

Imou IPC-S2XP-8M0WED

Imou Ranger Dual 8MP (5MP+3MP) Indoor WiFi Security Camera User Manual

Model: IPC-S2XP-8M0WED

1. PRODUCT OVERVIEW

The Imou Ranger Dual 8MP (5MP+3MP) Indoor WiFi Security Camera offers comprehensive surveillance with its innovative dual-lens design. It combines a fixed lens for continuous monitoring of critical areas and a 360° pan-tilt lens for broader coverage. Equipped with advanced AI detection and automatic tracking, this camera provides reliable indoor security.



Image: The Imou Ranger Dual 8MP camera shown alongside a smartphone displaying its dual-view interface, with a 3K PTZ view and a 2K fixed view.

Key Features:

- **Dual-Lens System:** Features a fixed lens for static monitoring and a 360° pan-tilt lens for dynamic area coverage, eliminating blind spots.
- **AI Detection & Auto Tracking:** Accurately detects humans, pets, and abnormal sounds, reducing false alarms. The camera automatically tracks detected movement.
- **8MP Ultra HD & Color Night Vision:** Combines a 3MP fixed lens and a 5MP pan-tilt lens for a total 8MP resolution. Offers up to 15 meters of clear color night vision.
- **Two-Way Audio & Alarms:** Built-in microphone and speaker enable clear two-way communication. Sound and light alarms can deter unwanted visitors.
- **Privacy Mode:** Physically conceals the camera lens with a single tap in the app to ensure privacy.
- **Flexible Storage:** Supports Micro SD card (up to 256GB, not included), NVR, Cloud storage, RTSP, and Onvif.
- **Smart Home Integration:** Compatible with Amazon Alexa for voice control and live view.



Image: An illustration of the Imou Ranger Dual camera highlighting its two lenses and their respective fields of view, emphasizing no blind spots.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Imou Ranger Dual 8MP Camera
- Power Adapter
- Mounting Plate
- Mounting Screws and Wall Plugs
- Quick Start Guide
- Installation Position Map

3. SETUP GUIDE

3.1 Initial Setup

1. **Power On:** Connect the camera to a power outlet using the provided power adapter. The camera will power on and its indicator light will flash.
2. **Download Imou Life App:** Search for 'Imou Life' in your mobile app store (App Store for iOS or Google Play Store for Android) and download the application.
3. **Create Account:** Open the Imou Life app and follow the on-screen instructions to create a new account or log in to an existing one.
4. **Add Device:** Tap the '+' icon in the top right corner of the app to add your camera. Scan the QR code located on the camera or its packaging.
5. **Connect to Wi-Fi:** Follow the app's instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your Wi-Fi password is correct.
6. **Placement:** Position the camera in your desired indoor location. It can be placed on a flat surface or mounted to a wall/ceiling using the included mounting plate and screws.

3.2 Mounting Instructions

For optimal performance, choose a location that provides a clear view of the area you wish to monitor and is within range of your Wi-Fi signal.

1. **Select Location:** Identify a suitable indoor wall or ceiling for mounting.
2. **Mark Drilling Points:** Use the provided installation position map to mark the screw holes on the surface.
3. **Drill Holes:** Drill holes at the marked positions and insert the wall plugs if necessary.
4. **Attach Mounting Plate:** Secure the mounting plate to the wall/ceiling using the screws.
5. **Attach Camera:** Align the camera with the mounting plate and twist it to lock it into place.

4. OPERATING INSTRUCTIONS

The Imou Ranger Dual camera is controlled primarily through the Imou Life mobile application.

4.1 Live View & Playback

- Open the Imou Life app and select your camera from the device list to access the live view.
- You can switch between the fixed lens view and the pan-tilt lens view.
- Use the on-screen controls to pan (horizontal) and tilt (vertical) the movable lens.
- Access recorded footage via the playback function, available if a Micro SD card or cloud storage is active.

