

Imou Ranger 2C 2K

Imou 2K Indoor WiFi Camera Ranger 2C User Manual

Model: Ranger 2C 2K | Brand: Imou

1. PRODUCT OVERVIEW

The Imou Ranger 2C 2K is an indoor Wi-Fi security camera designed to provide comprehensive surveillance for your home. It features 2K resolution, smart human detection, motion tracking, two-way audio, and flexible storage options to ensure your peace of mind.



Image 1.1: Imou Ranger 2C 2K camera highlighting its main features including 8x digital zoom, 2K UHD resolution, AI human detection, auto tracking, two-way audio, 2.4GHz WiFi, sound detection, privacy mode, and 360-degree coverage.

2. PACKAGE CONTENTS

Please check the package for the following items:

- 1x Imou Ranger 2C 2K Camera
- 1x Quick Start Guide
- 1x Power Adapter
- 1x Power Cable
- 1x Screw Package for mounting

- 1x Mounting Plate
- 1x Installation Position Map

3. SETUP GUIDE

Follow these steps to set up your Imou Ranger 2C 2K camera:

1. **Download the Imou Life App:** Search for "Imou Life" in your smartphone's app store (iOS or Android) and download the application.
2. **Connect to Wi-Fi:** Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. The camera supports 2.4 GHz Wi-Fi only.
3. **Power On the Camera:** Connect the camera to a power source using the provided power adapter and cable. Wait for the indicator light to flash green, indicating it's ready for setup.
4. **Add Device:** Open the Imou Life app, create an account or log in. Tap the "+" icon to add a new device. Scan the QR code located on the bottom of the camera.
5. **Follow In-App Instructions:** The app will guide you through connecting the camera to your Wi-Fi network and completing the setup process.

Installazione Semplice
1 Minuto!

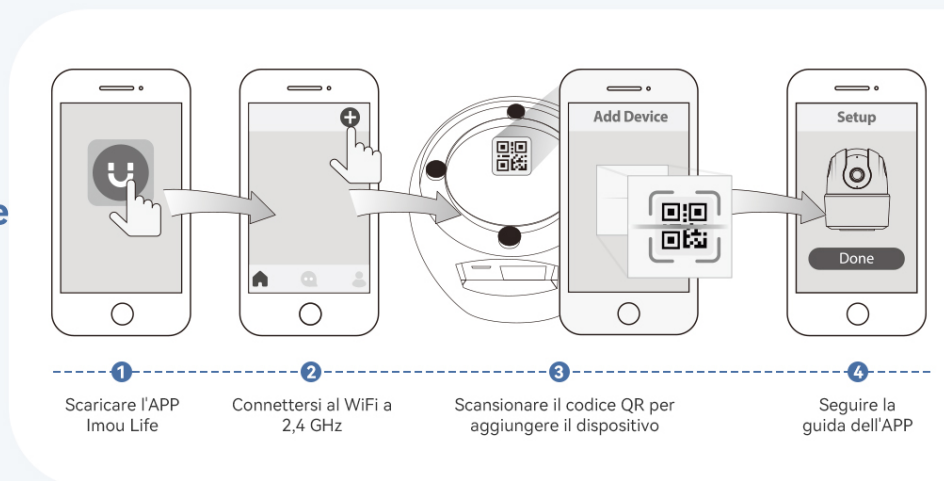


Image 3.1: Visual guide for the simple 1-minute installation process using the Imou Life app.

4. OPERATING INSTRUCTIONS

4.1. AI Human Detection & Siren

The camera uses advanced AI algorithms to distinguish human movement from other objects, reducing false alarms. Upon detecting a human, the camera can activate a loud siren to deter intruders and send instant notifications to your phone.



Image 4.1: The camera's AI human detection and siren feature in action, deterring unwanted visitors with high alarm accuracy.

4.2. Two-Way Audio

With a built-in microphone and high-power speaker, you can communicate with family members or pets remotely through the camera. This allows for clear audio transmission and reception.



Image 4.2: Example of using two-way audio to interact with pets or family members at home.

