device. ◦ Restart the app and the camera.
Motion detection alerts are not received.	◦ Verify motion detection is enabled in the app settings. ◦ Check alert notification settings on your phone. ◦ Adjust motion detection sensitivity.
SD card not recording or recognized.	◦ Ensure the SD card is inserted correctly. ◦ Format the SD card through the app. ◦ Check if the SD card is faulty; try another compatible card.

8. Specifications

Feature	Detail
Model Number	FS35
Resolution	8MP 4K UHD (3840x2160)
Sensor	Sony415
Optical Zoom	5X
Pan/Tilt Range	Pan: 355°, Tilt: 90°
Connectivity	2.4G/5G Dual-Band WiFi, Wired (Power)
Night Vision Range	100ft (30m) with 8pcs array infrared LEDs
Audio	Two-way audio (Built-in Mic & Speaker)
Storage	Micro SD Card (Max 128GB, not included), Cloud Storage
Waterproof Rating	IP66
Material	Aluminum Alloy
Compatible Apps	Camhipro, Camhi (iOS/Android), HiP2P (PC)
Dimensions	5 x 5 x 5 inches
UPC	712383791078

Image: Shows the camera's suitability for various environments like farms, orchards, superstores, communities, residences, and factories, highlighting its waterproof design.

9. Warranty and Support

funxwe products come with a lifetime technical support and free spare parts replacement warranty. For any technical assistance, troubleshooting, or warranty claims, please contact funxwe customer support through the contact information provided with your purchase or on the official funxwe website.
Please have your model number (FS35) and purchase details ready when contacting support.

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