

ARENTI OP1

Arenti 4MP Outdoor Security Camera (OP1) User Manual

Model: OP1

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Arenti OP1 4MP Outdoor Security Camera. Please read this manual thoroughly before installation and operation, and retain it for future reference. The Arenti OP1 camera is designed to provide comprehensive outdoor surveillance with advanced features such as 4MP resolution, dual-band Wi-Fi connectivity (2.4GHz/5GHz), color night vision, and intelligent motion tracking.



Figure 1.1: Arenti OP1 4MP Outdoor Security Camera. This image displays the cream-colored camera unit with its two external antennas, designed for outdoor use.

2. WHAT'S IN THE BOX

Verify that all components are present and in good condition upon opening the package.

- Camera (x1)
- Power Adapter (x1)

- Type-C Cable (x1)
- Mounting Bracket (x1)
- Screw Package (x1)
- Quick Guide (x1)



Figure 2.1: Contents of the Arenti OP1 package. This diagram illustrates the camera, power adapter, Type-C cable, mounting bracket, screw package, and quick guide.

3. PRODUCT OVERVIEW

The Arenti OP1 camera features a robust design suitable for outdoor environments, offering pan, tilt, and zoom capabilities for comprehensive area coverage.

Key Features:

- **4MP Ultra HD Resolution:** Provides clear and detailed video footage.
- **Dual-Band Wi-Fi (2.4GHz/5GHz):** Offers flexible and stable network connectivity.
- **360° Pan/Tilt/Zoom (PTZ):** Allows remote adjustment of the camera's viewing angle.
- **Color Night Vision:** Enhanced visibility in low-light conditions.
- **Intelligent Motion Tracking:** Automatically follows detected movement.
- **IP65 Water Resistant:** Designed to withstand various weather conditions.



Figure 3.1: The Arenti OP1 camera demonstrating its IP65 water resistance, shown with raindrops on its casing, indicating suitability for outdoor use in various weather conditions.

4. SETUP

4.1 Initial Setup

1. **Power On:** Connect the camera to a power source using the provided power adapter and Type-C cable. The camera will initiate its startup sequence.
2. **Download App:** Download the Arenti app from the App Store (iOS) or Google Play Store (Android).

3. **Account Registration:** Open the app and register for a new account or log in if you already have one.
4. **Add Device:** Follow the in-app instructions to add your Arenti OP1 camera. This typically involves scanning a QR code on the camera or manually selecting the device model.

4.2 Wi-Fi Connection

The Arenti OP1 supports both 2.4GHz and 5GHz Wi-Fi networks. Choose the network that best suits your installation environment.

- **2.4GHz Wi-Fi:** Offers a longer connection distance, suitable for installations further from your router.
- **5GHz Wi-Fi:** Provides faster response speeds, ideal for closer installations requiring minimal latency.



Figure 4.1: Dual-band Wi-Fi connectivity. This image illustrates the benefits of 5GHz (faster speed) and 2.4GHz (longer distance) Wi-Fi for camera placement around a property.



Figure 4.2: Visual representation of 2.4GHz and 5GHz Wi-Fi signal ranges. The 5GHz signal is depicted as faster but with shorter range, while 2.4GHz has a longer range.

4.3 Mounting the Camera

The camera is designed for wall mounting. Ensure the mounting surface is stable and can support the camera's weight.

1. **Choose Location:** Select an outdoor location that provides optimal viewing angles and is within Wi-Fi range.
2. **Mark Holes:** Use the mounting bracket as a template to mark the screw holes on the wall.
3. **Drill Holes:** Drill pilot holes at the marked locations.
4. **Secure Bracket:** Attach the mounting bracket to the wall using the provided screws.
5. **Attach Camera:** Securely attach the camera to the mounting bracket.

5. OPERATING INSTRUCTIONS

5.1 Live View and PTZ Control

Access the live feed through the Arenti app. You can remotely control the camera's pan (horizontal), tilt (vertical), and zoom functions to adjust the viewing area.