4.3. 360° Panoramic View & Smart Tracking

The camera offers a 355° horizontal pan and 85° vertical tilt, providing a full 360° coverage of your room. When motion is detected, the camera automatically tracks the movement, ensuring continuous surveillance.



Image 4.3: The camera's 360-degree panoramic view capability, covering an entire room.



Image 4.4: Smart tracking feature demonstrated by following a moving cat.

4.4. Abnormal Sound Alerts

The camera sends instant alerts to your smartphone if it detects abnormal sounds, such as a baby crying or other unusual noises, keeping you informed of what's happening at home.



Image 4.5: An example of an abnormal sound detection notification on a smartphone.

4.5. Privacy Mode

For enhanced privacy, you can activate the privacy mode via the app. This physically hides the camera lens, ensuring no recording or monitoring occurs when you are home and do not wish to be observed.



Image 4.6: The camera's privacy mode, where the lens is physically concealed for user privacy.

4.6. Multi-Device Viewing

The Imou Life app allows you to view feeds from multiple cameras simultaneously, providing a comprehensive overview of different areas of your home.



Image 4.7: Multi-device viewing on the Imou Life app, showing feeds from various cameras.

4.7. Sharing Access

You can share video access with up to 6 family members or friends through the Imou Life app, allowing them to view the live feed and recordings.

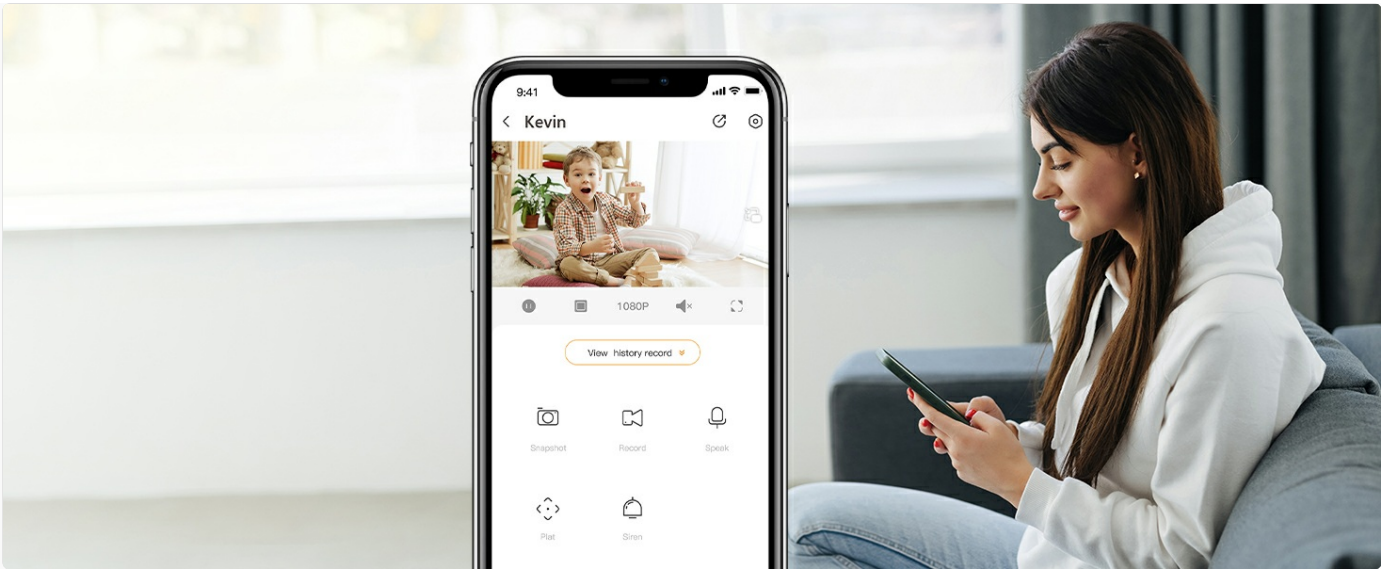


Image 4.8: Sharing baby moments with family through the camera's app.

