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› abetap X83 Wireless Security Camera Instruction Manual

abetap X83

abetap X83 Wireless Security Camera Instruction Manual

Model: X83

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your abetap X83 Wireless Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The abetap X83 is a 2K Ultra HD wireless security camera designed for both indoor and outdoor use. It features color night vision, AI/PIR detection, two-way audio, and flexible storage options to enhance your home security.



Image: abetap X83 Wireless Security Camera, white, showing the lens and sensors, with water droplets on its surface, mounted on a wall bracket.

Key Features:

- **2K Ultra HD & Full-Color Night Vision:** 3MP high-performance lens with 2304*1296 resolution, infrared mode, and intelligent white light fill-in for vivid color details in low light.
- **AI/PIR Detection:** Detects human/vehicle targets and moving objects, triggering recordings and real-time push alerts. Customizable motion detection zones reduce false alarms.
- **Wireless & Rechargeable:** Operates 3-5 months on a single charge. Tool-free magnetic mount for easy installation.
- **IP65 Weatherproof:** Designed for all-weather reliability.
- **Two-Way Communication:** Built-in microphone with echo cancellation and noise suppression for clear real-time voice communication.
- **Remote Access:** Stream live footage and audio via mobile app, supporting up to three simultaneous

users.

- **Dual Storage:** Cloud storage and support for up to 128GB SD card (not included).
- **Online Upgrade:** Over-the-air firmware updates for new features and improvements.

3. WHAT'S IN THE BOX

Please check the contents of your package against the list below:

- abetap X83 Wireless Security Camera (1 Pack)
- Charging Cable (1)
- Mounting Bracket (1)
- Screws Set (1)
- User Guide (1)

What's in the box?



1080P HD Camera *1



Bracket *1



Operation Instruction *1



Mounting Kit *1



USB Charging Cable *1

Image: Contents of the abetap X83 box, including the camera, mounting bracket, charging cable, screws, and user guide.

4. SETUP

4.1. Download the VicoHome App

The abetap X83 camera operates with the VicoHome app. Scan the QR code in the user guide or search for "VicoHome" on the App Store (iOS) or Google Play Store (Android) to download and install the app.



Image: Screenshot showing the VicoHome app download page on a smartphone, with QR codes for App Store and Google Play.

4.2. Initial Camera Setup & Charging

1. Fully charge the camera using the provided USB charging cable before initial use. The camera is equipped with a 5200 mAh large-capacity rechargeable battery.
2. Long press the power button for 3 seconds to turn on the camera. An indicator light will flash, and you will hear voice prompts.

4.3. Mounting the Camera

The abetap X83 features a tool-free magnetic mount for easy installation on any metal surface. It also includes a mounting bracket and screws for wall installation.

- Choose a suitable location for optimal coverage, ensuring a strong 2.4GHz Wi-Fi signal.
- Use the provided mounting bracket and screws to securely attach the camera to a wall or other desired surface.
- Adjust the camera angle as needed using the flexible mounting mechanism.

Super Easy to Install



100%
wiring free



IP65
waterproof



Can be install
anywhere



Image: A person installing the abetap X83 camera on an outdoor wall, highlighting its easy, wireless installation.

4.4. Connecting to Wi-Fi

1. Open the VicoHome app and create an account or sign in.
2. Follow the in-app instructions to add a new camera.
3. The app will guide you through connecting the camera to your 2.4GHz Wi-Fi network. Ensure the camera is close to your router during the pairing process.
4. Scan the QR code displayed in the app using the camera lens to complete the connection.

Your browser does not support the video tag.

Video: This official abetap video demonstrates the step-by-step process of pairing the security camera with the VicoHome mobile application, including scanning the QR code for connection.

5. OPERATING INSTRUCTIONS

5.1. 2K Ultra HD & Full-Color Night Vision

The camera provides clear 2K Ultra HD video. In low-light conditions, it offers two night vision modes:

- **Infrared Mode:** For precise monochrome imaging in total darkness.
- **Intelligent White Light Fill-in:** Activates color reproduction in low-light environments, capturing vivid color details and sharp object outlines.



Image: Comparison image showing infrared night vision (monochrome) and full-color night vision from the abetap X83 camera.