- **Pan:** Rotate the camera horizontally up to 355 degrees.
- **Tilt:** Adjust the camera vertically up to 90 degrees.
- **Zoom:** Utilize the digital zoom feature to magnify specific areas of the live feed.

What's in the box

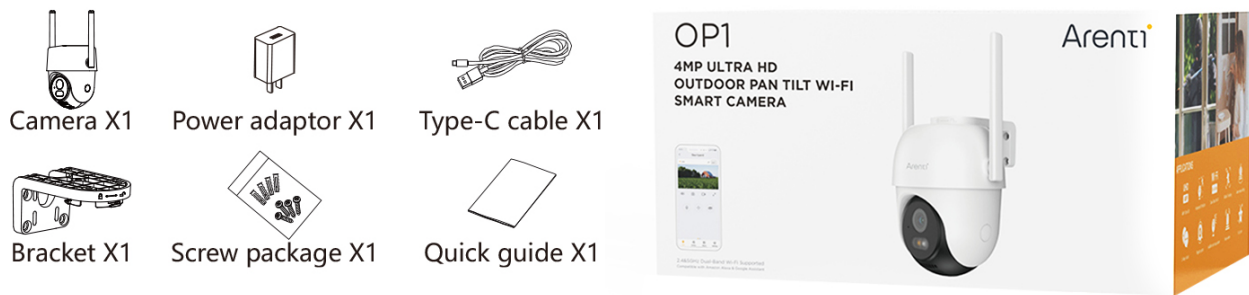


Figure 5.1: The Arenti OP1 camera's 360-degree viewing capability. This image shows the camera mounted on a house, with arrows indicating its pan (355°) and tilt (90°) range, and a smartphone displaying the wide view.

5.2 Video Quality and Night Vision

The camera provides 4MP (2K) resolution for clear images. It features both infrared and color night vision modes.

- **Infrared Night Vision:** Uses infrared LEDs for black and white video in complete darkness.
- **Color Night Vision:** Utilizes a starlight CMOS sensor and warm light to provide full-color video even in low-light conditions.

Upgraded 2.5K/4MP Resolution

Clear Sight Day and Night



Others 1080P

Arenti 4MP

Figure 5.2: Resolution comparison between 1080P and Arenti 4MP. The image shows a split view of an outdoor gathering, with the Arenti 4MP side displaying significantly clearer details than the 1080P side.



Figure 5.3: Night vision modes. This image compares infrared night vision (monochrome) with enhanced color night vision, showing a house at night with improved detail and color in the latter mode.

5.3 Intelligent Detection and Alerts

The camera offers free motion and sound detection, with intelligent alerts capable of differentiating between people, pets, and vehicles.

- **Motion Tracking:** The camera can automatically track detected movement within its field of view.
- **Customizable Alert Zones:** Set specific areas to monitor for activity to reduce false alarms.
- **Instant Notifications:** Receive real-time alerts on your smartphone when an event is detected.
- **Light and Sound Alarms:** Configure the camera to activate a strobe light and/or siren upon detection of suspicious activity.

Human Detection & Motion Tracking

Set Alert Zone to Reduce False Alarms



Figure 5.4: Human detection and motion tracking. This image shows a father and son walking in a yard, with the camera's detection boxes highlighting them and an arrow indicating motion tracking.

Never Miss a Visitor

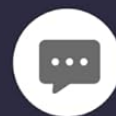
motion detection & instant alerts



strobe
light siren



sound alarm



push
message



video rec

Figure 5.5: Motion detection and instant alerts. This image depicts a person climbing through a window at night, with a smartphone displaying an alert message from the Arenti app, indicating detected movement.



Figure 5.6: Camera alert options. This image shows a camera projecting light and sound waves, with options for message push, video record, light alarm, sound alarm, and combined light and sound alarm.

