

XIAOMI CW300-2.5K

XIAOMI Outdoor Security Camera CW300-2.5K User Manual

Model: CW300-2.5K

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XIAOMI Outdoor Security Camera CW300-2.5K. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.



Image: The XIAOMI Outdoor Security Camera CW300-2.5K, highlighting its robust, weather-resistant design and integration with a mobile application for remote monitoring.

PACKAGE CONTENTS

Verify that all items are present in the package:

- XIAOMI Outdoor Security Camera CW300-2.5K
- Instruction Manual
- Mounting Screws
- Power Adapter
- Stand

PRODUCT FEATURES

- **4MP Ultra-Clear Resolution (2.5K):** Captures video at 2560 x 1440 resolution with an F1.6 aperture for detailed imaging.
- **Pan-Tilt Functionality:** Offers smooth vertical and horizontal rotation via the mobile application for comprehensive area coverage.
- **Local AI Human Tracking:** Advanced artificial intelligence detects and automatically tracks human movement, reducing false alarms.
- **Instant Alerts:** Sends real-time notifications to your smartphone upon detection of human activity.
- **Strobe Light Alarm:** Activates a strobe light to deter intruders when motion is detected.
- **Full-Color Night Vision:** Equipped with 2 infrared and 2 white lights to provide color footage in low-light conditions.
- **IP66 Weather Resistance:** Designed to withstand rain, snow, and extreme temperatures (-30°C to 60°C).
- **Two-Way Audio:** Features a built-in microphone and speaker with AI noise reduction for clear communication.
- **Dual Network Connectivity:** Supports both 2.4GHz Wi-Fi and wired Ethernet connections for stable operation.
- **Flexible Storage Options:** Supports local storage via MicroSD card (8GB–256GB, not included) and optional cloud storage.
- **Voice Control Integration:** Compatible with Alexa and Google Home for convenient voice commands.

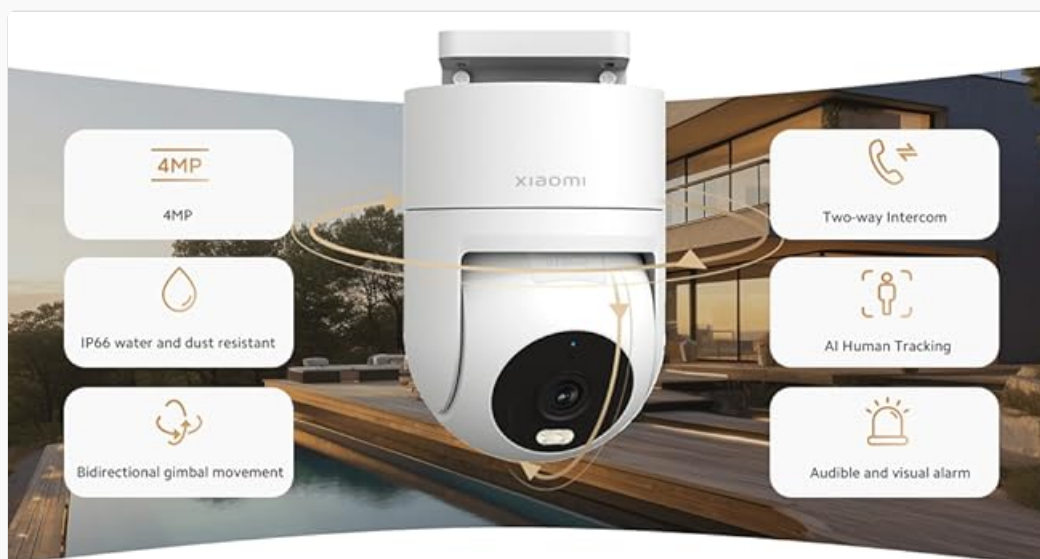


Image: An overview of the camera's main features, including its 4MP resolution, smart full-color night vision, bidirectional gimbal movement, IP66 rating, AI human tracking, audible and visual alarm, two-way intercom, wired + Wi-Fi dual network, and MJA1 security chip.