5.2. AI/PIR Detection & Alerts

The camera's AI-driven human detection technology minimizes false alarms. When motion is detected, it automatically triggers recordings and sends real-time push notifications to your smartphone.

- **Custom Motion Detection Zones:** Define specific areas in the app to focus surveillance and filter

out irrelevant motion (e.g., passing animals).

- **Visual Deterrence:** A bright white light flash activates upon human detection to visually deter potential intruders.
- **Event Logging:** All detected events are time-stamped and logged as daily security statistics for quick review.

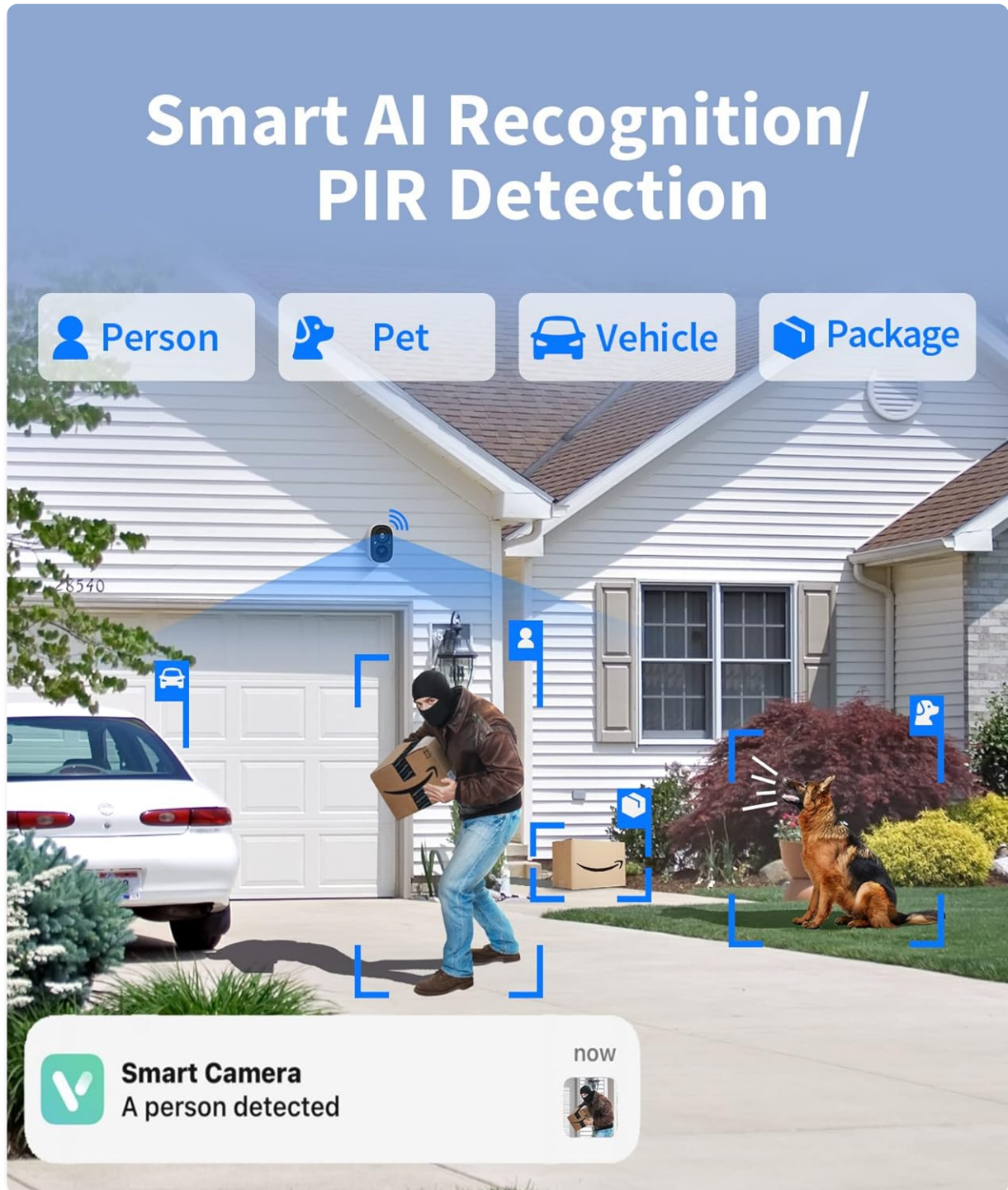


Image: Image illustrating the abetap X83 camera's smart AI recognition for detecting persons, pets, vehicles, and packages, with a smartphone notification example.