5.4 Two-Way Audio

The integrated microphone and speaker allow for two-way communication through the camera. This feature can be used to greet visitors or deter intruders.

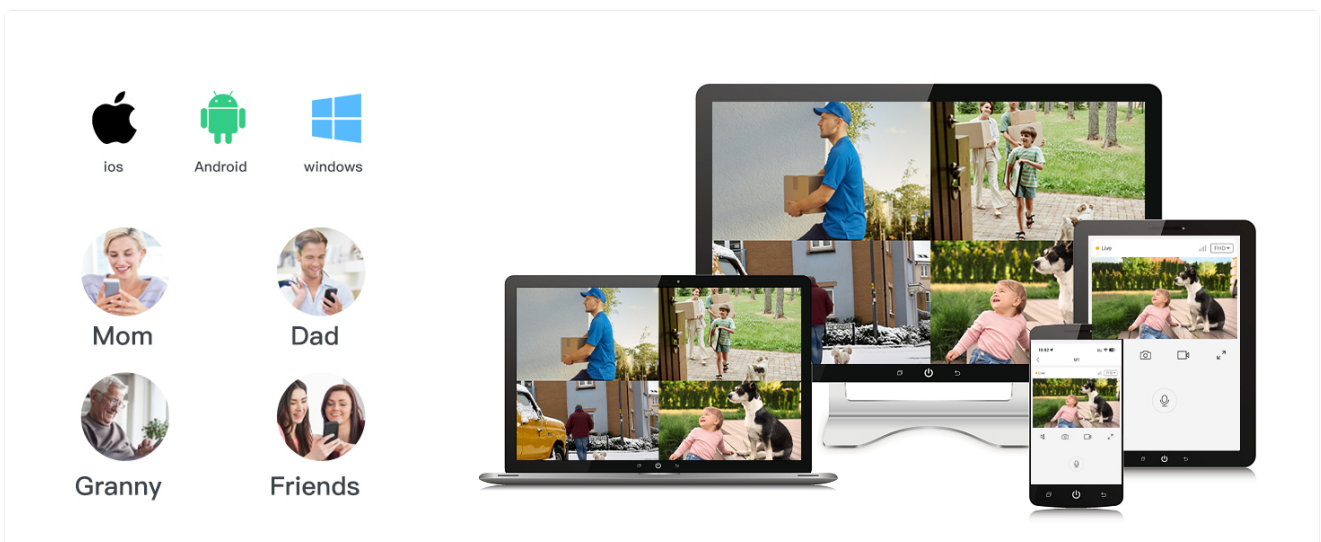


Figure 5.7: Two-way audio communication. This image shows a camera on a house communicating with a delivery person, demonstrating the ability to speak and listen remotely.

5.5 Storage Options

The Arenti OP1 offers flexible storage solutions for your video recordings.

- **Local Storage:** Supports Micro SD card storage up to 256GB (card not included) for continuous 24/7 recording.
- **Cloud Service:** Includes a free 7-day loop for 6-second event recordings. Additional cloud storage plans may be available.

Flexible Storage Options

No Subscription

Up to
256_{GB}
SD Card Storage

TF card is not included



**Free Cloud
Service**

7-day loop 6 sec event
recording

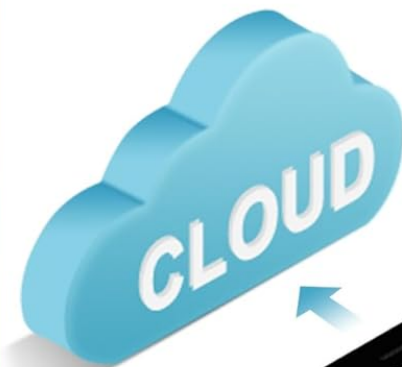


Figure 5.8: Flexible storage options. This image highlights the camera's support for up to 256GB SD card storage and a free cloud service for 7-day loop 6-second event recording.