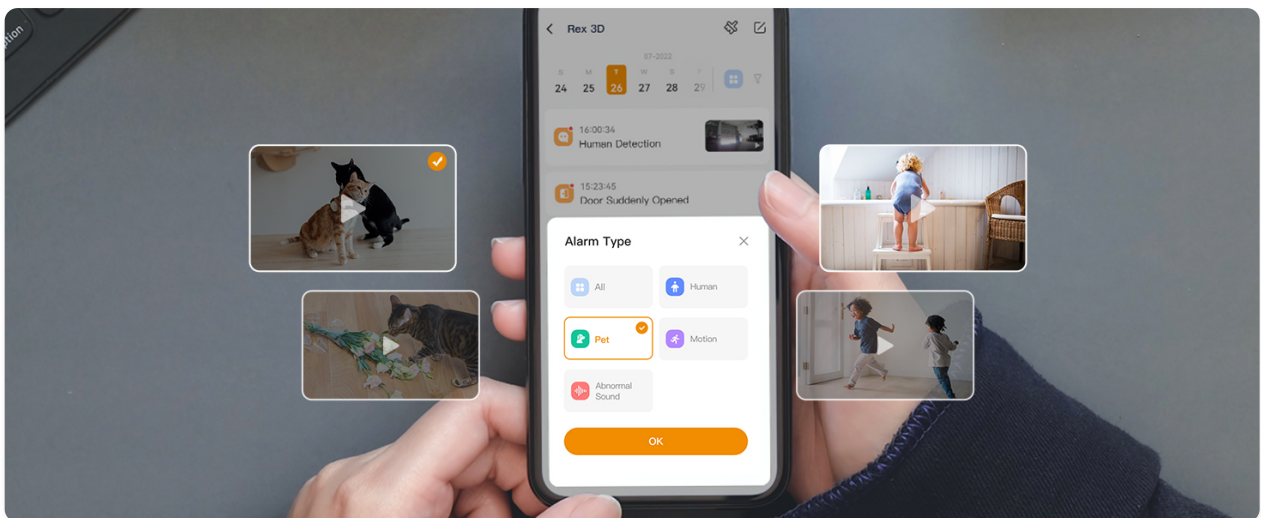


Image: A smartphone screen showing four simultaneous live camera feeds, demonstrating the multi-view capability.

4.2 AI Detection & Tracking

- **Enable Detection:** In the app settings, navigate to 'Detection Settings' to enable Human Detection, Pet Detection, and Abnormal Sound Detection.
- **Adjust Sensitivity:** Customize detection sensitivity levels to minimize false alarms.
- **Auto Tracking:** When enabled, the pan-tilt lens will automatically follow detected human or pet movement within its field of view.
- **Notifications:** Receive instant alerts on your smartphone when an event is detected.

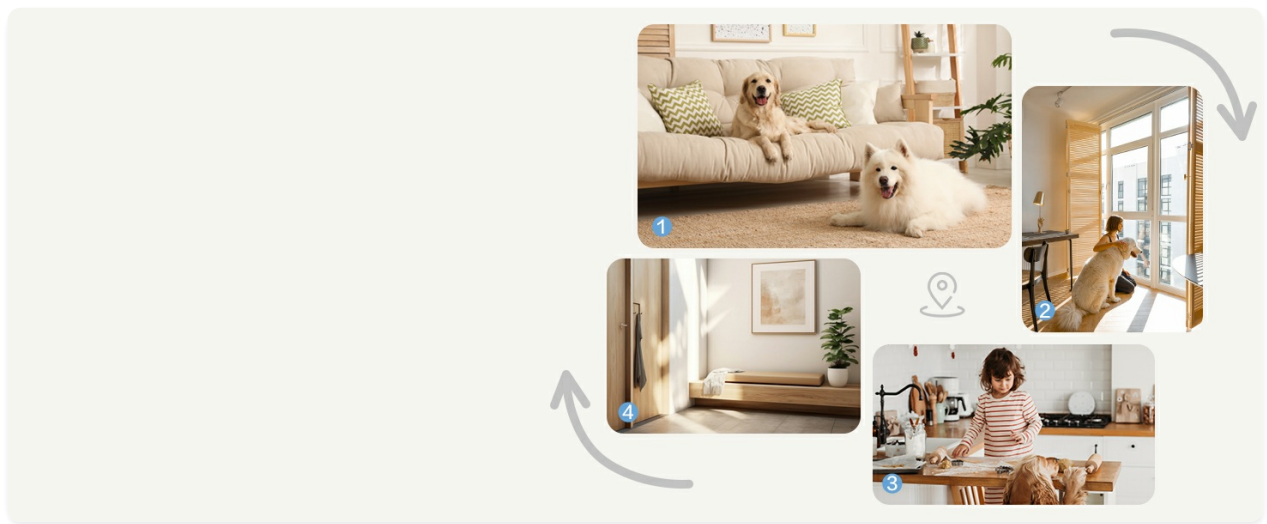


Image: An image illustrating the camera's AI detection capabilities, showing a child and a dog with detection boxes around them, indicating auto-tracking.

4.3 Two-Way Audio

- During live view, tap the microphone icon in the app to speak through the camera's speaker.
- The camera's built-in microphone will pick up audio from the camera's location.

4.4 Privacy Mode

- To activate Privacy Mode, tap the designated icon in the Imou Life app. The camera lens will physically rotate downwards, blocking its view and ensuring privacy.
- Tap the icon again to deactivate Privacy Mode.

Protection en Mode Privé



Image: The Imou Ranger Dual camera with its lens rotating downwards, indicating the activation of privacy mode.

5. MAINTENANCE

5.1 Cleaning

- Ensure the camera is powered off before cleaning.
- Use a soft, dry cloth to wipe the camera body.
- For the lens, use a lens cleaning cloth specifically designed for optical surfaces. Avoid abrasive materials or harsh chemicals.

