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Imou CellPTFSP12

Imou Cell PT Kit Security Camera User Manual

Model: CellPTFSP12

PRODUCT OVERVIEW

The Imou Cell PT Kit is a comprehensive outdoor security solution featuring a 2K/3MP Pan & Tilt Smart Wi-Fi rechargeable battery camera paired with a solar panel for continuous power. This system is designed to provide robust surveillance with advanced detection capabilities and active deterrence features, ensuring your property is monitored effectively day and night.





Figure 1: Imou Cell PT Kit, showing the camera and solar panel assembly.

PACKAGE CONTENTS

Upon unboxing, please verify that all components are present and in good condition. The standard package for the Imou Cell PT Kit typically includes:

- Imou Cell PT Security Camera (1 unit)
- Solar Panel (1 unit)
- Mounting Bracket and Screws
- USB Charging Cable
- Quick Start Guide
- Positioning Map

SETUP GUIDE

1. Charging the Camera

Before initial use, fully charge the camera's built-in battery using the provided USB cable. Connect the cable to the camera's charging port and a standard 5V USB power adapter (not included). A full charge ensures optimal performance and allows the solar panel to maintain the charge effectively.

2. App Installation and Account Creation

Download the **Imou Life** app from your mobile device's app store (iOS App Store or Google Play Store). Register for a new

account or log in if you already have one. The app is essential for configuring, controlling, and monitoring your camera.

3. Camera Pairing with App

1. Open the Imou Life app and tap the "+" icon to add a new device.
2. Scan the QR code located on the camera or its packaging.
3. Follow the on-screen prompts to connect the camera to your 2.4GHz Wi-Fi network. Ensure your Wi-Fi signal is strong at the installation location.
4. Once connected, you can name your device and set up initial preferences.

4. Physical Installation

Select a suitable outdoor location for installation. Consider areas with clear views, good Wi-Fi signal, and direct sunlight exposure for the solar panel. The camera is IP66 weatherproof, suitable for various outdoor conditions.

- **Mounting the Camera:** Use the provided mounting bracket and screws to securely attach the camera to a wall or ceiling. Ensure it is mounted at a height that provides optimal coverage and detection.
- **Mounting the Solar Panel:** Position the solar panel in an area that receives maximum direct sunlight throughout the day. Connect the solar panel cable to the camera's charging port. The solar panel is designed to continuously charge the camera's battery.

Professional protection to weather any storm



Figure 2: The Imou Cell PT Kit installed outdoors, showcasing its weather-resistant design and solar panel integration.

More efficient PIR human detection



Figure 3: Illustration of the camera's PIR and human detection capabilities, showing a person being detected in the surveillance area.

OPERATING THE CAMERA

1. Live View and Playback

Access the Imou Life app to view live footage from your camera. You can also review recorded events from the timeline. The camera supports local storage via a Micro SD card (up to 256GB, not included) and optional cloud storage.

2. Pan & Tilt Control

The camera offers a 330° horizontal pan and 90° vertical tilt, allowing you to adjust the viewing angle remotely via the app. This provides comprehensive coverage of your surveillance area.

Panoramic pan & tilt for 360° protection



Figure 4: Visual representation of the camera's 360-degree panoramic pan and tilt capabilities for comprehensive area coverage.

3. Night Vision Modes

The Imou Cell PT Kit features advanced night vision up to 20 meters, with multiple modes configurable in the app:

- **Smart Mode:** Automatically switches between infrared and full-color night vision based on detected motion.
- **Full-color Mode:** Utilizes the integrated spotlight to provide full-color video even in low-light conditions.
- **Infrared Mode:** Standard black and white night vision using infrared LEDs.
- **Off Mode:** Disables night vision.

