

AbecxEye A33

AbecxEye A33 Security Camera User Manual

Comprehensive Guide for Your Outdoor 2.4G WiFi PTZ Dual Lens Security Camera

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AbecxEye A33 Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Dual Lens System:** Features both a fixed bullet camera and a PTZ (Pan-Tilt-Zoom) dome camera for comprehensive 360° coverage without blind spots.
- **6MP HD Image & Full-Color Night Vision:** Delivers ultra-high-definition images with three night vision modes: full color, infrared, and smart vision for 24/7 monitoring.
- **Two-Way Audio:** Built-in noise-resistant microphone and speaker allow for remote communication.
- **AI Detection & Auto-Tracking:** Advanced AI capabilities for human detection, auto-tracking, and smart alerts to your mobile device.
- **2.4G Wi-Fi & Storage Options:** Connects via 2.4G Wi-Fi and supports local SD card storage (up to 128GB) or cloud storage (subscription required).
- **Durable Design:** IP65 waterproof rating ensures reliable operation in various weather conditions.

2.2 Package Contents

Upon opening the package, verify that all components are present and in good condition:

- Camera Body
- Pedestals
- Instructions Manual
- Set of Screws for Installation
- Power Adapter

2.3 Product Diagram

Familiarize yourself with the physical components of your camera:



Figure 1: AbecxEye A33 Security Camera. This image displays the camera's main body, including its dual lenses, LED lights, and two external antennas, alongside a mobile phone interface showing the dual-screen view.



Figure 2: AbecxEye A33 Security Camera Dimensions. This image illustrates the physical dimensions of the camera, showing its height of 8.27 inches (21 cm) and width of 4.13 inches (10.5 cm).

3. SETUP AND INSTALLATION

3.1 Pre-Installation Checklist

- Ensure your Wi-Fi network is 2.4Ghz.
- Have your Wi-Fi password ready.
- Choose a suitable installation location with stable Wi-Fi signal and power access.
- Prepare necessary tools: drill, screwdriver, pencil.

3.2 App Download and Account Registration

The AbecxEye A33 camera operates with the iCSee app. Follow these steps to get started:

1. **Activate Permissions:** On your mobile device, ensure Bluetooth and 2.4G WiFi are enabled.
2. **Download the App:** Scan the QR code below or search for "iCSee" in your device's app store (<http://d.xmeye.net/CSee>).
3. **Register an Account:** Open the iCSee app and follow the on-screen prompts to register a new account.
4. **Add Camera via Bluetooth:** Power on the camera. In the iCSee app, select "Add Device" and choose to add the camera via Bluetooth.
5. **Successful Configuration:** Once connected, the camera will appear in your device list, and you can begin live viewing.



Figure 3: iCSee App Setup Guide. This image provides a visual step-by-step guide for setting up the camera using the iCSee mobile application, from activating permissions to successful configuration.

3.3 Physical Installation

The camera can be mounted on a wall or ceiling. It is designed to withstand outdoor conditions with an IP65 waterproof rating.



Figure 4: IP66 Waterproof Feature. This image demonstrates the camera's durability in various weather conditions, including rain and snow, highlighting its IP66 waterproof rating.

For optimal performance, ensure the camera is positioned to cover the desired area effectively. The mounting bracket allows for flexible positioning.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

Access the live feed through the iCSee app. The PTZ camera allows for remote pan (355°) and tilt (90°) adjustments to monitor different angles.



Figure 5: PTZ Rotation Feature. This image shows the camera's pan (355°) and tilt (90°) capabilities, controlled remotely via the mobile app, providing extensive coverage.

Your browser does not support the video tag.

Video 1: Product Video Introduction. This video provides a brief overview of the AbecxEye A33 Security Camera, showcasing its features and functionality.

4.2 Dual Lens and Dual Screen Functionality

The camera features a dual-lens design, allowing for simultaneous monitoring of two different areas. The fixed lens provides a broad overview, while the rotating lens can focus on specific details.



Figure 6: Dual Lens Dual Screen Camera Features. This image highlights the camera's dual-lens design, offering features like audible alarm, multi-user view, 2.4GHz WiFi support, 360° visual coverage, AI human detection, dual-screen display, two-way audio, color night vision, and SD card/cloud storage.

