

ARENTI O3

Arenti O3 2.5K/4MP Outdoor Camera Instruction Manual

Model: O3 | Brand: ARENTI

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Arenti O3 2.5K/4MP House Camera Outdoor. This camera is designed to provide reliable outdoor surveillance with advanced features such as 2.5K/4MP resolution, color night vision, spotlight and siren alarm, AI-powered motion detection, and two-way audio communication. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact Arenti customer support.

- Arenti O3 2.5K/4MP Outdoor Camera
- Power Adapter (Charger)
- Mounting Screws and Wall Plugs
- Mounting Template
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Arenti O3 outdoor camera.



Figure 3.1: Arenti O3 2.5K/4MP Outdoor Camera. This image shows the camera mounted on a wall, connected by a cable, with a smartphone displaying its live view. The camera features a lens, a spotlight, and a sturdy mounting bracket.

- **Camera Lens:** Captures 2.5K/4MP resolution video.
- **Spotlight:** Provides illumination for color night vision and acts as a deterrent.
- **Infrared LEDs:** For traditional black and white night vision.
- **Microphone:** Captures audio for two-way communication and noise detection.
- **Speaker:** Enables two-way audio communication and siren alarm.
- **Mounting Bracket:** For secure wall installation.
- **Power Cable:** Connects the camera to the power adapter.
- **Micro SD Card Slot:** For local storage (supports up to 256GB, card not included).

4. SETUP AND INSTALLATION

4.1 App Installation and Account Creation

Before physical installation, download the Arenti app and create an account.

1. Search for "Arenti" in your mobile device's app store (Google Play Store for Android or Apple App Store for iOS).
2. Download and install the Arenti app.
3. Open the app and follow the on-screen instructions to register a new account or log in if you already have one.



Figure 4.1: Arenti Mobile Application. The image displays the Arenti app icon and a smartphone screen showing the app's interface with multiple camera feeds.

4.2 Physical Installation

Choose a suitable location for your camera. The Arenti O3 is IP65 weather-resistant, designed to withstand various outdoor conditions.

1. **Select Location:** Choose a location that provides the desired viewing angle and is within range of your 2.4GHz Wi-Fi network. Ensure there is a power outlet nearby.
2. **Mounting Surface:** The camera can be wall-mounted. Use the provided mounting template to mark drill holes.
3. **Drill Holes:** Drill holes at the marked positions. Insert wall plugs if mounting on masonry or drywall.
4. **Secure Camera:** Align the camera's mounting bracket with the holes and secure it using the provided screws.
5. **Connect Power:** Connect the power cable to the camera and plug the power adapter into a suitable outdoor-rated electrical outlet.



Figure 4.2: IP65 Weather Resistance. This image illustrates the Arenti O3 camera's durability against various weather conditions, including rain and snow, highlighting its IP65 rating.

4.3 Connecting to Wi-Fi

After physical installation, connect your camera to your home Wi-Fi network using the Arenti app.

1. Open the Arenti app and tap the "+" icon to add a new device.
2. Select your camera model from the list.
3. Follow the in-app instructions to connect the camera to your 2.4GHz Wi-Fi network. This typically involves scanning a QR code generated by the app with the camera's lens.

4. Once connected, the camera's status indicator will change, and you will see the live feed in the app.

5. OPERATION

5.1 Live View and Resolution

Access the live video feed from your camera through the Arenti app. The camera provides a clear 2.5K/4MP resolution for detailed monitoring.



Figure 5.1: 2.5K/4MP Resolution and Color Night Vision. This image compares the superior clarity of Arenti's 4MP resolution with

standard 1080P, and demonstrates the camera's ability to capture full-color images even in low-light conditions.

5.2 Two-Way Audio

The built-in microphone and speaker allow for real-time two-way communication.

- From the live view screen in the app, tap the microphone icon to speak through the camera's speaker.
- Tap the speaker icon to listen to audio from the camera's surroundings.



Figure 5.2: Clearly Two-Way Audio. This image shows the Arenti O3 camera facilitating a conversation between a user and a delivery person, illustrating its two-way audio capability.

5.3 Motion Detection and Alerts

The camera features AI-powered human motion detection and customizable detection zones to minimize false alarms.

- **Enable Motion Detection:** In the app settings for your camera, enable motion detection.
- **Customize Detection Zones:** Define specific areas within the camera's view where you want motion to be detected. This helps focus on critical areas and ignore irrelevant movements.
- **Receive Alerts:** When motion is detected, the camera will automatically track the movement and send instant alerts to your phone.



Figure 5.3: Only Focus What You Care. This image demonstrates the camera's human and activity zone detection, outlining a child to show how it focuses on relevant motion.

5.4 Night Vision

The O3 camera offers both traditional infrared night vision and advanced color night vision.

- **Color Night Vision:** Enabled by the starlight CMOS sensor and 3000K warm light, providing clear, full-color images even in low-light conditions.
- **Infrared Night Vision:** Utilizes 2850nm infrared LEDs for clear black and white images in complete darkness.
- Settings for night vision modes can be adjusted within the Arenti app.