Light the night up with smartness

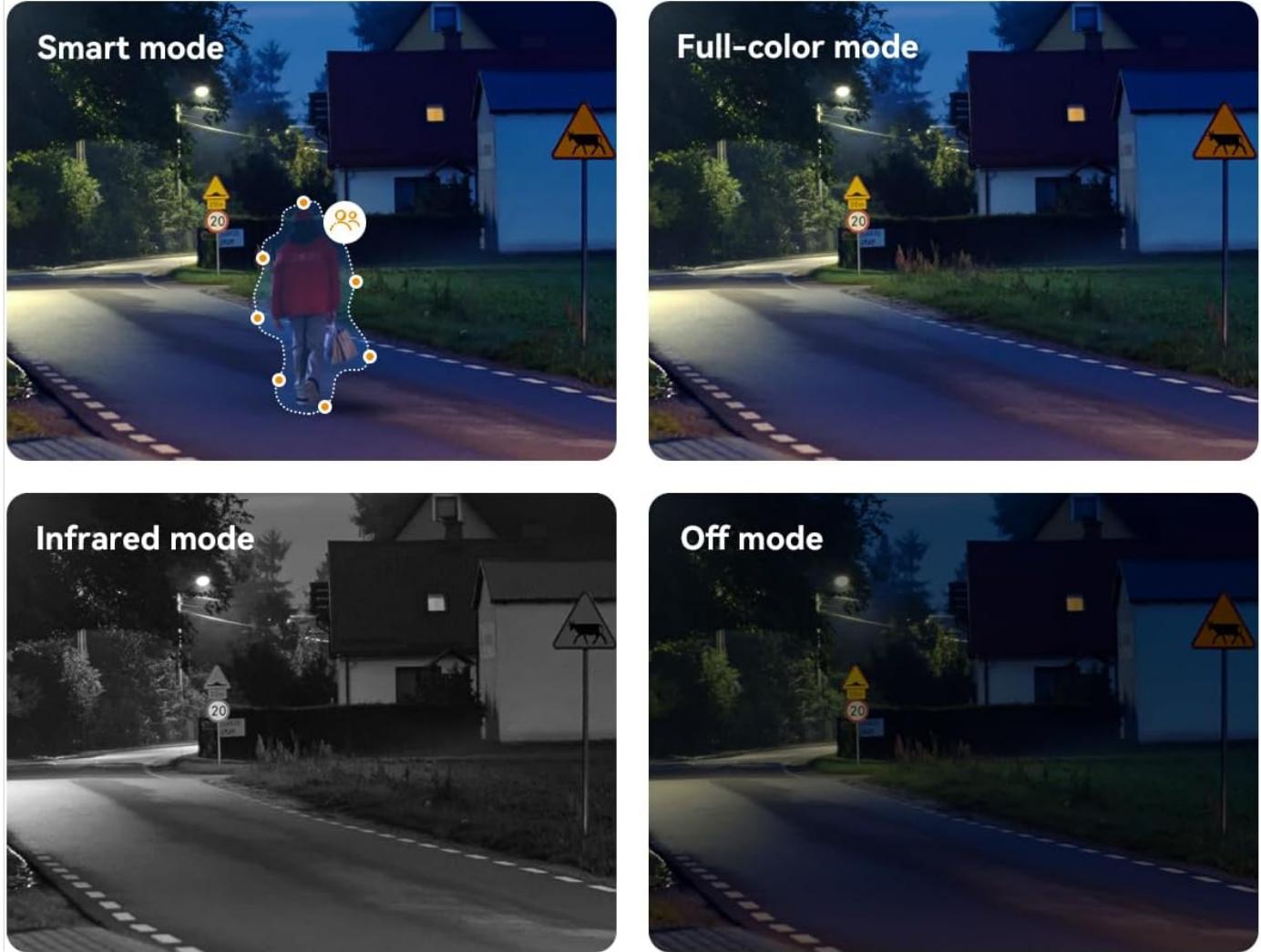


Figure 5: Comparison of the different night vision modes available on the Imou Cell PT Kit, including Smart, Full-color, Infrared, and Off modes.

4. Motion Detection and Active Deterrence

The camera employs PIR and human detection technology to accurately identify motion and reduce false alerts. When motion is detected, you will receive instant notifications on your smartphone. For active deterrence, the camera can activate a 110dB siren and an integrated spotlight to deter intruders.