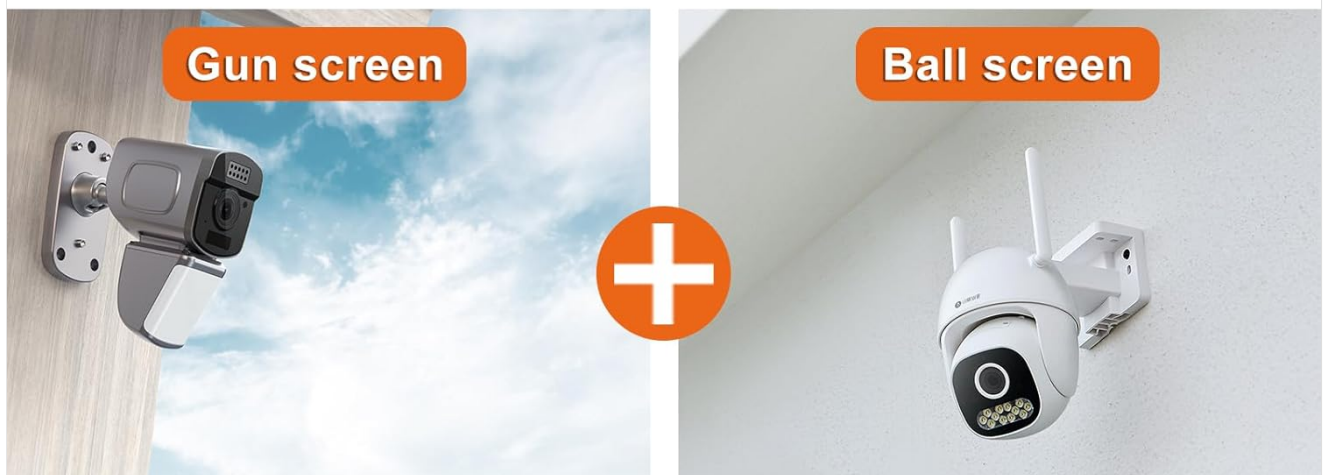


Figure 7: 2-in-1 Monitoring Capability. This image illustrates how a single camera unit can monitor two directions simultaneously, combining a fixed "Gun screen" view with a rotating "Ball screen" view.

4.3 Night Vision Modes

The camera offers three night vision modes for clear visibility in low-light conditions:

- **Full Color:** Utilizes white lights to provide full-color images at night.
- **Infrared:** Uses infrared LEDs for black and white night vision.
- **Smart Vision:** Automatically switches between infrared and full-color based on detected motion or events.

4.4 AI Detection and Alerts

The camera's AI detection can identify human figures, reducing false alarms. When motion is detected, the camera can auto-track the subject and send instant alerts to your phone.

Intelligent Tracking

Follow the character movement reminder to ensure the safety of your nearby home



Figure 8: Intelligent Tracking. This image demonstrates the camera's ability to follow and track human movement, ensuring continuous monitoring of your property.

