

XIAOMI MBC23

Xiaomi Smart Camera C301 User Manual

Model: MBC23

1. INTRODUCTION

The Xiaomi Smart Camera C301 is an indoor security camera designed to provide comprehensive surveillance and monitoring for your home. Featuring 3MP ultra-clear resolution, advanced detection capabilities, and two-way audio, it offers a reliable solution for keeping an eye on your indoor spaces. This manual provides detailed instructions for setting up, operating, and maintaining your camera.



Figure 1: Front view of the Xiaomi Smart Camera C301.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- This device is for indoor use only. Do not expose it to rain or moisture.
- Use only the power adapter provided or recommended by the manufacturer.

- Ensure the power cable is not damaged or pinched.
- Do not attempt to disassemble or repair the camera yourself. Refer all servicing to qualified personnel.
- Keep the camera away from heat sources and direct sunlight.
- Avoid placing the camera in areas with strong electromagnetic interference.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Xiaomi Smart Camera C301
- Charging Cable
- User Manual
- Screws and Base (including screw × 2, wall plug × 2)
- Mounting Template Sticker

4. SETUP

4.1 Powering On

1. Connect the provided charging cable to the camera's power port.
2. Plug the other end of the charging cable into a suitable power adapter (not always included, use a standard USB power adapter).
3. The camera will power on and initiate its startup sequence.

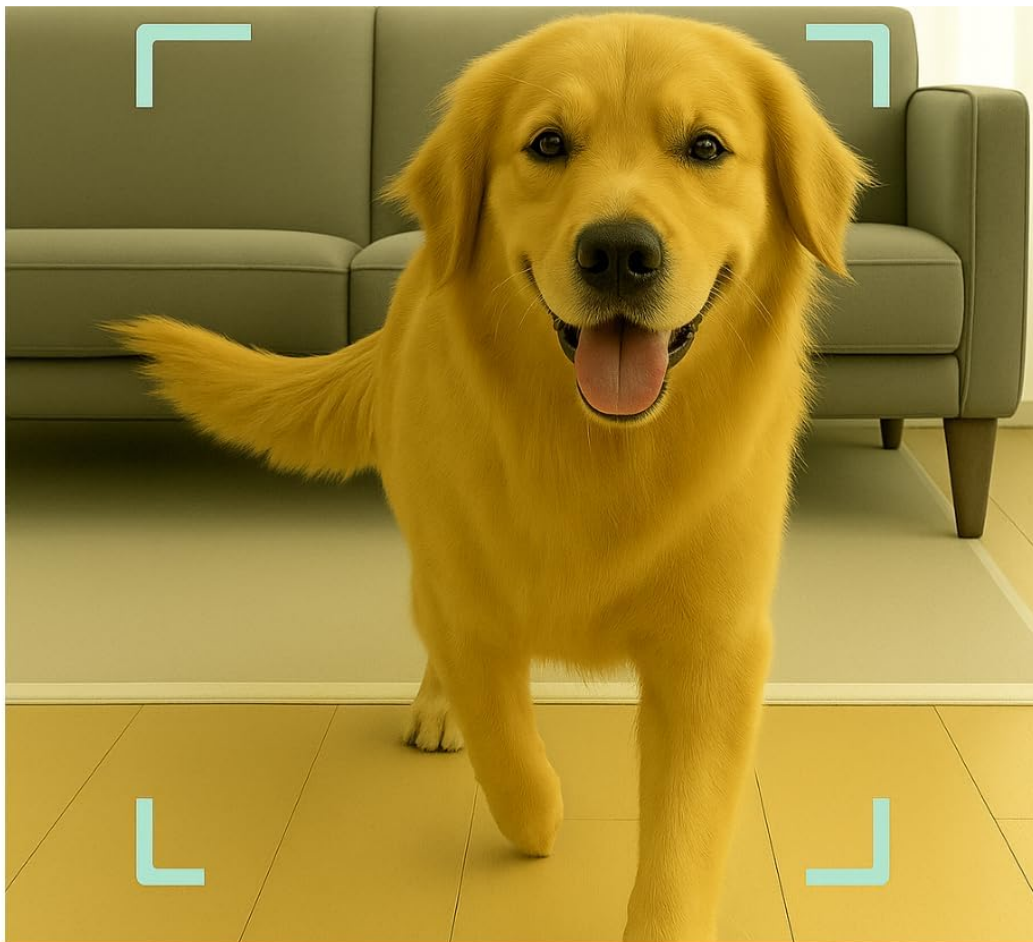
4.2 App Installation and Connection

The Xiaomi Smart Camera C301 connects via an app and is compatible with Android 8.0 & iOS 12.0 or above.

