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› abetap 2K Wireless Security Camera (Model X83) Instruction Manual

abetap X83

abetap 2K Wireless Security Camera (Model X83) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

INTRODUCTION

This manual provides essential information for the safe and efficient use of your abetap 2K Wireless Security Camera, Model X83. Please read these instructions carefully before using the product and retain them for future reference.

WHAT'S IN THE BOX

Upon opening the package, verify that all the following items are included:

- Camera body (x2)
- Charge Cable (x2)
- Magnetic Stand (x2)
- Mounting Screw (x2)
- User Guide (x2)



Image: The abetap X83 camera and its accessories, including two camera bodies, charging cables, magnetic stands, mounting screws, and user guides.

PRODUCT OVERVIEW

The abetap 2K Wireless Security Camera (Model X83) is designed for both indoor and outdoor surveillance, offering advanced features for comprehensive home security.

Key Features:

- **2K Ultra HD & Full-Color Night Vision:** Equipped with a 3MP lens for 2304*1296 resolution, offering clear images day and night. Features infrared mode for monochrome and intelligent white light fill-in for color night vision.
- **AI/PIR Detection:** Detects human/vehicle targets and moving objects, triggering recordings and real-time alerts. Customizable motion detection zones reduce false alarms.
- **Wireless & Rechargeable:** Battery-powered for 3-5 months of operation on a single charge. Features a tool-free magnetic mount and IP65 weatherproof rating. Requires 2.4GHz Wi-Fi.
- **Two-Way Communication:** Built-in microphone and speaker with echo cancellation for clear real-time voice communication.
- **Dual Storage Options:** Supports cloud storage (with trial) and up to 128GB SD card (not included) for continuous recording.

Super Easy to Install



100%
wiring free



IP65
waterproof



Can be install
anywhere



Image: A detailed view of the abetap X83 camera highlighting its 2K image quality, wireless networking, PIR detection, two-way audio, IP65 weatherproof rating, activity zone, infrared night vision, battery power, phone monitoring, AI recognition, and 3-day event cloud storage.

SETUP GUIDE

Follow these steps to set up your abetap 2K Wireless Security Camera.

1. Download and Install the VicoHome App

Search for "VicoHome" on the App Store (iOS) or Google Play Store (Android) and install the application on your smartphone. Alternatively, scan the QR code provided in the product packaging to download the app.

Your browser does not support the video tag.

Video: This video demonstrates the process of downloading the VicoHome app, creating an account, and pairing the abetap security camera with the app using a QR code scan.

2. Create an Account

1. Open the VicoHome app.
2. Tap on "Sign up" to create a new account.
3. Enter your desired username, select your location, and provide your email address.
4. You will receive a verification code in your email. Input this code into the app to confirm your account.
5. Set a secure password for your account.

3. Power On the Camera

1. Locate the power button on the camera.
2. Long press the power button for 3 seconds until the indicator light flashes and you hear voice prompts. This indicates the camera is ready for pairing.

4. Add a New Camera

1. In the VicoHome app, tap on "Add a new camera".
2. Confirm that the camera is emitting a beeping sound.
3. Input your 2.4GHz Wi-Fi network password and confirm. (Note: The camera only supports 2.4GHz Wi-Fi).
4. The app will display a QR code. Position the camera approximately 4-12 inches (10-30 cm) in front of your phone's screen to scan the QR code.
5. Once connected, the app will confirm "Connection succeeded".
6. Place the camera in its desired installation location and ensure a strong Wi-Fi signal.
7. Name your camera for easy identification (e.g., "Front Door," "Living Room").

5. Installation

The abetap X83 camera features a tool-free magnetic mount for easy installation. It can be secured to any metal surface or mounted using the provided screws. Ensure the installation location provides a clear view and strong Wi-Fi signal.

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Image: The abetap X83 camera shown mounted on a wall, illustrating its easy installation and weatherproof design.

OPERATING INSTRUCTIONS

1. Live View and Recording

Access the VicoHome app to view live footage from your camera. The camera automatically records events triggered by motion detection.

2. 2K Ultra HD & Full-Color Night Vision

The camera provides 2K Ultra HD resolution (2304*1296) for clear video. It supports two night vision modes:

- **Infrared Mode:** Provides precise monochrome imaging in total darkness.
- **Intelligent White Light Fill-in:** Activates white light in low-light conditions to capture vivid color details and sharp object outlines.

Your browser does not support the video tag.

Video: This video demonstrates the camera's dual light sources for night vision, showing both infrared (monochrome) and white LED (color) night vision capabilities.



Image: A split image showing the difference between infrared night vision (monochrome) and full-color night vision captured by the abetap

3. AI/PIR Detection and Instant Alerts

The camera utilizes AI-driven human detection and PIR (Passive Infrared) technology to accurately identify human and vehicle targets, as well as general moving objects. When an event is detected:

- Real-time push notifications are sent to your smartphone.
- A bright white light flash activates to deter potential intruders.
- All detected events are time-stamped and logged for quick review.



Image: An illustration depicting the camera's smart AI recognition and PIR detection capabilities, identifying persons, pets, vehicles, and packages, and sending a "person detected" notification.

4. Customizable Activity Zones

Define specific areas within the camera's view to focus motion detection and reduce false alarms from irrelevant movements (e.g., swaying trees, passing animals). Each camera can have up to three customizable activity zones.