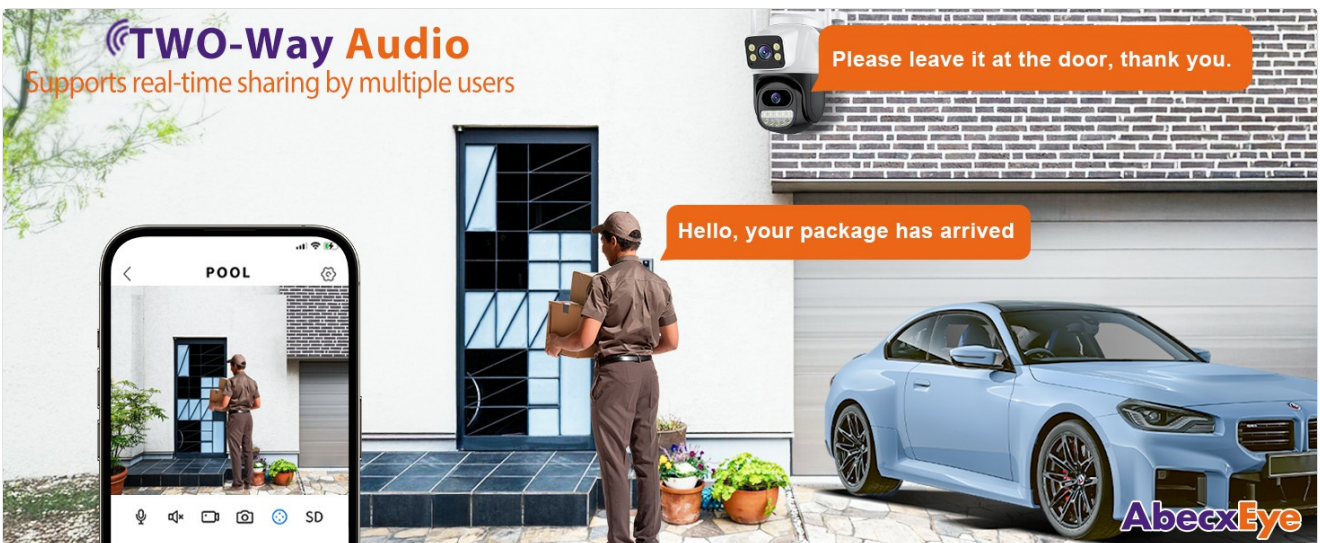


Figure 9: Motion Detection Alarm. This image shows how the camera sends an alert to your mobile app when moving objects are detected, accompanied by an audio alarm.

4.5 Two-Way Talk

Use the two-way audio feature to communicate with individuals near the camera, such as delivery personnel or visitors.



Figure 10: Two-Way Audio Functionality. This image illustrates the camera's two-way audio feature, allowing real-time communication with individuals in the camera's vicinity, such as a delivery person.

4.6 Digital Zoom

The camera supports 6X digital zoom, allowing you to magnify details in the live view or recorded footage.



Figure 11: 6X Digital Zoom. This image demonstrates the camera's 6X digital zoom capability, allowing users to magnify specific areas of interest within the camera's field of view.

5. MAINTENANCE

- **Regular Cleaning:** Periodically clean the camera lenses and housing with a soft, damp cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the iCSee app regularly for firmware updates to ensure your camera has the latest features and security enhancements.
- **Storage Management:** If using an SD card, periodically review and delete old footage to free up space. For cloud storage, manage your subscription and storage limits through the app.
- **Power Connection:** Ensure the power connection remains secure and free from damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera offline	No power; Wi-Fi signal lost; Incorrect Wi-Fi password.	Check power connection; Verify Wi-Fi signal strength; Re-enter Wi-Fi password in app.
Poor image quality	Dirty lens; Low light conditions; Network bandwidth issues.	Clean the lens; Ensure adequate lighting or use night vision; Check network speed.
No motion detection alerts	Detection sensitivity too low; Notifications disabled; AI detection not configured.	Adjust sensitivity in app; Enable app notifications; Configure AI detection settings.
Two-way audio not working	Microphone/speaker blocked; Volume too low; App permissions.	Ensure clear path for audio; Adjust volume in app; Grant microphone permissions to app.

7. SPECIFICATIONS

Attribute	Detail
Brand	AbecxEye
Model Name	A33Q6-WB
Item Model Number	A33
Indoor/Outdoor Usage	Outdoor, Indoor
Connectivity Technology	Wireless (2.4G Wi-Fi)
Video Capture Resolution	2592p (6MP)
Viewing Angle	355 Degrees (PTZ)
Digital Zoom	6X
Night Vision Range	10 Meters
Storage Support	Max 128 GB Flash Memory (SD Card), Cloud Storage
Power Source	Corded Electric (12 Volts DC, 5 Watts)
Item Dimensions (L x W x H)	7.09 x 4.33 x 6.3 inches
Item Weight	400 Grams (14.1 ounces)
Waterproof Rating	IP65
Special Features	HD Resolution, 2-Way Audio, Night Vision, PTZ Technology, AI Detection, Auto Tracking

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact AbecxEye customer support through the contact details provided on the product packaging or the official AbecxEye website. Please retain your purchase receipt for warranty claims.

