

XIAOMI AW300

XIAOMI Outdoor Camera AW300 User Manual

Model: AW300 (BHR7597US)

1. INTRODUCTION

The XIAOMI Outdoor Camera AW300 is a high-performance security camera designed for outdoor surveillance. It provides 2K ultra-clear image quality, ensuring detailed monitoring day and night. Equipped with Wi-Fi connectivity, it allows for remote access and control via the Mi Home/Xiaomi Home app. Its IP66 weather-resistant design ensures durability against various outdoor conditions, making it suitable for enhancing the security of your outdoor spaces.

Key features include full-color night vision, intelligent motion detection with focus zones, two-way audio communication, and multi-camera monitoring capabilities.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- XIAOMI Outdoor Camera AW300
- Power Adapter (Corded Electric)
- Mounting Kit (Screws and Wall Plugs)
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your XIAOMI Outdoor Camera AW300.



Figure 1: Front view of the XIAOMI Outdoor Camera AW300, showing the lens, LED indicators, and antennas. This image displays the camera's primary components for operation and connectivity.



Figure 2: The XIAOMI Outdoor Camera AW300 mounted on an exterior wall, demonstrating its typical installation in an outdoor environment. The camera is positioned to monitor a garden area.



Figure 3: The XIAOMI Outdoor Camera AW300 operating in low-light conditions, with its white lights activated for full-color night vision. This illustrates the camera's capability to capture clear images even in darkness.

4. SETUP GUIDE

4.1. Mounting the Camera

1. **Choose a Location:** Select an outdoor location that provides the desired viewing angle and is within range of a power outlet and your Wi-Fi network. The camera is designed for wall mounting.
2. **Prepare the Surface:** Ensure the mounting surface is clean and stable.
3. **Drill Holes:** Use the provided mounting template (if included) or the camera base to mark and drill pilot holes for the screws.
4. **Install Wall Plugs:** Insert the wall plugs into the drilled holes.
5. **Secure the Camera:** Align the camera's mounting base with the holes and secure it using the provided screws.

4.2. Powering On

- Connect the power adapter to the camera's power input port.

- Plug the power adapter into a suitable outdoor power outlet. The camera will power on automatically.

4.3. Connecting to the Mi Home/Xiaomi Home App

1. **Download the App:** Download and install the "Mi Home" or "Xiaomi Home" app from your smartphone's app store (available for Android and iOS).
2. **Create/Log In:** Open the app and log in with your Xiaomi account or create a new one.
3. **Add Device:** Tap the "+" icon in the top right corner to add a new device.
4. **Scan for Device:** The app may automatically detect the camera, or you may need to manually select "XIAOMI Outdoor Camera AW300" from the list of available devices.
5. **Connect to Wi-Fi:** Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your phone is connected to the same Wi-Fi network during setup.
6. **Scan QR Code:** If prompted, use the camera to scan a QR code displayed on your phone screen.
7. **Complete Setup:** Once connected, you can name your camera and complete the setup process.

5. OPERATING INSTRUCTIONS

5.1. Live View and Recording

- Open the Mi Home/Xiaomi Home app and select your AW300 camera to access the live feed.
- The camera provides 24-hour day and night surveillance with 2K ultra-clear image quality.
- Recordings of detected movements are stored for playback.

5.2. Night Vision

- The camera is equipped with 2 built-in high-power white lights and 2 infrared lights.
- In low-light conditions, the camera automatically switches to night vision mode.
- When human movements are detected at night, the high-power white lights will automatically turn on to record full-color images. Otherwise, it operates in infrared (black and white) night vision.

5.3. Motion Detection and Alerts

- **Focus Zone Setting:** Within the Mi Home/Xiaomi Home app, you can define specific "focus zones" for smarter detection. The camera will only trigger alarm notifications for suspicious movements detected within these zones, filtering out unnecessary alerts from outside areas.
- **Audible and Visual Warning:** If an intruder is detected entering a defined focus zone, the camera will automatically activate an audible alarm and high-frequency flashing lights to deter potential threats.
- Notifications will be sent to your connected smartphone.

5.4. Two-Way Audio

- Utilize the real-time voice intercom feature through the app.
- The built-in high-power speaker and high-fidelity microphone allow for clear voice pickup from up to 7 meters, enabling two-way communication.
- Audio and video are recorded for playback.

5.5. Multi-Camera Monitoring

- The Mi Home/Xiaomi Home app supports simultaneous viewing of live footage from up to 4 cameras.
- You can view these feeds on various devices, including your TV, tablet, and mobile phone.

5.6. Storage Options

- **MicroSD Card:** The camera supports microSD cards from 32GB to 256GB for local storage of recordings.
- **Cloud Storage:** Cloud storage options may be available through the Mi Home/Xiaomi Home app (subscription may be required).

