

Imou IPC-F42FP-0280B-IMOU

Imou Bullet 2E 4MP Wi-Fi IP Camera User Manual

Model: IPC-F42FP-0280B-IMOU

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your Imou Bullet 2E 4MP Wi-Fi IP Camera. Please read this manual thoroughly before using the product and keep it for future reference.

The Imou Bullet 2E 4MP is a high-definition Wi-Fi IP camera designed for surveillance, offering 4-megapixel resolution, Wi-Fi and Ethernet connectivity, and H.265 video compression for efficient storage and streaming.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself:

- Ensure the power supply voltage is within the specified range.
- Do not expose the camera to extreme temperatures, humidity, or strong magnetic fields.
- Avoid direct exposure to sunlight or strong light sources.
- Do not attempt to disassemble or modify the camera. Refer all servicing to qualified personnel.
- Clean the camera with a soft, dry cloth. Do not use strong detergents or abrasive cleaners.
- Ensure proper ventilation around the camera.
- Install the camera securely to prevent it from falling.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- Imou Bullet 2E 4MP Wi-Fi IP Camera (IPC-F42FP-0280B-IMOU)
- Power Adapter
- Mounting Template
- Screw Package
- Quick Start Guide
- Waterproof Connector (for Ethernet cable)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Imou Bullet 2E camera.



Figure 4.1: Front view of the Imou Bullet 2E camera, showing the lens, IR LEDs, status indicator, and Wi-Fi antennas.

- **Lens:** Captures video footage.
- **IR LEDs:** Provide infrared illumination for night vision.
- **Spotlights:** For color night vision and active deterrence.
- **Microphone:** Captures audio.
- **Speaker:** For two-way audio communication.
- **Status Indicator Light:** Indicates camera status (e.g., solid green for normal operation, flashing red for network error).
- **Reset Button:** Used to reset the camera to factory settings (usually located under a cover).
- **SD Card Slot:** For local video storage (usually located under a cover).
- **Power Port:** Connects to the power adapter.
- **Ethernet Port:** For wired network connection.
- **Wi-Fi Antennas:** For wireless network connection.

5. SETUP

5.1 Initial Setup with Imou Life App

1. **Download the Imou Life App:** Search for "Imou Life" in the App Store or Google Play, or scan the QR code on the product packaging.
2. **Create an Account:** Open the app and register for an Imou account if you don't have one.
3. **Add Device:** Tap the "+" icon in the top right corner of the app to add your camera.
4. **Scan QR Code:** Scan the QR code located on the camera body or its packaging.
5. **Connect to Power:** Plug the camera into a power outlet. Wait for the status indicator light to flash green.
6. **Network Configuration:**
 - **Wi-Fi Connection:** Follow the in-app instructions to connect the camera to your Wi-Fi network. Ensure your phone is connected to the same 2.4GHz Wi-Fi network.
 - **Wired Connection:** Connect an Ethernet cable from the camera to your router. The camera will automatically connect to the network.
7. **Set Device Password:** Create a strong password for your camera.
8. **Complete Setup:** Follow the remaining prompts to finalize the setup.

5.2 Physical Installation

The Imou Bullet 2E camera is designed for wall mounting and is water-resistant (IP67 rated).



Figure 5.2: Imou Bullet 2E camera mounted on a wall, demonstrating its IP67 water resistance in rainy conditions.

- 1. Choose a Location:** Select a suitable location for installation, ensuring good Wi-Fi signal strength if using wireless connection. The camera is suitable for both indoor and outdoor use.
- 2. Prepare the Surface:** Use the provided mounting template to mark the screw holes on the wall.
- 3. Drill Holes:** Drill holes at the marked positions. Insert wall anchors if necessary.
- 4. Mount the Camera:** Secure the camera base to the wall using the provided screws.
- 5. Adjust Angle:** Loosen the adjustment screw on the camera bracket to adjust the camera's viewing angle. Tighten the screw once the desired angle is achieved.
- 6. Waterproof Connection (for Ethernet):** If using a wired connection outdoors, use the waterproof connector provided to protect the Ethernet cable connection.

6. OPERATING THE CAMERA

Once set up, you can control and monitor your camera using the Imou Life app.

6.1 Live View

- Open the Imou Life app and select your camera from the device list.
- You will see the live video feed.
- Options available in live view include: taking snapshots, recording video, two-way audio, and accessing settings.

6.2 Motion Detection and Alerts

- Navigate to the camera settings in the Imou Life app.
- Enable "Motion Detection" and adjust sensitivity levels as needed.
- Configure "Notification Settings" to receive alerts on your smartphone when motion is detected.
- The camera supports human detection to reduce false alarms.

6.3 Recording and Playback

- **Local Storage:** Insert a microSD card (up to 256GB, not included) into the camera's SD card slot for continuous or event-triggered recording.
- **Cloud Storage:** Subscribe to Imou Protect cloud service for cloud recording and advanced features.
- **Playback:** In the Imou Life app, access the "Playback" section to view recorded footage from your SD card or cloud storage.