5.3. Activity Zones

Activity Zones allow you to specify key areas within the camera's view that you want to monitor closely, receiving notifications only when activity is detected within those defined areas. This helps avoid unnecessary alerts.

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Video: This official abetap video demonstrates how to set up and use Activity Zones within the VicoHome app to focus motion detection on specific areas.

5.4. Two-Way Communication & Remote Access

The camera enables crystal-clear real-time two-way voice communication through its built-in microphone and speaker. You can speak to visitors or deter intruders directly from the mobile app.

- Open the mobile app to stream live footage and audio in real-time from anywhere.
- The app supports up to three users watching simultaneously, allowing multiple family members to monitor the property.

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Video: This official abetap video highlights the features of the X83 Wireless Security Camera, including two-way talk and remote monitoring capabilities.

5.5. Storage Options

The camera offers flexible storage solutions to ensure your recorded footage is always accessible:

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



Image: Image detailing the abetap X83 camera's dual storage options: 3-day rolling cloud storage and support for up to 128GB Micro SD card.

6. MAINTENANCE

6.1. Battery Life & Recharging

The camera's battery provides 3-5 months of operation on a single charge, depending on usage frequency and settings. Recharge the camera using the provided USB cable when the battery level is low.

Wireless & Rechargeable Battery ONLY Support 2.4Ghz Wifi



Battery life reference: The battery life is related to the frequency of triggering alarm recording.

Trigger frequency	Recording time	Battery life
2 times/day	10s/time	180 days
15 times/day	10s/time	30-90 days
50 times/day	10s/time	7-30 days

Image: Image showing the abetap X83 camera with battery life reference table based on trigger frequency and recording time.

6.2. Weatherproof Design

The abetap X83 camera has an IP65 weatherproof rating, making it suitable for outdoor use in various weather conditions. Ensure the charging port cover is securely closed to maintain its waterproof integrity.

6.3. Firmware Upgrades

The camera supports over-the-air firmware upgrades. The VicoHome app will notify you when new firmware is available, allowing you to effortlessly access new features and improvements without manual intervention.

7. TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Place the camera closer to the router during setup. Check your Wi-Fi password.
- **Frequent false alarms:** Adjust motion detection sensitivity in the app. Define custom activity zones to exclude areas with irrelevant motion.
- **Poor video quality:** Check your Wi-Fi signal strength. Ensure the camera lens is clean and free from obstructions.
- **Battery draining quickly:** Reduce motion detection frequency or recording duration. Ensure the camera is not in an area with constant activity.
- **No notifications:** Check app notification settings on your smartphone. Ensure the camera is connected to Wi-Fi and has sufficient battery.

For further assistance, please refer to the VicoHome app's help section or contact abetap customer support.

8. SPECIFICATIONS

Model Name	X83 Wireless Outdoor Camera
Video Capture Resolution	2K (2304*1296)
Effective Still Resolution	3 MP
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Battery Powered
Battery Power	4400 Milliamp Hours
Connectivity Protocol	Wi-Fi (2.4G WIFI IEEE802.11b/g/n)
International Protection Rating	IP65 (Weatherproof)
Night Vision Range	33 Feet
Viewing Angle	122 Degrees
Storage	Cloud Storage, Micro SD (up to 128 GB)
Two-Way Audio	Yes
AI Detection	Human/Vehicle/Pet/Package Recognition
Item Dimensions L x W x H	2.33 x 2.34 x 3.54 inches
Item Weight	13.7 ounces

9. WARRANTY & SUPPORT

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

- **12 Months Replacement Available:** For product defects or malfunctions.
- **Lifetime After-sales Service and Technical Support:** Dedicated support is available to assist you with any product-related inquiries or issues.
- **Contact Support:** For technical assistance or warranty claims, please refer to the contact information

provided in the VicoHome app or on the official abetap website.



Image: abetap customer support offerings.