CHACON IPCAM-FE03-FSD

CHACON Outdoor Wi-Fi IP Camera User Manual

Model: IPCAM-FE03-FSD
Brand: CHACON

1. PRODUCT OVERVIEW

The CHACON IPCAM-FE03-FSD is an outdoor Wi-Fi IP camera designed for remote surveillance of your home, day and night. It offers high-resolution video recording and motion detection capabilities, ensuring you can monitor your property from anywhere using a smartphone application.

Key Features:

- Remote surveillance from anywhere.
- Manual or automatic recording via motion detection.
- Wide-angle camera with 100° field of view.
- Weather-resistant design (IP65).
- High resolution (1920x1080) video.
- Night vision up to 15 meters.
- Recording function on micro-SD card (up to 4GB included).

Package Contents:

- 1 x CHACON IPCAM-FE03-FSD Camera
- Mounting accessories
- 1 x Power supply
- User manual
- 1 x 4GB Micro-SD card

Figure 1: CHACON IPCAM-FE03-FSD Outdoor Wi-Fi IP Camera with included SD card.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installing and operating the camera. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply is disconnected before installation or maintenance.
- Do not expose the camera to extreme temperatures, humidity, or direct sunlight beyond its IP65 rating.
- Use only the provided power adapter.
- Keep the camera and its components out of reach of children.
- Do not attempt to disassemble or modify the camera. This will void the warranty.
- Dispose of electronic waste responsibly according to local regulations.

3. SETUP AND INSTALLATION

3.1 Physical Installation

The camera is designed for wall mounting. Choose a location that provides the desired viewing angle and is within range of your Wi-Fi network and a power outlet.

1. Mark the drilling points on the wall using the camera's mounting base as a template.
2. Drill holes and insert wall plugs if necessary.
3. Secure the camera's mounting base to the wall using the provided screws.
4. Adjust the camera angle as needed.
5. Connect the power supply to the camera and plug it into a power outlet.

Figure 2: Example of camera mounted on an exterior wall for surveillance.

3.2 App Installation and Camera Pairing

To access and control your camera, you need to download the official CHACON Cam+ application on your smartphone.

1. Download the "Chacon Cam+" app from the App Store (iOS) or Google Play Store (Android).
2. Open the app and create a new account or log in if you already have one.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or manually entering its ID, and connecting it to your Wi-Fi network.
4. Ensure your smartphone is connected to the same 2.4GHz Wi-Fi network as the camera during the initial setup.

Figure 3: The official Chacon Cam+ application logo for smartphone pairing.

3.3 Micro-SD Card Insertion

The camera comes with a 4GB micro-SD card for local storage of recordings. Locate the SD card slot on the camera (refer to the diagram in the quick start guide if needed) and gently insert the card until it clicks into place.

4. OPERATING INSTRUCTIONS

4.1 Live View

Once the camera is successfully paired with the Chacon Cam+ app, you can access the live video feed from your smartphone. Tap on the camera's name in the app to view the real-time stream.

4.2 Motion Detection and Alerts

The camera features adjustable motion detection. When motion is detected, the camera can automatically start recording

and send push notifications to your smartphone.

- Navigate to the camera settings within the Chacon Cam+ app.
- Find the "Motion Detection" or "Alarm Settings" section.
- Enable motion detection and adjust sensitivity levels as required.
- Configure notification preferences to receive alerts on your device.

4.3 Recording and Playback

Recordings can be initiated manually or automatically upon motion detection. All recordings are saved to the inserted micro-SD card.

- **Manual Recording:** While in live view, tap the record button in the app to start/stop recording.
- **Automatic Recording:** Ensure motion detection recording is enabled in settings.
- **Playback:** Access the "Playback" or "History" section in the app to view recorded footage. You can filter by date and time.

4.4 Night Vision

The camera automatically switches to night vision mode in low-light conditions, providing clear black and white images up to 15 meters.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal image quality, periodically clean the camera lens and housing. Use a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

5.2 Firmware Updates

Periodically check the Chacon Cam+ app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.

5.3 SD Card Management

The 4GB micro-SD card will eventually fill up. The camera typically uses loop recording, overwriting the oldest footage. You can also format the SD card via the app settings to clear all recordings.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Weak Wi-Fi signal. Incorrect Wi-Fi password. Camera too far from router. Router settings (e.g., 5GHz network).	Move camera closer to router or use a Wi-Fi extender. Double-check Wi-Fi password. Ensure your router is broadcasting a 2.4GHz network. Restart camera and router.

Problem	Possible Cause	Solution
Motion detection not working or too sensitive	Sensitivity settings incorrect. Environmental factors (rain, insects, moving branches).	Adjust motion detection sensitivity in the app. Consider camera placement to minimize false alarms from environmental factors.
No recording on SD card	SD card full or corrupted. Recording settings disabled. SD card not inserted correctly.	Check SD card status in app; format if necessary. Ensure motion detection recording is enabled. Reinsert the SD card.
Image quality is poor	Dirty lens. Insufficient lighting (in non-night vision mode). Network bandwidth issues.	Clean the camera lens. Ensure adequate lighting or check night vision functionality. Check your internet connection speed.
Camera not compatible with "My Chacon" app	This model specifically uses "Chacon Cam+" app.	Ensure you are using the correct application: **Chacon Cam+**. This model is not compatible with the "My Chacon" application.

7. SPECIFICATIONS

Feature	Detail
Model Name	IPCAM-FE03-FSD
Brand	CHACON
Connectivity Technology	Wireless (Wi-Fi)
Indoor/Outdoor Use	Outdoor
Special Features	Motion Detector, Night Vision
Video Recording Resolution	1080p (1920x1080)
Effective Video Resolution	1080
Night Vision Range	Up to 15m
Viewing Angle	100°
Power Source	AC Power
Power Consumption	6 Watts
Dimensions (L x W x H)	22 x 9 x 9.4 cm

Feature	Detail
Weight	550 grams
Included SD Card	4GB Micro-SD
IP Rating	IP65
Compatible Devices	Smartphone (iOS, Android)
Mounting Type	Wall Mount

8. WARRANTY AND SUPPORT

CHACON products are designed for reliability and performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official CHACON website.

For technical support, frequently asked questions, or further assistance, please visit the CHACON support page or contact their customer service. The Chacon Cam+ application may also provide in-app support options.

Online Resources:

- CHACON Official Website: www.chacon.com (Please note: This is a placeholder URL as no specific support URL was provided in the data.)
- Chacon Cam+ App Support: Refer to the help section within the application.