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## AOBOCAM FRW06

# AOBOCAM FRW06 Mini WiFi Surveillance Camera User Manual

Model: FRW06

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your AOBOCAM FRW06 Mini WiFi Surveillance Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

## PRODUCT OVERVIEW

The AOBOCAM FRW06 is a compact and versatile surveillance camera designed for discreet monitoring. It features 1080P HD video, advanced night vision, intelligent motion detection, and flexible storage options.

### Key Features:

- **Exclusive Dual WiFi 2.4G + Bluetooth Connection:** Offers 3x faster setup via intelligent Bluetooth pairing. Compatible with all 2.4GHz routers.
- **1080P HD Mini Camera + Advanced Night Vision:** Features a 120° wide-angle lens and 6 self-calibrating infrared LEDs for 24/7 day/night clarity. Detects movement up to 5m in total darkness without glare, with stable 25 fps video even in low light.
- **Intelligent 0.5s 120° Motion Detection Alerts:** Patented PIR+AI sensor technology analyzes 30 fps in real-time with dual thermal/visual verification to eliminate 99% of false alerts. Receives mobile push notifications within 500ms.
- **Dual Storage (SD C10 & Encrypted Cloud):** 24/7 local recording without WiFi, with intelligent loop recording. Retain 30 days of video history with optimized 'Smart Overwrite' configuration.
- **24/7 Intelligent Hybrid Power Surveillance:** Instantly switch between built-in battery and mains power for uninterrupted protection. Suitable for indoor/outdoor use due to weather

resistance. AI power-saving mode extends battery life.

### Package Contents:

- ABOCAM FRW06 Mini Camera
- Instruction Manual
- Mount
- USB Cable



Image: The ABOCAM FRW06 Mini Camera, showcasing its compact design and highlighted features such as 4K Ultra HD, night vision, WLAN/SD card recording, AI motion detection, and cloud storage.

## SETUP

### 1. Charging the Camera

Before first use, fully charge the camera using the provided USB cable. Connect the USB cable to the camera's charging port and a 5V power adapter (not included). The charging indicator light will show the charging status.

**Important: Always remove the memory card when charging the camera, as it automatically**

enters recording mode when connected to power.

## 2. Inserting a Micro SD Card (Optional)

The camera supports Micro SD cards (C10 recommended) for local storage. Gently insert the Micro SD card into the designated slot until it clicks into place. Ensure the card is inserted correctly to avoid damage.

## 3. App Installation and Bluetooth Pairing

1. Download the official AOBOCAM app from your smartphone's app store (iOS/Android).
2. Open the app and create an account or log in.
3. Power on the camera.
4. Follow the in-app instructions for Bluetooth pairing. The app will guide you through the connection process, which is designed to be 3x faster than traditional WiFi-only setups.
5. Once paired via Bluetooth, the app will assist in connecting the camera to your 2.4GHz WiFi network.

# Connexion Indestructible Ovunque, in qualsiasi momento

Monitoring Habitant Assuré | Accès Immédiat et à Distance | Enregistrement Autonome



Image: Illustration of the three connection methods: WiFi connection for remote access, Hotspot connection for direct device-to-camera link, and a no-WiFi mode for local recording.

## 4. Mounting the Camera

The camera comes with a mount for flexible placement. Choose a suitable location, ensuring a clear line of sight for the desired surveillance area. The camera's 120° wide-angle lens provides broad

coverage.



**Format mini,  
performances maxi.**

Comparez sa taille à celle d'une carte de crédit.  
Installez-la n'importe où en quelques secondes.

11<sup>cm</sup>  
7.9<sup>cm</sup> 7.9<sup>cm</sup>

 **Support Robuste**  **5 h de batterie ou branché 24/7**



Image: The compact size of the AOCAM FRW06 camera, comparable to a credit card, with various installation examples including on a desk, mounted on a door frame, and placed on a shelf.

## OPERATING INSTRUCTIONS

### Live View and Recording

Once connected to the app, you can access the live video feed from your camera. You can manually start/stop recording, take snapshots, and adjust settings directly from the app.

### Motion Detection and Alerts

The camera features intelligent PIR+AI motion detection. When motion is detected within the 120° field of view (0.5m-5m range), the camera will:

- Send a push notification to your mobile device within 500ms.
- Automatically start recording to the Micro SD card and/or encrypted cloud storage.

The AI filter helps reduce false alerts from non-human movements like wind or insects.