1. Download the official Xiaomi Home app from your device's app store (Google Play Store for Android, Apple App Store for iOS).
2. Open the app and create or log in to your Xiaomi account.
3. Follow the in-app instructions to add a new device. Select the Xiaomi Smart Camera C301 from the list of available devices.
4. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network (5GHz networks are not supported).
5. Scan the QR code displayed on your phone with the camera lens when prompted.
6. Once connected, you can name your camera and assign it to a specific room.

4.3 Mounting Options

The camera supports both table and wall mounting. Use the included screws, wall plugs, and mounting template sticker for wall installation.



Bewegungserkennung

Lokale KI erkennt Bewegungen intelligent und reduziert Fehlalarme deutlich.



Figure 2: The camera lens can be physically shielded for privacy.

5. OPERATING THE CAMERA

5.1 Live View and Control

Once connected to the app, you can access the live video feed from your camera. The dual-axis pan-tilt-zoom motor allows you to control the camera's lens rotation directly from your smartphone, providing a 360° horizontal and 107° vertical viewing angle.



Vielseitige Produktansicht



Figure 3: The camera features a swivel head for wide-angle coverage.

5.2 Key Features

- **3MP Ultra-Clear Visuals:** The camera delivers 2K (2304x1296) resolution images, capturing subtle details and realistic visuals.
- **Large Aperture and 4P Lens:** Reduces light refraction for clear and crisp image quality.
- **MJA1 Security Chip:** Ensures finance-grade data protection with unique keys and credentials for secure communication and storage.
- **Physical Lens Shielding:** The camera lens can be hidden upwards into the body to physically protect your privacy when not in use.
- **Real-time Two-Way Voice Calls:** Communicate with family members remotely through the camera with a 5-meter sound pickup range.
- **Enhanced Infrared Night Vision:** Six built-in infrared illuminators provide clear images in dark conditions without visible red light.



Schwenkbarer Kamerakopf

360° horizontal und 107° vertikal drehbar.



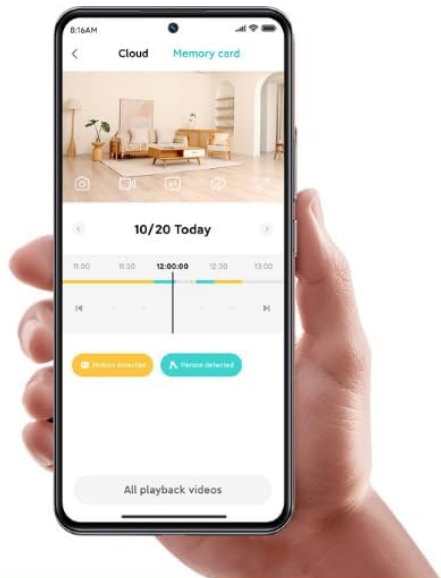
Figure 4: The camera provides clear images even in complete darkness using infrared night vision.

5.3 Detection Features

The camera incorporates intelligent detection capabilities to enhance security:

- **Motion Detection:** The camera intelligently recognizes movements and can send alerts to your smartphone.
- **Person Detection:** Advanced AI distinguishes human figures from other movements, reducing false alarms.

Select date Zoom in Filter by event Variable-speed playback Timeline



Einfach anzusehen

Cloud-Speicher und microSD-Karte (bis zu 256 GB) können Sie jederzeit bequem auf alle Aufnahmen zugreifen.



Figure 5: The camera's motion detection system identifies movement within its field of view.



Figure 6: The camera's person detection feature focuses on human figures for relevant alerts.

5.4 Storage Options

Video recordings can be stored locally on a microSD card (up to 256GB) or via cloud storage services (subscription may be required).

5.5 Smart Home Integration

The Xiaomi Smart Camera C301 can be integrated with smart home ecosystems, supporting control via Amazon Alexa and Google Home.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Periodically check the Xiaomi Home app for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Placement:** Ensure the camera is placed in a stable location, away from direct heat, moisture, or

strong vibrations.

7. TROUBLESHOOTING

If you encounter issues with your Xiaomi Smart Camera C301, refer to the following common solutions:

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Check your Wi-Fi password. Move the camera closer to the router.
- **Poor image quality:** Clean the camera lens. Ensure adequate lighting in the room. Check your internet connection speed.
- **No power:** Verify the power cable is securely connected to both the camera and the power source. Try a different power outlet.
- **App issues:** Restart the Xiaomi Home app. Clear the app's cache. Reinstall the app if necessary.
- **Camera not responding:** Unplug the camera from the power source, wait 10 seconds, and plug it back in to perform a restart.