SETUP AND INSTALLATION

1. Choose a Mounting Location

The camera can be mounted on a wall, ceiling, or pole. Ensure the chosen location provides a clear view of the area you wish to monitor and is within reach of a power outlet. The camera is IP66 rated for outdoor use, but the power adapter is for indoor use only. Protect the power connection from direct exposure to water.

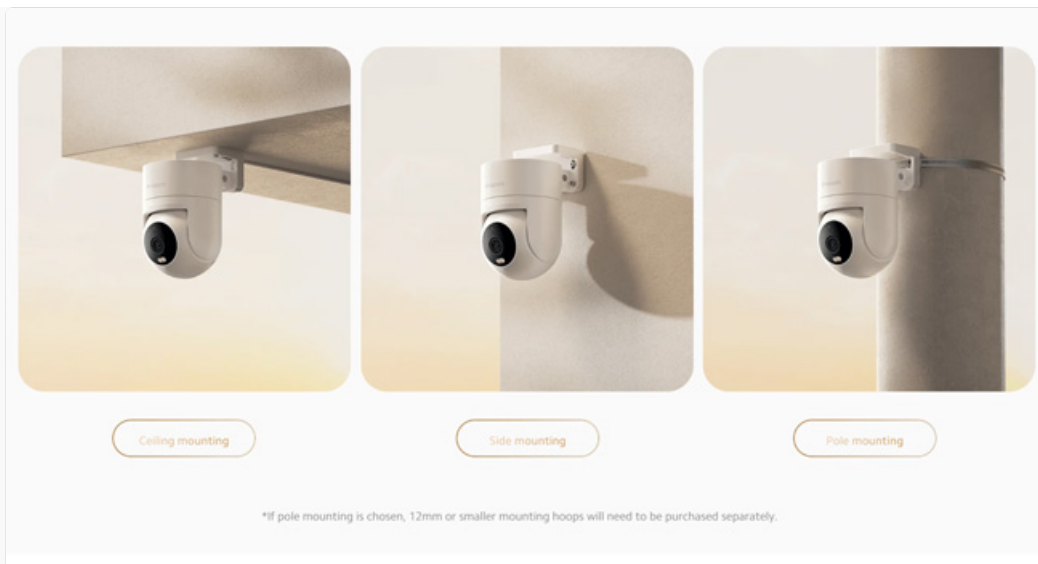


Image: Visual representation of various mounting methods for the camera, including ceiling, side, and pole installations. For pole mounting, 12mm or smaller mounting hoops may be required (sold separately).

2. Install the Mounting Bracket

1. Use the provided mounting template to mark the drill holes on the desired surface.
2. Drill holes and insert wall anchors if necessary.
3. Secure the mounting bracket to the surface using the provided screws.

3. Attach the Camera

1. Align the camera with the mounting bracket and twist to lock it into place.
2. Ensure the camera is securely attached.

4. Power Connection

1. Connect the power adapter to the camera's power input.
2. Plug the power adapter into a suitable indoor power outlet.
3. The camera will power on and initiate its startup sequence.

5. Network Connection

The camera supports both Wi-Fi and wired Ethernet connections.

- **Wi-Fi Setup:**

- a. Download the "Mi Home" app from your device's app store.
- b. Create an account or log in.
- c. Follow the in-app instructions to add the camera and connect it to your 2.4GHz Wi-Fi network.

- **Wired Ethernet Setup:**

- a. Connect an Ethernet cable (not included) from your router to the camera's Ethernet port.
- b. The camera will automatically establish a wired connection.
- c. Proceed with the "Mi Home" app setup as described for Wi-Fi.

