



[Manuals.plus](#) /

› [ACEMO](#) /

› ACEMO Indoor Security Camera Model CY1 User Manual

ACEMO CY1

ACEMO Indoor Security Camera Model CY1 User Manual

Model: CY1

1. INTRODUCTION

Thank you for choosing the ACEMO Indoor Security Camera Model CY1. This advanced camera is designed to provide comprehensive monitoring and communication for your home, offering peace of mind whether you are at home or away. Featuring two-way video calling, motion detection, automatic tracking, and continuous recording, it is an ideal solution for keeping an eye on children, elderly family members, or pets. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.



Image 1.1: ACEMO Indoor Security Camera Model CY1. This image shows the compact white camera unit with its display screen and rotating head.

2. PRODUCT FEATURES

- **Two-Way Video Call:** Engage in real-time video conversations with family members through the camera's 2.8-inch high-resolution display.

- **One-Touch Calling:** Easily initiate calls with pre-registered contacts directly from the camera unit.
- **Motion Detection & Automatic Tracking:** The camera detects movement and automatically tracks the subject, ensuring no important activity is missed.
- **Alarm Notifications:** Receive instant alerts on your smartphone when suspicious activity is detected, enhancing home security.
- **Continuous & Event Recording:** Supports 24/7 continuous recording to an SD card (up to 128GB, sold separately) or cloud storage (paid service), with automatic overwriting. Motion-triggered recording captures specific events.
- **Night Vision:** Equipped with infrared night vision, allowing clear monitoring up to 10 meters in low-light conditions.
- **Remote Operation & Family Sharing:** Control the camera and view live feeds remotely via a dedicated smartphone app. Share access with up to 5 family members.
- **2.4GHz Wi-Fi Connectivity:** Easy setup and stable connection to your home network.



Image 2.1: An overview of the ACEMO camera's key features, including two-way video, alarm push, motion detection, auto-tracking, recording, night vision, remote control, and family sharing.

3. SETUP GUIDE

3.1 Package Contents

- ACEMO Indoor Security Camera (Model CY1)
- Power Adapter
- USB Cable
- Mounting Accessories (for wall mount)
- User Manual

3.2 Initial Setup Steps

1. **Power Connection:** Connect the camera to a power source using the provided USB cable and power adapter. The camera will power on automatically.
2. **Download the App:** Scan the QR code in the manual or search for "Im Cam" in your smartphone's app store (available for Android and iPhone) to download the dedicated application.
3. **Connect to Wi-Fi:** Open the "Im Cam" app and follow the on-screen instructions to add your device. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.
4. **Pairing:** The app will guide you through the pairing process, which typically involves scanning a QR code displayed on your

phone with the camera or listening for an audible pairing signal.

5. **Placement:** Place the camera on a flat surface or mount it to a wall using the provided accessories. Ensure it has a clear view of the area you wish to monitor.



Image 3.1: Visual guide for initial setup, showing power connection, app download, and connection via app.

4. OPERATING INSTRUCTIONS

4.1 Two-Way Video Communication

The ACEMO camera allows for seamless two-way video calls. You can initiate a call from your smartphone app to the camera, or a person near the camera can initiate a call to your smartphone. The camera's 2.8-inch display shows the caller's video, making communication more personal.

- **From Smartphone:** Open the "Im Cam" app, select your camera, and tap the video call icon.
- **From Camera (One-Touch Call):** Press one of the pre-registered call buttons on the camera unit to connect with a designated contact.

双方向ビデオ通話

声が聞こえるし顔も見える! 離れていても、寂しくない

大丈夫よ、心配しないで

体の調子はどう?



Image 4.1: An elderly person interacting with the camera's two-way video call feature, showing a conversation with a family member.

ワンタッチだけで呼び出しできる

左右の通話ボタンにそれぞれ連絡先を登録可能



Image 4.2: A hand pressing a call button on the camera, demonstrating the one-touch calling function.



Image 4.3: A child interacting with the camera for a two-way video call, with a parent on a smartphone.

4.2 Motion Detection and Automatic Tracking

The camera is equipped with intelligent motion detection. When movement is detected within its field of view, the camera can automatically track the moving object, ensuring it remains in frame. This feature is particularly useful for monitoring active children or pets.

- **Activation:** Enable motion detection and automatic tracking in the "Im Cam" app settings for your camera.
- **Sensitivity:** Adjust the motion detection sensitivity to minimize false alarms.

