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› [Imou](#) /

› [Imou 2.5K WiFi Camera Indoor Pet Dog Camera 4MP, 360° Home Security Wireless IP Baby Camera, Human Detection AI, Smart Tracking, Siren, 10m Night Vision, 2-Way Audio, Privacy Mode, Works with Alexa 2C 4MP](#)

Imou IPC-TA42N-B

Imou 2.5K WiFi Camera Indoor Pet Dog Camera 4MP - User Manual

Model: IPC-TA42N-B

PRODUCT OVERVIEW

The Imou 2.5K WiFi Camera is a versatile indoor security camera designed for monitoring pets, babies, or general home security. It features 4MP resolution for clear video, 360° pan/tilt capabilities, advanced human and sound detection, smart tracking, two-way audio, and a privacy mode.



Image: Front view of the Imou 2.5K WiFi Camera with a smartphone displaying a live feed of a dog.

WHAT'S IN THE Box

- Imou 2.5K WiFi Camera
- Quick Setup Guide
- Power Adapter (USB)

Note: Micro SD card not included.

KEY FEATURES

- **2.5K Resolution & Night Vision:** 4MP (2560 x 1440) video quality with superior night vision up to 33 ft.

- **Remote 360° View & 2-Way Audio:** 0~355° horizontal & -5~80° vertical rotation via Imou Life app. Built-in speaker and microphone for two-way communication.
- **Human & Sound Detection:** AI-powered detection distinguishes human motion from animals, sends instant notifications for abnormal sounds (baby crying, dog barking). Adjustable detection region and sensitivity.
- **Smart Tracking:** One-click smart tracking to follow moving people or objects, recording real-time videos and sending alerts.
- **Safe & Optional Storage:** GDPR compliant. Supports Micro SD card (max 256GB), Imou Cloud, or network video recorder. Privacy mode to hide the camera lens.



Image: The Imou camera demonstrating its 360-degree pan and tilt capabilities, controlled via a smartphone app.

SETUP GUIDE

1. Download Imou Life App

Download the "Imou Life" app from your smartphone's app store (Google Play or Apple App Store).

2. Register an Account

Open the app and register a new account. This process is quick and typically takes about one minute.

3. Power On the Camera

Connect the camera to a power source using the provided USB cable and adapter. Ensure the camera LED is flashing green slowly, indicating it's ready for setup.

4. Add Device

In the Imou Life app, tap the "Add" button (usually a '+' icon). Select "Scan QR code" and scan the QR code located on the bottom of the camera.

5. Connect to Wi-Fi

The camera supports 2.4GHz Wi-Fi networks only. Enter your Wi-Fi password when prompted. The device will then connect to the cloud.

6. Placement and Naming

Once connected, you can specify the camera's location (e.g., Living Room) and customize its name.

Your browser does not support the video tag.

Video: A step-by-step guide demonstrating the easy setup process for the Imou 4MP Indoor Camera using the Imou Life app.

OPERATING INSTRUCTIONS

Live View and Control

Access the live feed from your camera through the Imou Life app. You can switch between HD and SD quality for optimal viewing based on your network conditions.

Multi-device view and sharing



Image: A smartphone screen showing multiple live camera feeds, demonstrating the multi-device viewing capability of the Imou Life app.

Pan and Tilt Control

Use the on-screen controls in the app to remotely pan (0-355°) and tilt (-5-80°) the camera lens, allowing you to view every corner of your room.

Your browser does not support the video tag.

Video: Demonstrates the pan and tilt functionality of the Imou Ranger 2C 4MP camera, controlled via the mobile application.

Two-Way Audio

The built-in speaker and microphone enable two-way communication. Tap the microphone icon in the app to speak through the camera, or listen to audio from the camera's environment.

Detection Settings

Customize detection settings within the app:

- **Motion Detection:** Enable or disable general motion alerts.
- **Human Detection:** Activate AI-powered detection to specifically identify human figures, reducing false alarms.
- **Sound Detection:** Receive alerts for abnormal sounds like baby crying or dog barking.
- **Smart Tracking:** Enable this feature for the camera to automatically follow detected motion.
- **Detection Schedule:** Set specific times for detection to be active.
- **Motion Sensitivity:** Adjust the sensitivity level of motion detection.



Image: Illustrates the human detection feature, showing a notification on a smartphone when a child is detected by the camera.

Authoritative media

TECH ADVISOR

By Matt Egan, Global Editorial Director 

The Imou Ranger 2 is a portable indoor security camera that is simple to set up and use, and delivers quality video that tracks its subjects.

ZDNet

By Mary Branscombe 

If you're at home and don't want to be recorded, you can turn on 'camera shielding' which swivels the lens down into the base.

Image: Depicts the smart tracking feature, with the camera following a child as they move across a room.

Your browser does not support the video tag.

Video: A demonstration of the app settings for the Imou Ranger 2C 4MP Indoor Camera, including detection and privacy options.