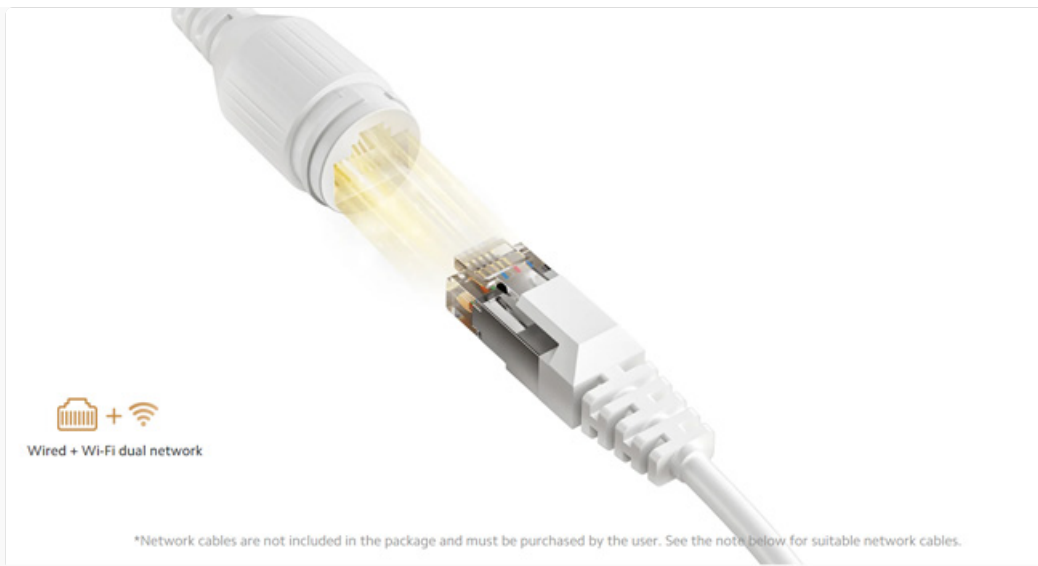


Image: A detailed view of the camera's wired Ethernet connection, emphasizing its dual network support for stable and low-latency surveillance. Network cables are not included.

OPERATION

1. Live View and Pan-Tilt Control

Open the Mi Home app and select your camera to view the live feed. Use the on-screen controls to pan (horizontal) and tilt (vertical) the camera lens to adjust the viewing angle.

2. AI Human Tracking and Alerts

The camera's local AI automatically detects and tracks human figures. When human motion is detected, the camera will send a real-time notification to your phone. You can configure alert settings, including sensitivity and notification frequency, within the Mi Home app.



Image: The camera's AI human tracking feature in action, showing a person being detected and followed within the surveillance area.



Image: The camera's active alarm system, showing a strobe light activating upon person detection, accompanied by a mobile app notification.

3. Night Vision

The camera automatically switches to night vision mode in low-light conditions. With its dual infrared and white lights, it can provide either black and white or full-color night vision footage, depending on the ambient light and settings.

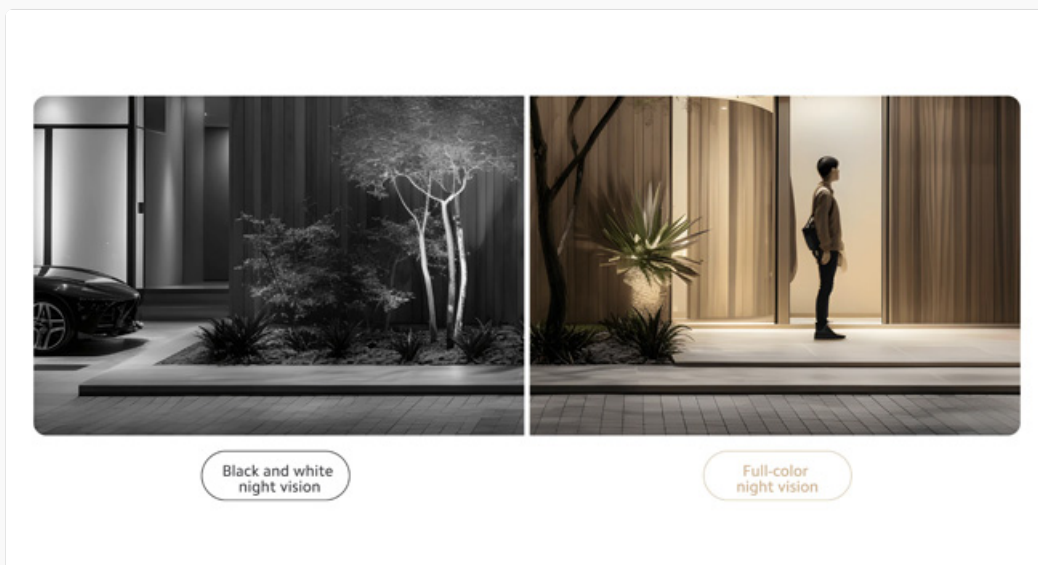


Image: A comparison demonstrating the camera's night vision capabilities, contrasting standard black and white infrared with enhanced full-color night vision.