6.4 Night Vision

The camera features advanced night vision capabilities:

- **Infrared Night Vision:** Automatically switches to black and white mode in low light conditions using IR LEDs.
- **Color Night Vision:** The built-in spotlights can illuminate the area, allowing the camera to capture full-color video even in complete darkness. This can be configured in the app.

6.5 Two-Way Audio

Use the two-way audio feature to communicate with people near the camera:

- In the live view interface of the Imou Life app, tap the microphone icon to speak.
- Tap the speaker icon to listen to audio from the camera's surroundings.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and body with a soft, dry cloth to remove dust and dirt. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Keep your camera's firmware updated through the Imou Life app to ensure optimal performance and access to new features.
- **Network Stability:** Ensure your Wi-Fi network is stable and strong for uninterrupted camera operation.
- **Power Supply:** Use only the original power adapter provided with the camera.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera offline	No power; Wi-Fi signal too weak; Network cable disconnected (if wired); Router issue.	Check power connection; Move camera closer to router or use a Wi-Fi extender; Check Ethernet cable; Restart router.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; Router is 5GHz only; Firewall settings.	Verify Wi-Fi password; Relocate camera; Ensure router supports 2.4GHz; Check router firewall settings.
No recording to SD card	SD card not inserted correctly; SD card full; SD card corrupted; Recording schedule not set.	Reinsert SD card; Format SD card via app; Replace SD card; Configure recording schedule in app.
Poor image quality	Dirty lens; Low light conditions; Network bandwidth issues.	Clean the lens; Ensure sufficient lighting or enable color night vision; Check network speed.
Frequent false alarms	Motion sensitivity too high; Environmental factors (e.g., moving branches, shadows).	Adjust motion detection sensitivity in app; Configure detection zones to exclude irrelevant areas.

If the problem persists, please contact Imou customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	CAMARA IP WIFI IMOU BULLET 2E 4MP 4MP/WIFI+ETHERNET/H265 IPC-F42FP-0280B-IMOU
Resolution	4 Megapixel (2560 x 1440)
Connectivity Technology	Wired, Wireless (Wi-Fi)
Wireless Communication Technology	Wi-Fi
Power Source	AC/DC
Voltage	220V
Wattage	3600W
Night Vision Range	30 Meters
Special Features	2 Way Audio
Mounting Type	Wall Mount
Material	Metal
Water Resistance Level	Water Resistant (IP67)

Feature	Detail
Product Dimensions (LxWxH)	15 x 20 x 30 cm
Item Weight	280 g
Compatible Devices	Smartphone
Indoor/Outdoor Use	Indoor/Outdoor

10. WARRANTY AND SUPPORT

Imou products 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.

For technical support, troubleshooting assistance, or any inquiries regarding your Imou product, please contact Imou customer support through their official website or the Imou Life app. You can also visit the [Imou Store on Amazon](#) for more information.

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This manual is subject to change without notice

Documents - Imou – IPC-F42FP-0280B-IMOUE

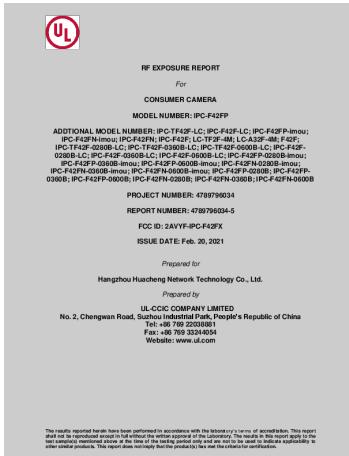
[pdf] Declaration of Conformity

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Hereby we, Name of manufacturer: Address: Zip
code City: Country: Telephone number: Hangzhou Huacheng Network Technology
Co.,Ltd. 13th Floor, Building 3, 1399 Binxing Road, Changhe Street, Binjiang District,
Hangzhou, China Zhejiang Pilot Free Trade Zone 3100...

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1 Huang Denny 4789796034 5 FCC MPE Report Hangzhou Huacheng Network Technology Co Ltd IPC F42FX CONSUMER CAMERA 2AVYF 2AVYF1PCF42FX ipc f42fx

RF EXPOSURE REPORT For CONSUMER CAMERA MODEL NUMBER: IPC-F42FP
ADDTIONAL MODEL NUMBER: IPC-TF42F-LC; IPC-F42F-LC; IPC-F42FP-imou;
IPC-F42FN-imou; IPC-F42FN; IPC-F42F; LC-TF2F-4M; LC-A32F-4M; F42F; IPC-
TF42F-0280B-LC; IPC-TF42F-0360B-LC; IPC-TF42F-0600B-LC; IPC-F42F0280B-
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Liu Susan Declaration letter Hangzhou Huacheng Network Technology Co Ltd IPC F42FX CONSUMER
CAMERA 2AVYF 2AVYFIPC42FX ipc f42fx

Hangzhou Huacheng Network Technology Co., Ltd. Address: No.2930, Nanhuan Road, Binjiang District, Hangzhou, China Confirmation Letter We, Hangzhou Huacheng Network Technology Co., Ltd. The product: CONSUMER CAMERA And model No.: IPC-F42FP; IPC-TF42F-LC; IPC-F42F-LC; IPC-F42FP-imou; IPC-F42FN-imou; I...

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