6. MAINTENANCE

6.1. Cleaning the Camera

- Ensure the camera is powered off before cleaning.
- Gently wipe the lens and camera body with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Regularly check for any obstructions (e.g., spiderwebs, dirt) that might block the camera's view or sensors.

6.2. Firmware Updates

- Periodically check the Mi Home/Xiaomi Home app for available firmware updates.
- Keeping the firmware updated ensures optimal performance, security, and access to new features. Follow the in-app instructions for updating.

7. TROUBLESHOOTING

If you encounter issues with your XIAOMI Outdoor Camera AW300, refer to the following common troubleshooting steps:

- **Camera Not Connecting to Wi-Fi:**
 - Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.
 - Check that the camera is within range of your Wi-Fi router.
 - Verify the Wi-Fi password entered in the app is correct.
 - Restart your router and the camera, then try connecting again.
- **Poor Image Quality:**
 - Clean the camera lens to remove any dirt or smudges.
 - Ensure there are no obstructions in the camera's field of view.
 - Check your Wi-Fi signal strength; a weak signal can affect streaming quality.
- **Motion Detection Not Working:**
 - Verify that motion detection is enabled in the Mi Home/Xiaomi Home app settings.
 - Adjust the sensitivity settings for motion detection.
 - Ensure focus zones are correctly configured and not excluding the areas you wish to monitor.
- **No Audio or Two-Way Audio Issues:**
 - Check the volume settings on your smartphone and within the app.
 - Ensure the microphone and speaker on the camera are not obstructed.
 - Verify app permissions for microphone access on your smartphone.

- **Camera Offline:**

- Check the power connection to the camera.
- Confirm your Wi-Fi network is operational.
- If the issue persists, try resetting the camera (refer to the app for specific reset instructions) and re-pairing it.

8. SPECIFICATIONS

Feature	Specification
Model Name	AW300
Item Model Number	BHR7597US
Brand	XIAOMI
Indoor/Outdoor Usage	Outdoor
Connectivity Technology	Wireless (Wi-Fi)
Connectivity Protocol	Wi-Fi
Wireless Communication Technology	Wi-Fi
Video Capture Resolution	2K
Effective Video Resolution	1080p (Full-HD)
Effective Still Resolution	2 MP
Maximum Webcam Image Resolution	2 MP
International Protection Rating	IP66
Power Source	Corded Electric
Voltage	5 Volts
Wattage	4 watts
Compatible Devices	Smartphone
Controller Type	Amazon Alexa, Android, Google Assistant
Mounting Type	Wall Mount
Item Dimensions (L x W x H)	6.82 x 2.76 x 2.95 inches
Item Weight	7.2 ounces
Storage Function	microSD Card (32GB to 256GB supported), Cloud Storage
Special Feature	2-Way Audio, HD Resolution, Portable
Alert Type	Motion Only
Video Capture Format	MP4


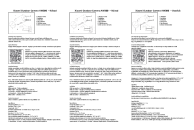


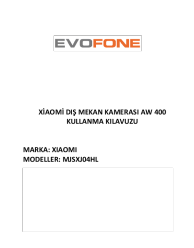
9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product packaging or visit the official XIAOMI website. Specific warranty terms and conditions may vary by region.

For technical support, troubleshooting assistance, or further inquiries, please contact XIAOMI customer service or refer to the support section within the Mi Home/Xiaomi Home app.

You can also visit the [XIAOMI Store on Amazon](#) for additional product information and resources.

Related Documents - AW300

	<p>Xiaomi Outdoor Camera AW300 User Manual</p> <p>User manual for the Xiaomi Outdoor Camera AW300, covering setup, usage, specifications, and safety precautions. Includes information on installation, app connectivity, and troubleshooting.</p>
	<p>Xiaomi Outdoor Camera AW300 Užívateľská príručka a instalační průvodce</p> <p>Podrobný průvodce nastavením a používáním kamery Xiaomi Outdoor Camera AW300, včetně instalace, párování, specifikací a řešení problémů.</p>
	<p>Xiaomi WiFi Range Extender N300 User Guide</p> <p>User guide for the Xiaomi WiFi Range Extender N300, covering setup, features, FAQs, and specifications. Learn how to extend your Wi-Fi network.</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>Xiaomi Outdoor Kamera AW 400 Kullanım Kılavuzu</p> <p>Xiaomi Outdoor Kamera AW 400 (Model: MJSXJ04HL) için kapsamlı kullanım kılavuzu. Bu belge, ürünün kurulumu, bağlantısı, teknik özellikleri, kullanımı, bakımı ve güvenlik uyarıları hakkında detaylı bilgi sunar.</p>



All images are for illustration purposes only and may differ from the actual product by model and region.

[Mi Wi-Fi Range Extender Pro User Manual and Specifications](#)

User manual for the Xiaomi Mi Wi-Fi Range Extender Pro (Model R03). This guide details product features, installation steps, troubleshooting tips, technical specifications, and regulatory compliance. Enhance your home Wi-Fi coverage with this Xiaomi device.