8. SPECIFICATIONS

Feature	Specification
Model Name	Xiaomi Smart Camera C301
Item Model Number	MBC23
Indoor/Outdoor Usage	Indoor
Compatible Devices	Android 8.0 & iOS 12.0 or above
Power Source	Corded Electric
Connectivity Protocol	App
Controller Type	Amazon Alexa, Google Home
Mounting Type	Table/Wall
Video Capture Resolution	2K (2304x1296)
Number of Items	1
Voltage	5V
Item Dimensions (L x W x H)	3.07 x 2.99 x 4.53 inches
Item Weight	12.3 ounces (350 Grams)
Optical Zoom	5x
Video Capture Format	MP4
International Protection Rating	IP65 (Note: Product description states Indoor, IP65 is typically for outdoor. Please refer to product packaging for definitive rating.)

Maximum Webcam Image Resolution	50 MP
Flash Memory Installed Size	256 (likely GB for microSD support)
Batteries Required?	No
Manufacturer	Xiaomi
Language	English
Recommended Uses For Product	Indoor Security

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Xiaomi website or contact Xiaomi customer service. Keep your purchase receipt as proof of purchase for warranty claims.

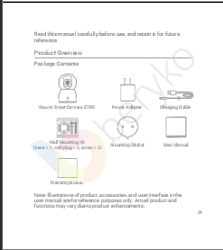
Manufacturer: Xiaomi

Brand: XIAOMI

For further assistance, visit the official [XIAOMI Store](#).

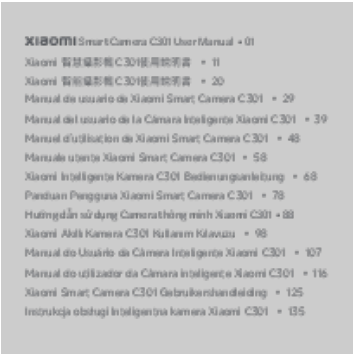
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Related Documents

	Xiaomi Smart Camera C301 Warranty Information This document provides comprehensive warranty information for the Xiaomi Smart Camera C301, detailing terms, conditions, exclusions, and service center locations. It covers consumer rights and additional warranty benefits offered by Xiaomi.
	Xiaomi Smart Camera C200 User Manual User manual for the Xiaomi Smart Camera C200, covering product overview, installation, usage, features like real-time surveillance and night vision, specifications, and compliance information.
	Xiaomi Smart Camera C700 User Manual User manual for the Xiaomi Smart Camera C700, covering product overview, package contents, setup, installation, features like real-time surveillance and night vision, specifications, and safety precautions.

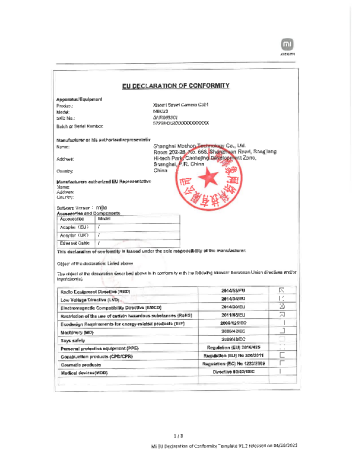
	Xiaomi Smart Camera C500 Pro User Manual: Setup, Features, and Specifications Comprehensive user manual for the Xiaomi Smart Camera C500 Pro (Model: MJSXJ16CM), covering installation, setup with Mi Home/Xiaomi Home app, features like real-time surveillance, night vision, and technical specifications.
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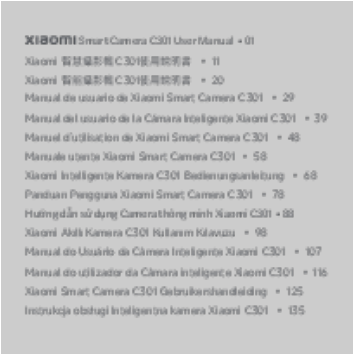


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[Xiaomi Smart Camera C301 Warranty Information](#)

This document provides comprehensive warranty information for the Xiaomi Smart Camera C301, detailing terms, conditions, exclusions, and service center locations. It covers consumer rights and additional warranty benefits offered by Xiaomi.

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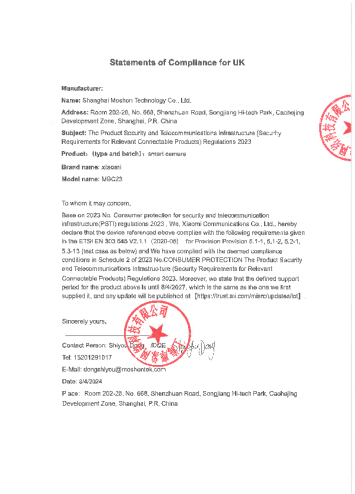
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