動体検知・自動追尾

活発なお子さんやペットの姿をしっかりと捉える



Image 4.4: The camera actively tracking a child and a dog playing in a living room, highlighted by a blue tracking box.



Image 4.5: The camera tracking a cat moving around furniture, demonstrating its automatic tracking capability.

4.3 Recording and Alarm Notifications

The camera supports various recording options and provides instant alerts for enhanced security.

- **Continuous Recording:** Record 24/7 to a local SD card (up to 128GB, not included) or subscribe to cloud storage for continuous backup. Older footage is automatically overwritten.
- **Event Recording:** When motion is detected, the camera can automatically start recording and send an alarm notification to your smartphone.
- **Siren Alarm:** In case of suspicious activity, the camera can activate a siren to deter intruders. This feature can be enabled/disabled via the app.

自動録画・アラーム通知

留守中でも安心できる防犯対策



Image 4.6: An intruder being detected by the camera, with a smartphone displaying an alarm notification.



Image 4.7: The camera's anti-theft function, showing a siren alert and smartphone notification when an unauthorized person is detected.



Image 4.8: Illustrates the difference between 24-hour continuous recording and motion-detection triggered recording.

4.4 Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear black and white video footage up to 10 meters away without disturbing sleep.



Image 4.9: A comparison showing a room in normal light and the same room in night vision mode, demonstrating the camera's low-light performance.

4.5 Remote Viewing and Family Sharing

Access your camera's live feed and recorded footage from anywhere using your smartphone. The "Im Cam" app allows you to pan and tilt the camera remotely to get a full view of the room (350° horizontal, 60° vertical). You can also share camera access with up to 5 family members, allowing everyone to monitor the home.



Image 4.10: The camera demonstrating its pan (350° horizontal) and tilt (60° vertical) capabilities, providing a wide field of view.



Image 4.11: A smartphone screen showing the remote control interface for the camera, allowing users to adjust its view.



Image 4.12: An illustration of multiple family members accessing the camera feed simultaneously from different locations.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ACEMO security camera.

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could scratch the surface.
- **Software Updates:** Regularly check the "Im Cam" app for firmware updates. Keeping your camera's software up-to-date ensures you have the latest features and security enhancements.
- **Power Supply:** Use only the original power adapter and cable provided with the camera to prevent damage.
- **Environmental Conditions:** Ensure the camera is placed in a dry environment and avoid direct exposure to extreme temperatures or humidity. This camera is designed for indoor use only.

6. TROUBLESHOOTING

If you encounter issues with your ACEMO security camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; weak signal; camera too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Restart router and camera.
No video feed in app	Camera offline; poor internet connection; app issue.	Check camera power and Wi-Fi connection. Verify internet stability. Restart app or reinstall.

Problem	Possible Cause	Solution
Motion detection not working	Feature disabled; sensitivity too low; incorrect detection zone.	Enable motion detection in app. Adjust sensitivity. Configure detection zones.
Two-way audio unclear or echoing	Microphone/speaker obstruction; network latency; camera too close to phone during testing.	Ensure clear path for audio. Check network speed. Move phone away from camera during testing.
SD card not recording	SD card full; faulty SD card; incorrect recording settings.	Format or replace SD card. Check recording settings in app. Ensure SD card is inserted correctly.

If these solutions do not resolve your issue, please contact ACEMO customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	CY1
Product Dimensions	50 x 50 x 100 mm
Product Weight	360 g
Video Capture Resolution	1080p (Full HD)
Wireless Communication Technology	Wi-Fi (2.4GHz only)
Night Vision Range	Up to 10 meters
Pan/Tilt Functionality	350° Horizontal, 60° Vertical
Display Screen	2.8-inch high-resolution display
Storage Options	SD Card (up to 128GB, sold separately), Cloud Storage (paid)
Recommended Use	Indoor Security
Compatible Devices	Android, iPhone
Mounting Type	Freestanding, Wall Mount
Included Components	1x Security Camera

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The ACEMO Indoor Security Camera Model CY1 comes with a **3-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact ACEMO customer support through the following channels:

- **Email:** Refer to the contact information provided on the product packaging or the official ACEMO website.

- **Online Support:** Visit the ACEMO official website for FAQs, support articles, and live chat options.

When contacting support, please have your product model (CY1) and purchase details ready.