4. Two-Way Audio

Use the two-way audio feature in the Mi Home app to communicate with individuals near the camera. This is useful for greeting visitors, instructing delivery personnel, or deterring unwanted guests.



Image: An illustration of the two-way voice calling feature, showing clear communication between a person and the camera, even in outdoor environments.

5. Recording and Playback

Recordings can be stored on a MicroSD card (up to 256GB, not included) or via cloud storage (subscription may be required). Access recorded footage through the Mi Home app's timeline feature. You can filter events, zoom in, and adjust playback speed.

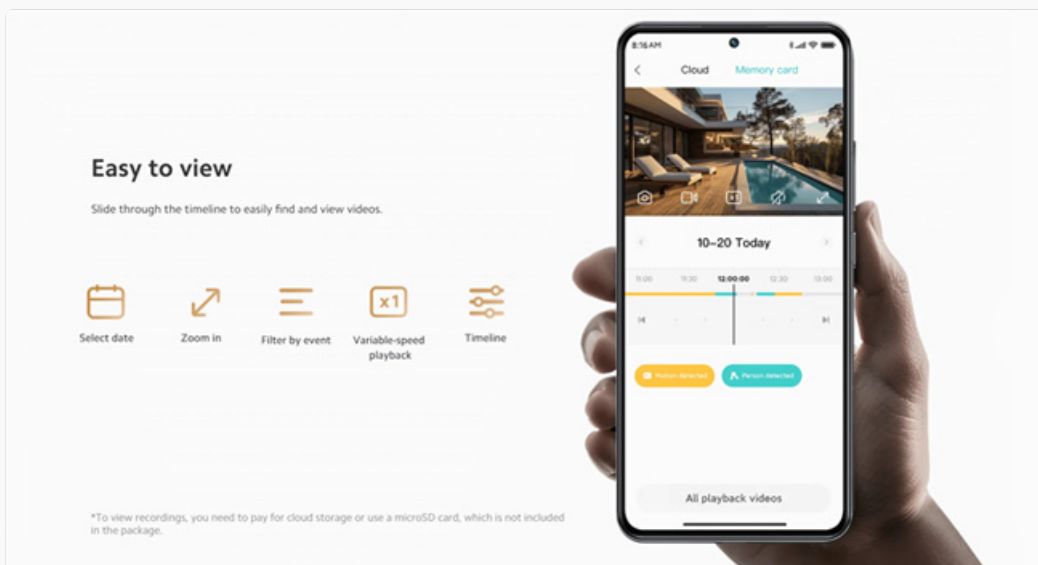


Image: The Mi Home app's playback interface, demonstrating how users can navigate recorded footage using a timeline, filter events, and adjust playback settings.

6. Voice Control

Integrate your camera with smart home platforms like Amazon Alexa or Google Home for convenient voice control. Follow the instructions in the respective smart home app to link your Mi Home account.