MAINTENANCE

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust and dirt. Ensure the solar panel is clean for efficient charging.
- **Firmware Updates:** Regularly check for and install firmware updates via the Imou Life app. Updates often include performance improvements, new features, and security enhancements.
- **Battery Health:** While the solar panel provides continuous charging, ensure the camera receives adequate sunlight. If the camera is in a shaded area for extended periods, consider manually charging it via USB to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline	Weak Wi-Fi signal, power issue, network change.	Check Wi-Fi signal strength; ensure camera is charged; restart camera and router; re-pair camera with app if network changed.
No motion detection alerts	Detection sensitivity too low, incorrect detection zone, app notifications disabled.	Adjust detection sensitivity in app; configure detection zones; enable app notifications for Imou Life.
Poor image quality	Dirty lens, low light, network bandwidth.	Clean the camera lens; ensure adequate lighting or proper night vision mode; check network speed.
Solar panel not charging	Insufficient sunlight, dirty panel, faulty connection.	Relocate panel to receive more direct sunlight; clean the panel surface; ensure cable is securely connected.

If you encounter persistent issues, please refer to the Imou Life app's help section or visit the official Imou support website for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	CellPTFSP12
Video Resolution	2K/3MP (2304 x 1296 pixels)
Pan & Tilt Range	Pan 330°, Tilt 90°
Night Vision Distance	Up to 20 meters
Power Source	Solar Powered, Battery Powered (1 Lithium Ion battery included)
Connectivity	Wi-Fi (2.4GHz)
Storage Options	Micro SD card (up to 256GB), Cloud Storage
Weather Resistance	IP66 Certified
Dimensions (L x W x H)	17.7 x 11 x 14.2 cm
Item Weight	718 g
Special Features	PIR & Human Detection, Active Deterrence (Siren & Spotlight)

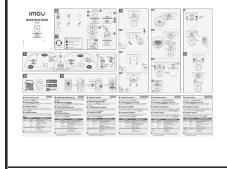
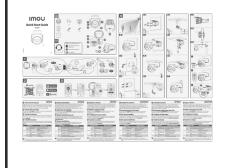
WARRANTY AND SUPPORT

Specific warranty details for the Imou Cell PT Kit are typically provided with the product packaging or available on the official Imou website. Please retain your proof of purchase for warranty claims.

For technical support, product inquiries, or warranty service, please visit the official Imou support portal or contact their customer service directly. Up-to-date contact information and FAQs can usually be found on the Imou website:

www.imoulife.com

Related Documents - CellPTFSP12

	<p>Imou Quick Start Guide: Setting Up Your Ranger Mini Camera</p> <p>A concise guide to setting up and connecting your Imou Ranger Mini Wi-Fi camera using the Imou Life App. Learn how to scan QR codes, add devices, and configure network settings.</p>
	<p>Imou Cell 3C 5MP Wi-Fi Security Camera with Solar Panel</p> <p>Imou Cell 3C is a 100% wire-free, rechargeable 5MP Wi-Fi security camera with a 3W solar panel, offering full-color night vision, two-way talk, and IP66 weather resistance. Features include motion detection, privacy mode, and flexible 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>
	<p>Imou Cell PT Security Camera Quick Start Guide</p> <p>A comprehensive guide to setting up and installing the Imou Cell PT Wi-Fi Battery Camera, including app integration, LED status indicators, and mounting instructions.</p>
	<p>Imou Rex VT 5MP Wi-Fi Pan & Tilt Camera: Features and Specifications</p> <p>Detailed information about the Imou Rex VT 5MP Wi-Fi Pan & Tilt Camera, including its 5MP/3K resolution, pan and tilt capabilities, two-way talk, AI detection, privacy mode, and storage options.</p>
	<p>Imou Ranger 2C 3MP-H1: 3MP Wi-Fi Pan & Tilt Security Camera</p> <p>Discover the Imou Ranger 2C 3MP-H1, a 3MP Wi-Fi Pan & Tilt security camera with Human Detection, Smart Tracking, two-way talk, and diversified storage options for comprehensive home monitoring.</p>