5. STORAGE OPTIONS

The Imou Ranger 2C 2K offers flexible storage solutions for your video recordings:

- **Local Storage:** Supports Micro SD card storage up to 512GB (card not included). This allows for continuous recording or event-triggered recordings directly on the device.
- **Cloud Storage:** Imou Cloud provides a secure and convenient way to store your recordings. A 30-day free trial is typically included.

Nessun Costo Nascosto

Archiviazione Locale

Fino a
512 GB
Scheda Micro SD
(non inclusa)



Archiviazione in Cloud

**Senza
Spesa per
30 giorni**
Cloud Imou



Image 5.1: Overview of local Micro SD card storage and Imou Cloud storage options.

6. SPECIFICATIONS

Feature	Detail
Model Name	Ranger 2C 2K
Resolution	2K (3MP, 2304x1296p)
Frame Rate	25 fps

Field of View (Lens)	115 Degrees
Pan/Tilt Range	Pan 355°, Tilt 85° (360° Coverage)
Zoom	8x Digital Zoom
Night Vision Range	10 Meters (Infrared)
Connectivity	Wi-Fi (2.4 GHz)
Audio	Two-Way Audio (Built-in Mic & Speaker)
Storage	Micro SD Card (up to 512GB), Cloud Storage
Power Source	Corded Electric (5V, 5W)
Control Method	Imou Life App, Amazon Alexa
Dimensions	7.7 x 7.7 x 10.7 cm
Weight	219 Grams
Material	Plastic
Usage Environment	Indoor Use Only, Not Water Resistant

7. MAINTENANCE

To ensure optimal performance and longevity of your Imou Ranger 2C 2K camera, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could scratch the lens or housing.
- **Firmware Updates:** Regularly check the Imou Life app for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features, security patches, and performance improvements.
- **Power Supply:** Use only the original power adapter and cable provided with the camera. Ensure the power connection is secure and free from damage.
- **Placement:** Place the camera in a stable location, away from direct sunlight, heat sources, and areas with high humidity. Ensure it is within range of your Wi-Fi router for a stable connection.
- **Micro SD Card:** If using a Micro SD card, periodically check its status through the app. Consider formatting the card every few months to maintain performance, backing up any important recordings first.

8. TROUBLESHOOTING

If you encounter issues with your Imou Ranger 2C 2K camera, refer to the following common troubleshooting steps:

Problem	Solution
Camera offline	◦ Check Wi-Fi signal strength. ◦ Restart the camera by unplugging and re-plugging the power. ◦ Ensure your router is working correctly. ◦ If recently changed Wi-Fi settings, reconfigure the camera via the app.

Cannot connect to Wi-Fi	◦ Ensure your Wi-Fi is 2.4 GHz. 5 GHz networks are not supported. ◦ Verify the Wi-Fi password is correct. ◦ Move the camera closer to the router. ◦ Reset the camera (refer to the quick start guide for reset instructions) and try setup again.
Poor video quality	◦ Check your internet connection speed. ◦ Ensure the camera lens is clean. ◦ Adjust video resolution settings in the Imou Life app.
False motion alerts	◦ Adjust motion detection sensitivity in the app. ◦ Set up detection zones to exclude areas with frequent non-human movement (e.g., curtains, pets). ◦ Ensure the camera is not facing windows or reflective surfaces.
Two-way audio not working	◦ Ensure microphone and speaker permissions are enabled for the Imou Life app on your phone. ◦ Check volume settings on both your phone and within the app. ◦ Ensure there are no obstructions blocking the camera's microphone or speaker.

For further assistance, please contact Imou customer support.

9. WARRANTY AND SUPPORT

Imou products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Imou website for detailed warranty terms and conditions specific to your region. For technical support, product inquiries, or warranty claims, please contact Imou customer service through their official website or the Imou Life app. Keep your purchase receipt and product serial number handy when contacting support.

Online Resources:

- Official Imou Website: www.imoulife.com
- Imou Life App: Available on iOS App Store and Google Play Store

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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