5.5 Recording and Storage

Your Arenti O3 camera supports both cloud storage and local storage options.

- **Free Cloud Storage:** The camera supports free 7-day cycle event recording cloud storage (requires App version 4.0.0+ and device version 5.5.4+).
- **Local Storage:** Supports full-day recording with FAT32 Micro SD cards (not included) up to 256GB. Insert the Micro SD card into the designated slot on the camera.
- You can review recorded footage via the Arenti app, selecting either cloud or SD card playback.

No Subscription

Free 7-day Cycle Event Recording Cloud Storage



Figure 5.4: No Subscription Required for Basic Storage. This image highlights the camera's feature of free 7-day cycle event recording cloud storage, alongside local storage options.

5.6 Spotlight and Siren Alarm

The camera is equipped with a built-in spotlight and siren for active deterrence.

- When human or motion is detected, you can configure the camera to automatically activate the spotlight and/or siren alarm.
- These features can also be manually triggered from the Arenti app.

Siren and Spotlight Alarm

Instant Alert when Detect Motion

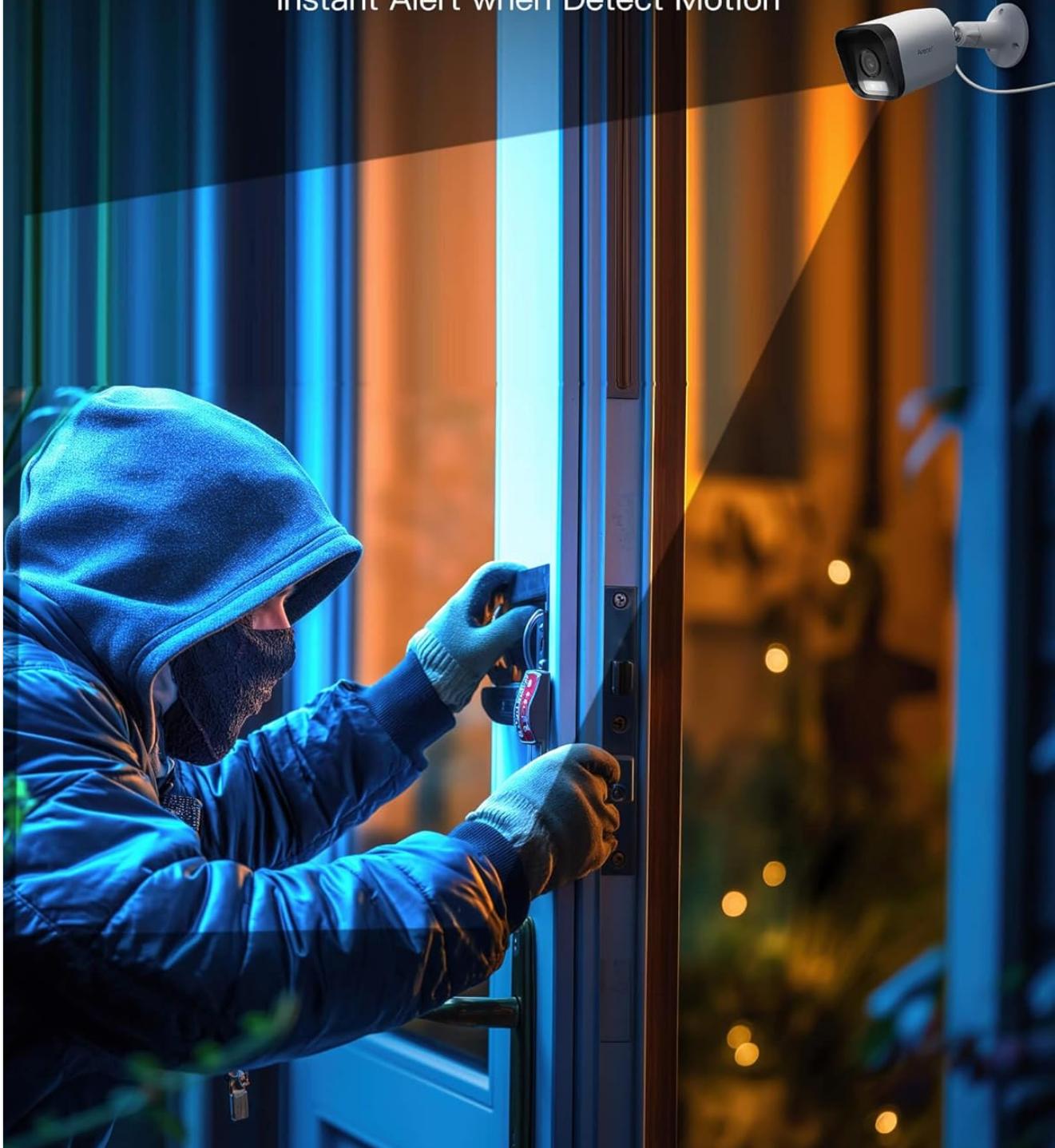


Figure 5.5: Siren and Spotlight Alarm. This image depicts the Arenti O3 camera's spotlight illuminating an area and its siren acting as an instant alert to deter unwanted visitors.