5.6 App Features and Sharing

The Arenti app provides a comprehensive interface for managing your camera and viewing footage. You can also share camera access with family and friends without subscription fees.

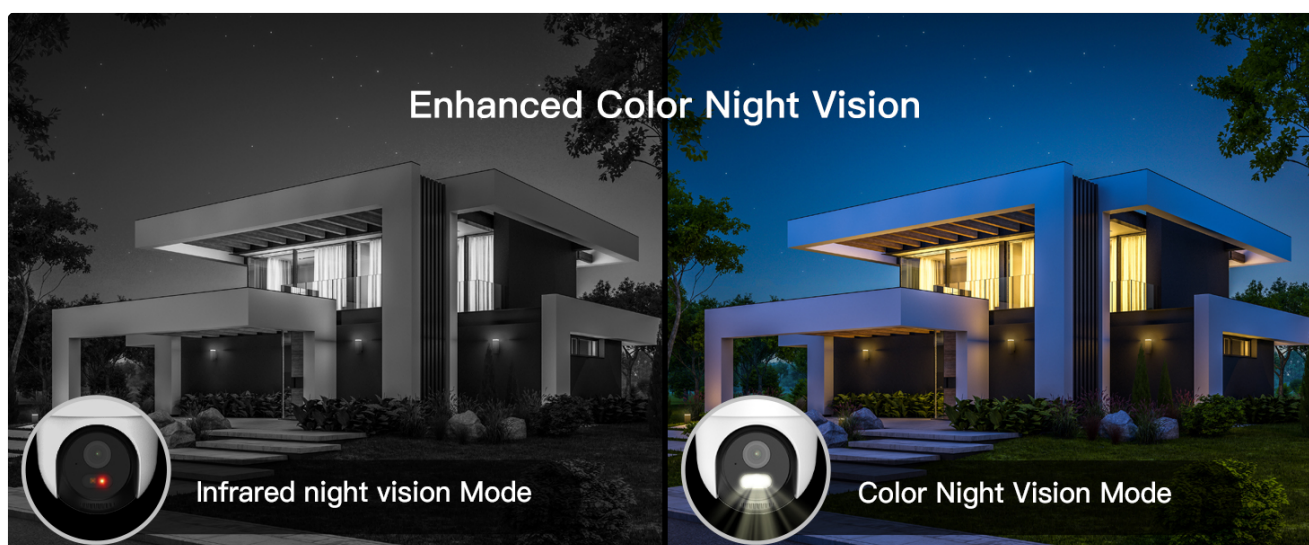


Figure 5.9: Family sharing feature. This image shows various devices (smartphones, tablets, laptops) displaying live camera feeds, along with icons representing different family members who can share access to the camera.

6. MAINTENANCE

6.1 Cleaning

To ensure optimal performance, periodically clean the camera lens and housing. Use a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the camera's finish or lens.

6.2 Weather Protection

The Arenti OP1 camera is IP65 water resistant, meaning it is protected against dust ingress and low-pressure water jets from any direction. While designed for outdoor use, extreme weather conditions (e.g., prolonged heavy rain, snow, or direct exposure to high-pressure water) should be considered during installation to maximize longevity.

7. TROUBLESHOOTING

If you encounter issues with your Arenti OP1 camera, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Camera offline	No power; Wi-Fi signal lost; Router issue	Check power connection; Verify Wi-Fi signal strength; Restart router; Reconfigure Wi-Fi in app.
Poor video quality	Weak Wi-Fi signal; Dirty lens; Insufficient lighting	Ensure strong Wi-Fi connection; Clean camera lens; Verify night vision settings.
Frequent false alarms	Motion detection sensitivity too high; Unwanted objects in detection zone	Adjust motion detection sensitivity in app; Define specific alert zones to exclude irrelevant areas.
Cannot connect to 5GHz Wi-Fi	Camera too far from 5GHz router; Router settings	Move camera closer to the 5GHz router; Ensure router is broadcasting 5GHz network correctly.
SD card not recording	SD card full or corrupted; Incorrect recording settings	Format SD card via app; Check recording schedule and settings; Replace SD card if corrupted.