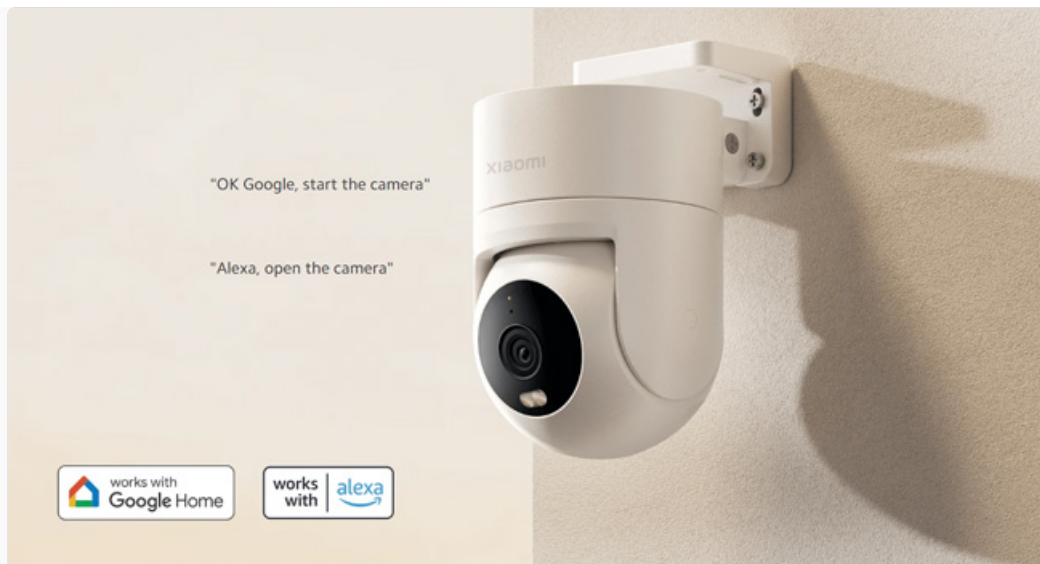


Image: The camera's compatibility with voice assistants, illustrating how to control it using Google Home and Amazon Alexa commands.

MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Regularly check the Mi Home app for firmware updates to ensure optimal performance and security.
- **MicroSD Card:** If using a MicroSD card, periodically check its status in the app and consider formatting it if issues arise.

TROUBLESHOOTING

Issue	Possible Solution
Camera not powering on	Ensure the power adapter is securely connected to both the camera and a working power outlet. Verify the outlet has power.
Unable to connect to Wi-Fi	<ul style="list-style-type: none">◦ Confirm your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.◦ Check Wi-Fi password accuracy.◦ Ensure the camera is within range of your Wi-Fi router.◦ Restart your router and the camera.
Poor video quality or lag	<ul style="list-style-type: none">◦ Check your internet connection speed.◦ Move the camera closer to the Wi-Fi router or use a wired Ethernet connection for better stability.◦ Ensure there are no obstructions blocking the camera's view or Wi-Fi signal.

Issue	Possible Solution
No motion detection alerts	<ul style="list-style-type: none">◦ Verify motion detection is enabled in the Mi Home app settings.◦ Adjust motion detection sensitivity.◦ Check notification settings on your smartphone.

SPECIFICATIONS

Feature	Detail
Model Number	XM-CW300-OD
Video Capture Resolution	1440p (2.5K, 4MP)
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Connectivity Technology	Wi-Fi (2.4GHz), Wired Ethernet
Water Resistance Level	IP66 (Dustproof & Water-resistant)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage Options	MicroSD card (8GB-256GB, not included), Cloud Storage
Special Features	Motion Sensor, Color Night Vision, AI Human Tracking, Two-Way Audio, Weather Proof
Product Dimensions (L x W x H)	6.61 x 3.94 x 4.84 inches (168mm x 100mm x 123mm approx.)
Item Weight	1.76 pounds








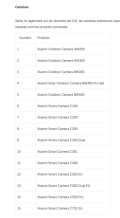
Image: The physical dimensions of the camera, indicating its height and width for installation planning.

WARRANTY AND SUPPORT

XIAOMI provides dedicated customer support for its products. If you encounter any questions or require assistance with your Outdoor Security Camera CW300-2.5K, please contact our customer service team. We aim to respond to inquiries within 24 hours.

For detailed warranty information, please refer to the warranty card included with your product or visit the official XIAOMI support website.