5.7 Smart Home Integration (Alexa)

The Arenti O3 camera is compatible with Amazon Alexa, allowing for voice control and integration into your smart home ecosystem.

- Enable the Arenti skill in the Alexa app.
- Link your Arenti account with your Alexa account.
- You can then use voice commands to view your camera feed on compatible Alexa-enabled devices (e.g.,

"Alexa, show me the front door camera").

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Arenti O3 camera.

- **Lens Cleaning:** Gently wipe the camera lens with a soft, clean, lint-free cloth to remove dust or smudges. Avoid abrasive cleaners.
- **Housing Cleaning:** Clean the camera body with a damp cloth. Do not use harsh chemicals.
- **Firmware Updates:** Regularly check the Arenti app for firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features and security enhancements.
- **Power Connection:** Periodically inspect the power cable and adapter for any signs of damage.

7. TROUBLESHOOTING

If you encounter issues with your Arenti O3 camera, refer to the following common troubleshooting steps.

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Weak Wi-Fi signal, incorrect Wi-Fi password, camera too far from router, 5GHz Wi-Fi network used.	Ensure camera is within 2.4GHz Wi-Fi range. Verify Wi-Fi password. Restart camera and router. Move camera closer to router or use a Wi-Fi extender. Confirm your router is broadcasting a 2.4GHz network.
Poor image quality	Dirty lens, low bandwidth, insufficient lighting.	Clean the camera lens. Ensure stable internet connection. Check night vision settings.
Motion alerts not received	Motion detection disabled, app notifications off, detection zone not set correctly.	Enable motion detection in the app. Check app notification settings on your phone. Adjust detection zones and sensitivity.
SD card not recording	SD card full, corrupted, or not formatted correctly.	Format the SD card via the app. Replace with a new FAT32 formatted SD card (up to 256GB).

8. SPECIFICATIONS

Key technical specifications for the Arenti O3 2.5K/4MP Outdoor Camera.

Feature	Detail

Feature	Detail
Model Name	O3
Resolution	2.5K/4MP (4 Million Pixels)
Night Vision	Color Night Vision (Starlight CMOS Sensor, 3000K Warm Light), Infrared LEDs (2850nm)
Weather Resistance	IP65
Audio	Two-Way Audio (Built-in Mic and Speaker)
Motion Detection	AI-Powered Human Motion Detection, Noise Detection, Customizable Detection Zones
Alarm Features	Built-in Spotlight, Siren Alarm
Storage Options	Free 7-day Cycle Event Recording Cloud Storage, Local Storage (Micro SD card up to 256GB, FAT32)
Connectivity	2.4GHz Wi-Fi
Smart Home Compatibility	Works with Amazon Alexa
Power Source	Corded Electric (5 Volts, 2.5 Watts)
Dimensions (L x W x H)	5.8 x 5.8 x 15.6 cm
Item Weight	10 g
Material	Plastic

9. WARRANTY AND SUPPORT

Your Arenti O3 camera comes with a manufacturer's warranty and dedicated customer support.

- Warranty:** The product is covered by a **2-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.
- Customer Support:** For technical assistance, troubleshooting, or warranty inquiries, please contact Arenti customer support via email.
- Email:** support@arenti.com

<p>DOME 1 Arenti®</p> <p>QUICK GUIDE</p>  <p>Compatible with Amazon Alexa & Google Assistant</p>	<p>Arenti DOME 1 Smart Indoor Camera: Quick Guide & Features</p> <p>Comprehensive quick guide for the Arenti DOME 1 smart indoor security camera. Learn about its 2K/3MP Ultra HD video, pan/tilt control, AI detection, two-way audio, and compatibility with Amazon Alexa and Google Assistant.</p>
<p>P2Q</p> <p>QUICK GUIDE</p> 	<p>Arenti P2Q Smart Pan Tilt Wi-Fi Camera Quick Guide</p> <p>A quick start guide for the Arenti P2Q Smart Pan Tilt Wi-Fi Camera, covering packing list, product description, installation, configuration, specifications, and legal notices.</p>
<p>F1</p> <p>Laxihub</p> <p>QUICK GUIDE</p>  <p>Compatible with Amazon Alexa & Google Assistant</p>	<p>Arenti F1 Smart Wi-Fi Floodlight Camera Quick Guide</p> <p>A concise guide to installing and using the Arenti F1 Smart Wi-Fi Floodlight Camera, covering setup, features, and troubleshooting.</p>
<p>OUTDOOR1 Arenti®</p> <p>QUICK GUIDE</p>  <p>Compatible with Amazon Alexa & Google Assistant</p>	<p>Arenti OUTDOOR1 Quick Guide - EN Outdoor Wi-Fi Camera</p> <p>Concise quick start guide for the Arenti OUTDOOR1 EN Outdoor Wi-Fi Camera, covering packing list, product description, installation, configuration, specifications, and legal notices.</p>