Privacy Mode

To temporarily disable recording and hide the camera lens for privacy, activate "Privacy Mode" in the app settings. The camera lens will physically retract.



Image: The Imou camera with its lens retracted in privacy mode, controlled via a toggle in the smartphone app.

Siren

The camera is equipped with a siren feature to deter intruders. This can be activated manually or set to trigger upon detection.

Scare the Unwelcomed Away



Image: An illustration showing the Imou camera activating its siren and sending a notification to a smartphone upon detecting an intruder.

STORAGE OPTIONS

The Imou 2.5K WiFi Camera offers flexible storage solutions for your recordings:

- **Micro SD Card:** Supports up to 256GB (card not included). Recordings are stored locally.
- **Imou Cloud:** Offers a free 30-day trial for new devices, with subscription plans available for extended cloud storage.
- **Network Video Recorder (NVR):** Compatible with NVR systems for continuous recording and centralized management.

Safe and Flexible Storage



SD Card



Cloud Storage



NVR

Image: Visual representation of the various storage options available for the Imou camera, including SD card, cloud storage, and NVR.

MAINTENANCE

Cleaning

Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.

Firmware Updates

Regularly check the Imou Life app for firmware updates to ensure optimal performance and access to the latest features and security enhancements.

TROUBLESHOOTING

Connectivity Issues

- Ensure your Wi-Fi network is 2.4GHz.
- Check the camera's power connection and LED indicator.
- Restart your Wi-Fi router and the camera.
- Verify your Wi-Fi password in the app.

Poor Video Quality

- Switch to HD resolution in the app if currently on SD.
- Check your internet connection speed.
- Ensure the camera lens is clean.

False Alarms

- Adjust motion sensitivity in the app settings.
- Utilize human detection to filter out non-human movements.
- Set up activity zones to monitor specific areas.

SPECIFICATIONS

Feature	Detail
Model Number	IPC-TA42N-B
Video Resolution	4 MP (2560 x 1440)
Pan Range	0° to 355°
Tilt Range	-5° to 80°
Night Vision Range	Up to 33 Feet
Connectivity	Wi-Fi (2.4GHz only)
Storage Options	Micro SD (max 256GB), Cloud, NVR
Two-Way Audio	Yes
Dimensions (L x W x H)	3.04 x 3.04 x 4.17 inches
Item Weight	7.7 ounces

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Imou website or the user guide PDF available at: [Imou User Guide \(PDF\)](#).

Imou products comply with GDPR Data Protection Regulation.

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Related Documents - IPC-TA42N-B

	<p>Imou Cell 2 Quick Start Guide</p> <p>A concise guide to setting up and using the Imou Cell 2 security camera, covering app download, account creation, device connection, and power-on procedures.</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>Amcrest ASH21 1080P Wi-Fi Pan/Tilt Camera Quick Setup Guide</p> <p>A concise guide to setting up and using the Amcrest ASH21 1080P Wi-Fi Pan/Tilt Camera, covering app connection, setup methods, and key features like Baby Monitor, Smart Tracking, and Motion Detection.</p>
	<p>Imou Cell 3C All in One: 3MP Wi-Fi Battery Camera with Solar Panel</p> <p>Discover the Imou Cell 3C All in One, a 3MP H.265 Wi-Fi battery camera with a 2.2W solar panel for continuous power. Features 2K resolution, IP66 weatherproofing, smart night vision, two-way talk, and flexible storage options.</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>



[Rex VT Pro 5MP 3K Wi-Fi Pan & Tilt Security Camera | Imou](#)

Explore the Imou Rex VT Pro, a 5MP/3K Wi-Fi Pan & Tilt security camera featuring 360° coverage, AI detection for humans and pets, two-way audio, active deterrence with a siren, privacy mode, smart tracking, and versatile storage options for comprehensive home monitoring.