If the problem persists, please contact Arenti customer support.

8. SPECIFICATIONS

Technical specifications for the Arenti OP1 4MP Outdoor Security Camera.

Feature	Detail
Model Name	OP1
Video Capture Resolution	4MP (2K)
Wireless Communication Technology	5GHz/2.4GHz Dual Wi-Fi
Mounting Type	Wall Mount
Viewing Angle	100 Degrees
Night Vision Range	33 Feet
Water Resistance Level	IP65 Water Resistant
Power Source	Corded Electric (5 Volts, 2.5 Watts)
Local Storage	Up to 256GB Micro SD Card (not included)
Compatible Devices	Amazon Alexa, Google Assistant, Smartphone
Item Dimensions (L x W x H)	10.6 x 12.3 x 20.6 Centimetres
Item Weight	660 g
Colour	Cream

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

The Arenti OP1 camera comes with a **2 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty inquiries, or any other support needs, please contact Arenti customer service:

- Email: support@arenti.com

Related Documents

OP1 Smart Outdoor Pan&Tilt Camera QUICK GUIDE 	Arenti OP1 Smart Outdoor Pan&Tilt Camera Quick Guide Quick start guide for the Arenti OP1 Smart Outdoor Pan&Tilt Camera, covering packing list, product description, installation, configuration, specifications, and legal notices.
P2Q QUICK GUIDE Smart Pan Tilt Wi-Fi Camera 	Arenti P2Q Smart Pan Tilt Wi-Fi Camera Quick Guide 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.
F1 Loxihub QUICK GUIDE  Compatible with Amazon Alexa & Google Assistant	Arenti F1 Smart Wi-Fi Floodlight Camera Quick Guide A concise guide to installing and using the Arenti F1 Smart Wi-Fi Floodlight Camera, covering setup, features, and troubleshooting.
Arenti  GO1 User Manual • Troubleshooting • Setup • Installation • Specifications • Safety	Arenti GO1 User Manual - Setup, Features, and Troubleshooting Comprehensive user manual for the Arenti GO1 smart camera, covering setup, installation, features, troubleshooting, and technical specifications. Includes product details and safety information.

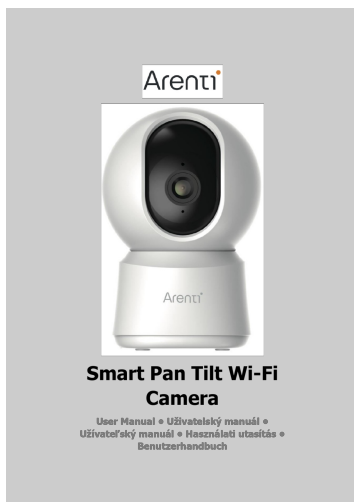


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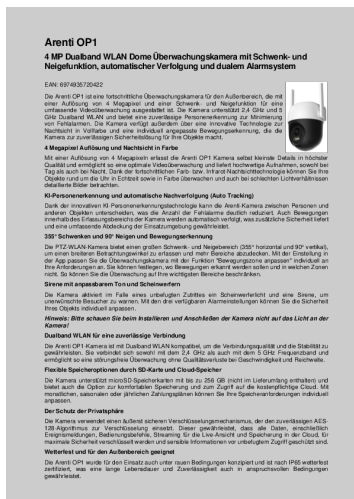
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Smart Pan Tilt Wi Fi Camera Alza cz OP1 2560 x 1440 95° Up to 10 meters 0°~355° 0°~90° 20°C

Případně můžete vyhledat Arenti v App Store iOS nebo Google Play Android P2Q dwn alza manual 138032 |||

Smart Pan Tilt Wi-Fi Camera User Manual Uzivatelsk manu Uzvatesk manu Hasznlati utasts Benutze ... g Temperature Local Storage Power Power Consumption Supported Phone OS Wireless Connection Details **OP1** 2560 x 1440 95 Up to 10 meters 0-355 Pan ; 0-90 Tilt -20C to 50C Micro SD card up to 128 GB ...