Related Documents - CW300-2.5K

	<p>Xiaomi Outdoor Camera CW300: Setup, Connectivity, and Troubleshooting Guide</p> <p>Comprehensive guide for setting up and troubleshooting the Xiaomi Outdoor Camera CW300, covering WiFi connectivity, QR code recognition, and app binding.</p>
	<p>Xiaomi Outdoor Camera CW300 User Manual - Installation, Setup, and Specifications</p> <p>Comprehensive user manual for the Xiaomi Outdoor Camera CW300 (Model MBC31). Learn about installation, setup via Mi Home app, precautions, specifications, and compliance information.</p>
	<p>Xiaomi Outdoor Camera CW300 User Manual and Installation Guide</p> <p>Official user manual for the Xiaomi Outdoor Camera CW300 (Model MBC21). Find installation instructions, setup guide, specifications, and precautions for your smart home security camera.</p>
	<p>Xiaomi Outdoor Camera CW300 User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the Xiaomi Outdoor Camera CW300, covering installation, setup, features, and safety precautions. Includes product overview, how-to guides, and compliance information.</p>
	<p>Xiaomi Outdoor Camera 4C (MBC15) User Manual - Installation, Setup, and Specifications</p> <p>Comprehensive user manual for the Xiaomi Outdoor Camera 4C (Model MBC15). Covers package contents, camera parts, detailed installation steps, microSD card setup, Mi Home app connection guide, indicator status, precautions, waterproof accessory installation, technical specifications, WEEE information, and EU Declaration of Conformity.</p>
	<p>Caméras Connectées Xiaomi : Réglementation des Données et Informations Produit</p> <p>Informations sur les caméras connectées Xiaomi, leur traitement des données selon la réglementation européenne, les détails des produits et les services connectés.</p>

Xiaomi Outdoor Camera CW300



2.5K Full HD

With a 4MP (2560*1440) resolution, it is more detailed than a 1080p camera.

Full color night vision

Both 2 infrared LEDs and 4MP HD resolution full-color night vision, allowing the home can be safely guarded in day and night.

360° View Pan Tilt

Security camera can rotate head 360° horizontally and 120° vertically, providing full wide angle to guard home and pet, avoiding blind spots.

IP68 Weather Resistance

IP68 rating keeps reliable monitoring in different weather conditions. Easily handles outdoor environment of both heat and cold.

AI Human Detection

When the camera detects the human figure, it can automatically track the movement of the figure and record it by rotating the camera lens.

Alarm with Spotlights and Siren

When the camera detects the motion, the Spotlights and siren immediately works to scare off intruders.

Two Way Talk

Two-way talk can be made with the camera through the mobile app.

WiFi/Network Port

It supports 2.4GHz Wi-Fi and has built-in network port.

Secure Encryption

Built-in anti-security chip so that your privacy is better protected.

Welder-free Installation

Supports three installation modes: wall, ceiling and pole.

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Product Sheet Xiaomi Outdoor Camera CW300 BHR8097EU AB SHOP abshop in th 2024 03 |||

Xiaomi Outdoor Camera CW300 2.5K Full HD With a 4MP 2560*1440 resolutionit is more detailed than a 1080p camera. Full color night vision Both 2 infrared LEDs and 4MP HD resolution full-color night vision, allowing the home can be safely guarded in day and night. 360View Pan Tilt Securit...

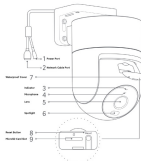
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Multiple Usage Scenarios



Power Port

Power Port (Type-C)



Package Contents

Xiaomi Outdoor Camera CW300, wall mount, power adapter, mounting template (darker), mounting screws, network network port accessories, network cable, user manual, warranty card, after-sales card.

Specifications

Name: Xiaomi Outdoor Camera CW300
Item Dimensions: 96 x 105 x 123 mm
Night Vision Light: 400 nm infrared light x 2, white light x 2
Network Connectivity: Wi-Fi (IEEE 802.11 a/b/g/n 2.4 GHz)
Wi-Fi Operation Frequency: 2402 - 2483 MHz
Wi-Fi Network Output Power: <25 dBm
Storage: MicroSD card (8 GB - 128 GB supported)/Cloud storage

Model: BHR8097EU
Video Codec: H.265
Resolution: 2560 x 1440
Net Weight: 487 g
Resolution: 2560 x 1440
Operating Temperature: -20°C to 60°C