Documents - Imou – IPC-TA42N-B

Hangzhou Hucheng Network Technology Co., Ltd.									
Current Date : 2021.06.06									
To: SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. No. 588 West Jindu Road, Songjiang District, Shanghai, China, 201612									
Dear Sir/Madam: Subject: Declaration Letter about Identity of Products									
"WE (Hangzhou Hucheng Network Technology Co., Ltd.) HERBY DECLARED THAT									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Product Description</td> <td style="width: 70%;">CONSUME 1.0 CAMERA</td> </tr> <tr> <td>Model No.</td> <td>IPC-TA42P-B (W)</td> </tr> <tr> <td>Manufacturer's Name</td> <td>Hangzhou Hucheng Network Technology Co., Ltd.</td> </tr> <tr> <td>Manufacturer's Address</td> <td>No.2930, Nanhui Road, Binhai District, Hangzhou, China</td> </tr> </table>		Product Description	CONSUME 1.0 CAMERA	Model No.	IPC-TA42P-B (W)	Manufacturer's Name	Hangzhou Hucheng Network Technology Co., Ltd.	Manufacturer's Address	No.2930, Nanhui Road, Binhai District, Hangzhou, China
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Manufacturer's Address	No.2930, Nanhui Road, Binhai District, Hangzhou, China								
<p>"Except that the model number, trade name and address(s) given, are identical with the original product as follows:</p> <p>Note: The definition of identical should be "electrically identical". A device will be considered to be electrically identical if no changes are made to the device's schematics, board layouts, component layouts, chip sets, resistors and all other electrical aspects of the device are identical.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Model No. (型号):</td> <td style="width: 70%;">IPC-TA42P-B</td> </tr> <tr> <td>Manufacturer's Name (厂商名称):</td> <td>Hangzhou Hucheng Network Technology Co., Ltd.</td> </tr> <tr> <td>Manufacturer's Address (厂商地址):</td> <td>No.2930, Nanhui Road, Binhai District, Hangzhou, China</td> </tr> </table>		Model No. (型号):	IPC-TA42P-B	Manufacturer's Name (厂商名称):	Hangzhou Hucheng Network Technology Co., Ltd.	Manufacturer's Address (厂商地址):	No.2930, Nanhui Road, Binhai District, Hangzhou, China		
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Manufacturer's Address (厂商地址):	No.2930, Nanhui Road, Binhai District, Hangzhou, China								
Sincerely,									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Signature (签名):</td> <td style="width: 50%; text-align: center;">[Signature]</td> </tr> <tr> <td>Printed Name (姓名):</td> <td>JianLi</td> </tr> <tr> <td>Position/Title (职位/头衔):</td> <td>Certification Manager</td> </tr> <tr> <td>Contact Number (联系电话):</td> <td>0571 28820205</td> </tr> </table>		Signature (签名):	[Signature]	Printed Name (姓名):	JianLi	Position/Title (职位/头衔):	Certification Manager	Contact Number (联系电话):	0571 28820205
Signature (签名):	[Signature]								
Printed Name (姓名):	JianLi								
Position/Title (职位/头衔):	Certification Manager								
Contact Number (联系电话):	0571 28820205								

[\[pdf\]](#) Declaration of Conformity

Declaration about Identity of Products jim xu MCL Hangzhou Huacheng Network Technology Co Ltd IPC
TA4X B CONSUMER CAMERA 2AVYF 2AVYFIPCTA4XB ipc ta4x b

Hangzhou Huacheng Network Technology Co., Ltd.. Current Date : 2021-05-06 To:
SGS-CSTC Standards Tec ... Description Model No. Manufacturer s Name
Manufacturer s Address CONSUMER CAMERA IPC-TA42P-B-imou, **IPC-TA42N-B**-
imou, **IPC-TA42N-B** Hangzhou Huacheng Network Technology Co., Ltd. No.2930,
Nanhuai Road

lang:en score:26 filesize: 107 99 K page_count: 1 document_date: 2021-05-06

[pdf] Declaration of Conformity SAR Rating

EMC Test GSM Lab MPE Hangzhou Huacheng Network Technology Co Ltd IPC TA4X B CONSUMER
CAMERA 2AVYE 2AVYFIPCTA4XB ipc ta4x b

SGS-CSTC Standards Technical Services Co., Ltd. Shanghai Branch Report No.:
SHEM210400295302 Page: ... Test EUT : EUT Name: CONSUMER CAMERA Model
No.: IPC-TA42P-B Add Model No.: IPC-TA42P-B-imou, **IPC-TA42N-B-imou, IPC-TA42N-B** Standard s : FCC Rules 47 CFR 2.1091 KDB447498 D01 General RF
Exposu

lang:en score:24 filesize: 296.05 K page count: 8 document date: 2021-05-08

[pdf] Quick Start Guide Installation Guide Guide

T2 XXXX Imou Network Camera QSG V1 0 Ranger 2 20190227 Administrator IPC TA42N B 2C 4MP IP PT wifi 4mp full color ir sirena luz blanca deteccion humanos ranura micro sd Guía de Inicio Inglés tvc mx media 580319 |||



Translated from Spanish to English - www.onlinedoctranslator.com About the guide - This quick start guide is for reference only. Small differences can be found in the user interface. - All design and software here are subject to change without notice written. - All trademarks and registered trademarks...

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[pdf] Declaration of Conformity Test Report

HD 271 S1 LAB02 Test report Hangzhou Huacheng Network Technology Co Ltd IPC TA4X B

CONSUMER CAMERA 2AVYF 2AVYFIPCTA4XB ipc ta4x b

SGS-CSTC Standards Technical Services Shanghai Co., Ltd. Report No.:

SHEM210400295301 Page: 1 of ... Equipment Under Test EUT : EUT Name: CONSUMER CAMERA Model No.: IPC-TA42P-B-imou,IPC-TA42P-B,IPC-TA42N-B-imou,IPC-TA42N-B Please refer to section 2 of this report which indicates which model...

lang:en score:15 filesize: 1.4 M page_count: 81 document date: 2021-05-11