5.2 Firmware Updates

- Regularly check for firmware updates through the Imou Life app. Updates often include performance improvements and security enhancements.
- Follow the in-app instructions to perform firmware updates. Ensure the camera remains powered on and connected to Wi-Fi during the update process.

6. TROUBLESHOOTING

6.1 Camera Offline

- **Check Power:** Ensure the camera is properly connected to a power source and the adapter is functioning.
- **Check Wi-Fi:** Verify your Wi-Fi network is active and the camera is within range. Restart your router if necessary.
- **Re-add Device:** If issues persist, try removing the device from the Imou Life app and re-adding it.

6.2 Poor Image Quality

- **Clean Lens:** Gently clean the camera lens with a soft, dry cloth.
- **Check Network:** Ensure a stable internet connection for optimal streaming quality.
- **Lighting:** Adjust camera placement to avoid direct glare or insufficient lighting.

6.3 False Alarms

- **Adjust Sensitivity:** In the app's detection settings, reduce the sensitivity for human, pet, or sound detection.
- **Detection Zones:** Configure specific detection zones to monitor only relevant areas and exclude high-traffic zones.

7. SPECIFICATIONS




| Feature | Detail |
|---------------------|---|
| Brand | Imou |
| Model Name | Ranger Dual 8MP |
| Model Number | IPC-S2XP-8M0WED |
| Resolution | 8MP (3MP Fixed Lens + 5MP Pan-Tilt Lens) |
| Wireless Technology | Wi-Fi |
| Voltage | 5 Volts |
| Night Vision Range | 10 Meters |
| Special Features | Two-way audio, Dual lens, Human/pet detection, Privacy protection, Night vision |



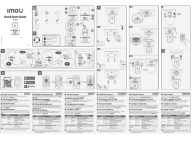
| Feature | Detail |
|--------------------|--------------------|
| Usage | Indoor Security |
| Compatible Devices | Smartphone |
| Power Source | Electric cable |
| Mounting Type | Wall mount bracket |
| Material | Plastic |
| Package Dimensions | 19.6 x 10 x 10 cm |
| Package Weight | 470 grams |

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Imou website. For technical support, frequently asked questions, and further assistance, please utilize the 'Help' section within the Imou Life application or visit the Imou support portal online.

Related Documents - IPC-S2XP-8M0WED

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|---|---|
|  | <p>Imou Ranger Dual IP Security Camera: User Manual & Quick Start Guide</p> <p>Comprehensive guide for the Imou Ranger Dual IP security camera, detailing setup, features like AI detection and 360° coverage, app usage, and specifications for home security.</p> |
|  | <p>Imou Ranger 2 Dual 8MP Camera: Features, Specifications, and Overview</p> <p>Explore the Imou Ranger 2 Dual 8MP, a high-resolution H.265 Wi-Fi PT camera featuring dual lenses for comprehensive home monitoring. This smart camera offers advanced features like Human/Pet Detection, Smart Tracking, Auto-cruise, and Full-Color Night Vision, ensuring enhanced security and convenience. Learn about its specifications, connectivity, and what's included in the box.</p> |
|  | <p>Imou Ranger Dual 10MP Camera: Features, Specifications, and Package Contents</p> <p>Comprehensive overview of the Imou Ranger Dual 10MP camera, detailing its dual-lens system, AI detection capabilities, night vision modes, storage options, network connectivity, and technical specifications. Includes a list of items included in the box.</p> |

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|  <p>Imou Ranger Mini 3MP Integrated Bracket Indoor Camera</p> <p>360° Coverage Human Detection Smart Tracking Night Vision Easy Installation Versatile Storage Options</p> <p>Stay close with what you care</p> | <p>Imou Ranger Mini 3MP: 2K Indoor Security Camera with Smart Features</p> <p>Discover the Imou Ranger Mini 3MP, a 2K indoor security camera offering 360° coverage, Human Detection, Smart Tracking, and night vision. Easy installation and versatile storage options.</p> |
|  <p>Imou Ranger 2C 5MP (-H2) 5MP H.265 Wi-Fi Pan & Tilt Camera</p> <p>360° Coverage Human Detection Smart Tracking Night Vision Easy Installation Versatile Storage Options</p> <p>Stay close with what you care</p> | <p>Imou Ranger 2C 5MP (-H2) Wi-Fi Pan & Tilt Security Camera Datasheet</p> <p>Detailed specifications, features, and contents of the Imou Ranger 2C 5MP (-H2) camera, a 5MP H.265 Wi-Fi Pan & Tilt security camera with advanced detection and storage options.</p> |
|  | <p>Imou Ranger Dual 6MP Quick Start Guide</p> <p>Concise guide to setting up and installing the Imou Ranger Dual 6MP Wi-Fi security camera, including power, app connection, and mounting instructions.</p> |