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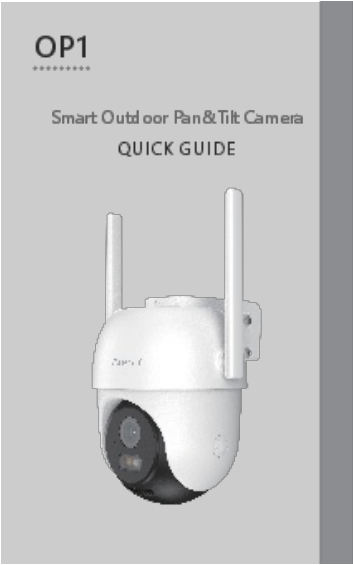
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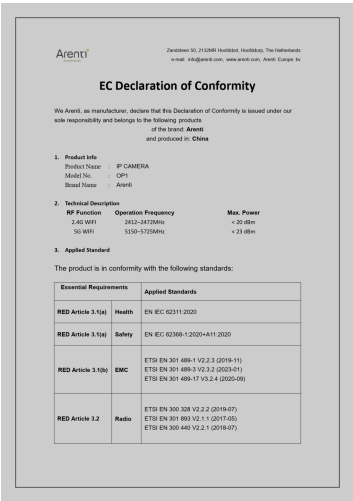
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Quick start guide for the Arenti OP1 Smart Outdoor Pan&Tilt Camera, covering packing list, product description, installation, configuration, specifications, and legal notices. lang:en **score:23** filesize: 8.71 M page_count: 8 document date: 2024-04-23



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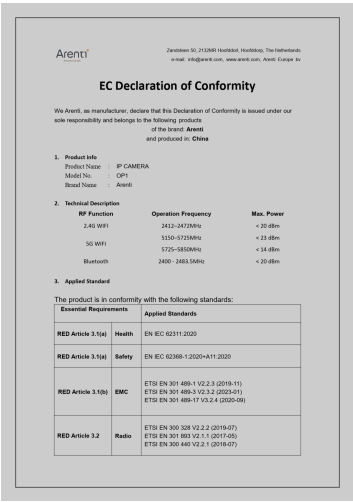


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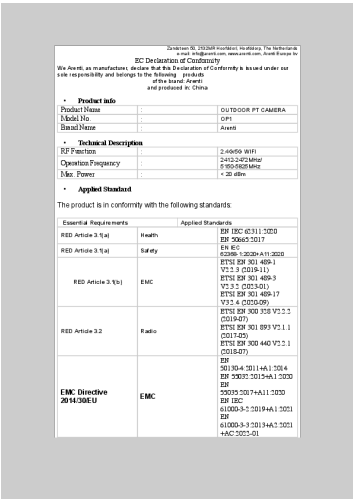


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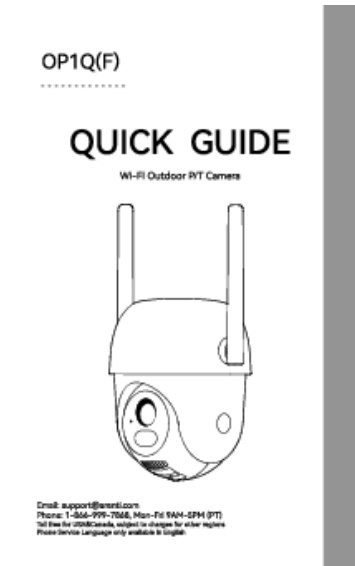


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