## Ihre Daten. Ihre Kontrolle. Alertes Intelligentes de Mouvement



**Double Stockage : Carte SD locale**  
(non incluse) Cloud Chiffré



**Filtre IA : 95 % de fausses alertes en moins**  
Più Precisione e Maggiore Velocità

Plus précis et plus rapide



Image: A smartphone displaying the AOBOCAM app interface, showing a real-time motion detection alert with a person identified within the camera's view.

### Night Vision

The camera automatically switches to night vision mode in low-light conditions. The 6 self-calibrating infrared LEDs provide clear footage up to 5 meters in total darkness without visible light emission.

# Voir dans l'obscurité totale

Autres Caméras



AOBOCAM W06 Vision Nocturne 4K



VS

Détails 4K d'une clarté cristalline |  
Portée de 10 mètres



Image: A side-by-side comparison demonstrating the superior clarity of the AOBOCAM FRW06's 4K night vision compared to standard night vision, showing clear details in total darkness.

## Power Management

The camera operates on a built-in lithium-polymer battery or can be continuously powered via a USB connection. The intelligent hybrid power system allows seamless switching between battery and mains power. The AI power-saving mode helps optimize battery life based on usage patterns. For continuous 24/7 surveillance, it is recommended to keep the camera connected to a power source.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Regularly check the AOBOCAM app for available firmware updates to ensure optimal performance and security.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing the camera for an extended period, charge it to about 50% and store in a cool, dry place.
- **SD Card Management:** If using an SD card, periodically format it through the app to maintain

performance and prevent data corruption. The 'Smart Overwrite' feature manages storage by overwriting the oldest footage when the card is full.

## TROUBLESHOOTING

| Problem  | Possible Cause  | Solution  |
|--|---|---|
| Camera not connecting to WiFi.                           | Incorrect WiFi password, 5GHz network, camera too far from router, or network interference. | Ensure correct 2.4GHz WiFi network and password.<br>Move camera closer to the router.<br>Restart the camera and router.<br>Ensure your router supports 2.4GHz.                          |
| Poor video quality.                                      | Low light conditions, dirty lens, or weak WiFi signal.                                      | Clean the camera lens.<br>Ensure adequate lighting or verify night vision is active.<br>Improve WiFi signal strength.   |
| Motion detection alerts are too frequent or not working. | Sensitivity settings too high/low, environmental factors, or incorrect app settings.        | Adjust motion detection sensitivity in the app.<br>Ensure the camera is positioned to minimize false triggers (e.g., moving branches).<br>Verify app notification settings are enabled. |
| Battery drains quickly.                                  | Frequent motion detection, continuous recording, or extreme temperatures.                   | Enable AI power-saving mode in the app.<br>Reduce motion detection sensitivity if alerts are excessive.<br>Connect the camera to continuous power for 24/7 operation.                   |
| Cannot view recorded footage.                            | SD card not inserted, corrupted, or cloud storage not configured.                           | Ensure SD card is properly inserted and formatted.<br>Check cloud storage subscription and settings in the app.<br>Verify recording settings are enabled.                               |

## SPECIFICATIONS

| Feature                     | Detail   |
|-----------------------------|--|
| Model                       | FRW06 (Also referred to as W06 and A12 in some specifications)         |
| Brand                       | AOBOCAM  |
| Video Recording Resolution  | 1080p  |
| Viewing Angle               | 120 Degrees  |
| Connectivity Protocol       | Wi-Fi (2.4GHz), Bluetooth  |
| Special Features            | APP Control, Motion Detector (PIR+AI), Long Battery Life, Night Vision |
| Indoor/Outdoor Use          | Indoor (Weather resistant for hybrid power)                            |
| Mounting Type               | Wall Mount   |
| Material                    | Plastic  |
| Voltage                     | 5 Volts  |
| Power                       | 5 Watts  |
| Item Dimensions (L x W x H) | 30 x 30 x 30 millimeters (3 x 3 x 3 cm)                                |
| Weight                      | 130 grams  |
| Battery Type                | Lithium-polymer (1 A - included)                                       |
| Included Components         | Instruction Manual, Mount  |
| Recommended Uses            | Surveillance, Baby Monitoring, Outdoor Security, Indoor Security       |

## WARRANTY AND SUPPORT

AOBOCAM is committed to providing high-quality products and customer satisfaction.

- **Return Policy:** 30-day return policy.
- **Replacement Policy:** 3-year replacement policy.
- **Customer Support:** 24/7 customer assistance is available.

For technical support, warranty claims, or any questions regarding your AOBOCAM FRW06 camera, please contact AOBOCAM customer service through the official website or the contact information provided in the app.