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Video: This video explains how to set up and use activity zones within the VicoHome app to focus motion detection on specific areas and avoid unnecessary notifications.

5. Two-Way Communication

Use the built-in microphone and speaker for crystal-clear two-way voice communication through the app. This allows you to speak to visitors, family members, or deter intruders remotely.

Wireless & Rechargeable Battery

ONLY Support 2.4Ghz Wifi



3-6 Months
Working Time

4400mAh
Battery Capacity



Image: An illustration showing the two-way audio feature, where a person can speak through the camera to a delivery person, and multiple users can monitor simultaneously.

6. Motion Recording Settings

You can enable or disable motion recording via the app. It is recommended to turn on motion recording when you leave your home and turn it off when you are present and do not wish to be recorded.

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Video: This video demonstrates how to manage motion recording settings, allowing users to turn it on when leaving the house and off when at home to avoid unnecessary recordings.

7. Remote Access and Multi-User Sharing

The mobile app allows you to stream live footage and audio in real-time from anywhere. The system supports up to three users watching simultaneously, keeping multiple individuals connected to the monitored spaces.

MAINTENANCE

1. Battery Charging

The camera is powered by a rechargeable battery, providing 3-5 months of operation on a single charge. When the battery level is low, connect the camera to a power source using the provided charge cable.

2. Weatherproof Design

The camera has an IP65 weatherproof rating, making it suitable for outdoor use in various weather conditions. Regularly check the camera for any debris or obstructions that might affect its performance, especially on the lens.

Real-Time Two-Way Audio



Image: The abetap X83 camera in a rainy outdoor setting, emphasizing its IP65 weatherproof rating and ability to withstand various temperatures.

3. Firmware Upgrades

The camera supports over-the-air firmware upgrades. Ensure your camera is connected to Wi-Fi and has sufficient battery life during upgrades to access new features and improvements without manual intervention.

STORAGE OPTIONS

Your abetap security camera offers flexible storage solutions to ensure your recorded footage is always safe.

- **Cloud Storage:** Provides a secure backup for your recordings. A 3-day rolling cloud storage trial is available.
- **SD Card Storage:** Supports up to a 128GB Micro SD card (not included) for local storage of active recorded video, even during power outages.

Your Privacy is Our Top Priority

Your video is encrypted to protect against malicious intent. We are committed to keeping your information secure to protect your family and your privacy.



2 Years Video History 3-day Trial



Cloud Storage

3-Day rolling cloud storage



SD Card

Supports up to 128GB micro-SD card. Store active recorded video offline.

Image: An illustration showing the cloud storage and SD card storage options for the abetap security camera, emphasizing data security and backup.

TROUBLESHOOTING

If you encounter issues with your abetap 2K Wireless Security Camera, please refer to the following common solutions:

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Verify the Wi-Fi password is correct. Check the camera's proximity to the router for a strong signal.
- **No alerts received:** Check app notification settings on your phone and within the VicoHome app. Ensure motion detection is enabled and activity zones are correctly configured.
- **Poor video quality:** Ensure the camera lens is clean and free from obstructions. Check your Wi-Fi signal strength, as a weak signal can affect streaming quality.
- **Battery draining quickly:** Frequent motion detection events or continuous live viewing can consume battery faster. Adjust motion sensitivity or recording duration if necessary.
- **Camera not powering on:** Ensure the battery is charged. If using a power adapter, verify it is properly connected and functional.

For further assistance, please contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	abetap
Model Name	X83 Security Camera
Connectivity Technology	Wireless (2.4GHz Wi-Fi)
Special Features	2-Way Audio, AI Motion Detection, Color Night Vision, Instant Alarm, IP65 Waterproof, Night Vision
Indoor/Outdoor Usage	Indoor, Outdoor
Compatible Devices	Smartphone (Android)
Mount Type	Wall Mount (Magnetic)
Form Factor	Bullet
Alert Type	Audio and Motion
Effective Still Resolution	3 MP
Photo Sensor Resolution	3 MP
Power Source	Battery Powered
Video Capture Resolution	2K (2304*1296)
Frame Rate	15 frames per second
Viewing Angle	120 Degrees
Optical Zoom	4 x
Flash Memory Type	Micro SD (up to 128GB)
Night Vision Range	33 Feet
Item Dimensions	2.36 x 2.36 x 3.54 inches

WARRANTY AND SUPPORT

abetap is committed to providing high-quality products and excellent customer service.

- **12 Months Replacement Available:** For any manufacturing defects or issues within 12 months of purchase.
- **Lifetime After-sales Service and Technical Support:** Dedicated support is available for the lifetime of the product.
- **24 Hours Quick Reply:** Expect prompt responses to your inquiries.

For support, please refer to the contact information provided in your product packaging or visit the official abetap website.



Image: An image illustrating abetap's customer support commitment, including 24-hour quick reply, 12-month replacement, and lifetime after-sales service and technical support.

Safety Information

Please observe the following safety precautions to prevent damage to the product or injury to yourself and others:

- Do not expose the camera to extreme temperatures outside its operating range (14°F to 131°F / -10°C to 55°C).
- Do not attempt to disassemble or modify the camera. This will void the warranty.
- Use only the provided charging cable and compatible power adapters.
- Keep the camera and its accessories out of reach of children.
- Ensure the camera is securely mounted to prevent it from falling.
- Dispose of batteries according to local regulations.