

Imou IPC-B7EDP-3T1TEH-EU/FSP14-TYPEC

Imou 4G LTE Solar Security Camera User Manual

BRAND: IMOU

Model: IPC-B7EDP-3T1TEH-EU/FSP14-TYPEC

PRODUCT OVERVIEW

The Imou Cell PT 4G Surveillance Camera is a 100% wireless, rechargeable security camera designed for comprehensive outdoor protection. It operates via 4G LTE, making it ideal for locations without Wi-Fi access. Equipped with a 10000mAh battery and a 5W solar panel, it offers extended operation. Key features include 2K resolution, IP66 weather resistance, color night vision, two-way audio, and advanced human detection.



A white Imou 4G LTE Solar Security Camera, featuring a spherical camera body with two bright LED lights and a lens, mounted on a bracket with an attached solar panel. The solar panel is black and positioned to capture sunlight.

SETUP AND INSTALLATION

This camera is designed for easy wireless installation, eliminating the need for electrical wiring. Ensure you have a strong 4G LTE signal in your desired installation location.

1. SIM and SD Card Insertion

The camera comes with a pre-installed SIM card and a 32GB micro SD card. No additional purchase is required for these components. Locate the dedicated slot on the camera body to access or verify their presence.

Tarjeta Micro SD y SIM Preinsertadas

Incluye datos de prueba de 6 GB
(válidos durante 3 meses)



A detailed view of the Imou camera's side compartment, showing the slots for the pre-inserted Micro SD card and SIM card. The image emphasizes the convenience of having these components ready for use, with a 32GB Micro SD card and a SIM card visible.

2. Mounting the Camera

Choose a location that provides optimal sunlight exposure for the solar panel and a clear view of the area you wish to monitor. The camera is suitable for wall mounting. Ensure the mounting surface is stable and secure.

4G LTE

Cámara de Seguridad Solar para Exterior

Sin Wi-Fi



The Imou 4G LTE Solar Security Camera is shown mounted on a tree trunk, providing surveillance over a vast green field where sheep are grazing. Smaller inset images depict various outdoor scenarios where the camera can be used, including a farm, a camping site, a construction site, and a boat, highlighting its versatility without requiring Wi-Fi.

OPERATING INSTRUCTIONS

Power Management

The camera is powered by a 10000mAh battery, continuously charged by a 5W solar panel, providing up to 365 days of operation on a single charge under optimal conditions. It also supports Type-C adapter charging.

365 Días de Alimentación Ininterrumpida

Sin cables



5W
Panel Solar



10000mAh
Batería de alta capacidad



Type-C
Adaptador de corriente



The Imou camera is depicted mounted on the side of a house, with its solar panel positioned to receive sunlight. Icons indicate a 5W solar panel, a 10000mAh high-capacity battery, and a Type-C power adapter, signifying the camera's ability to provide 365 days of uninterrupted power without the need for cables.

Night Vision

The camera offers 2K (3MP) resolution with full-color night vision up to 20 meters and infrared night vision up to 25 meters, ensuring clear images even in complete darkness.

Visión Nocturna 2K a Todo Color

4 modos de visión nocturna

3MP

3MP QHD



Zoom Digital 8x



Modo a Todo Color (hasta 20 m)



Modo Infrarrojos (hasta 25 m)

A close-up of the Imou camera's front, emphasizing its 3MP QHD resolution and 8x digital zoom. Below, two examples illustrate its night vision modes: a full-color mode (up to 20m) showing a brightly lit tent at night, and an infrared mode (up to 25m) showing the same scene in black and white, demonstrating clear visibility in low-light conditions.

Human Detection and Tracking

Utilizing AI algorithms, the camera provides PIR and human detection to minimize false alarms. It supports intelligent tracking and allows for the setup of customized detection zones.

Detección Humana PIR

Distancia de detección: Ajustable hasta 10m (33ft)



Detección
Humana



Seguimiento
Inteligente



Zonas
Personalizadas



An illustration of the Imou camera's PIR human detection capabilities. Two construction workers are shown in a dirt field, with detection boxes around them, indicating human detection, intelligent tracking, and customizable zones to reduce false alarms.

Two-Way Audio and Sharing

With a built-in microphone and speaker, you can communicate remotely. The camera also supports sharing live views with multiple users.

Audio Bidireccional y Compartir

Bonito viaje



6 Visionados Simultáneos

* La suscripción admite hasta 20 personas



The Imou camera is shown mounted on a camper van, overlooking a family enjoying an outdoor meal. This image illustrates the camera's two-way audio feature, allowing users to communicate remotely. It also suggests the ability to share the camera's view with up to 20 people simultaneously.

Pan and Tilt Coverage

The camera offers 360-degree horizontal and 90-degree vertical rotation for comprehensive surveillance. It can also proactively issue defense alerts with its 110 dB siren and LED light.

Cobertura de 360° para Mayor Detalle



Notificación
de Alarma



Luz LED



110 dB
Sirena

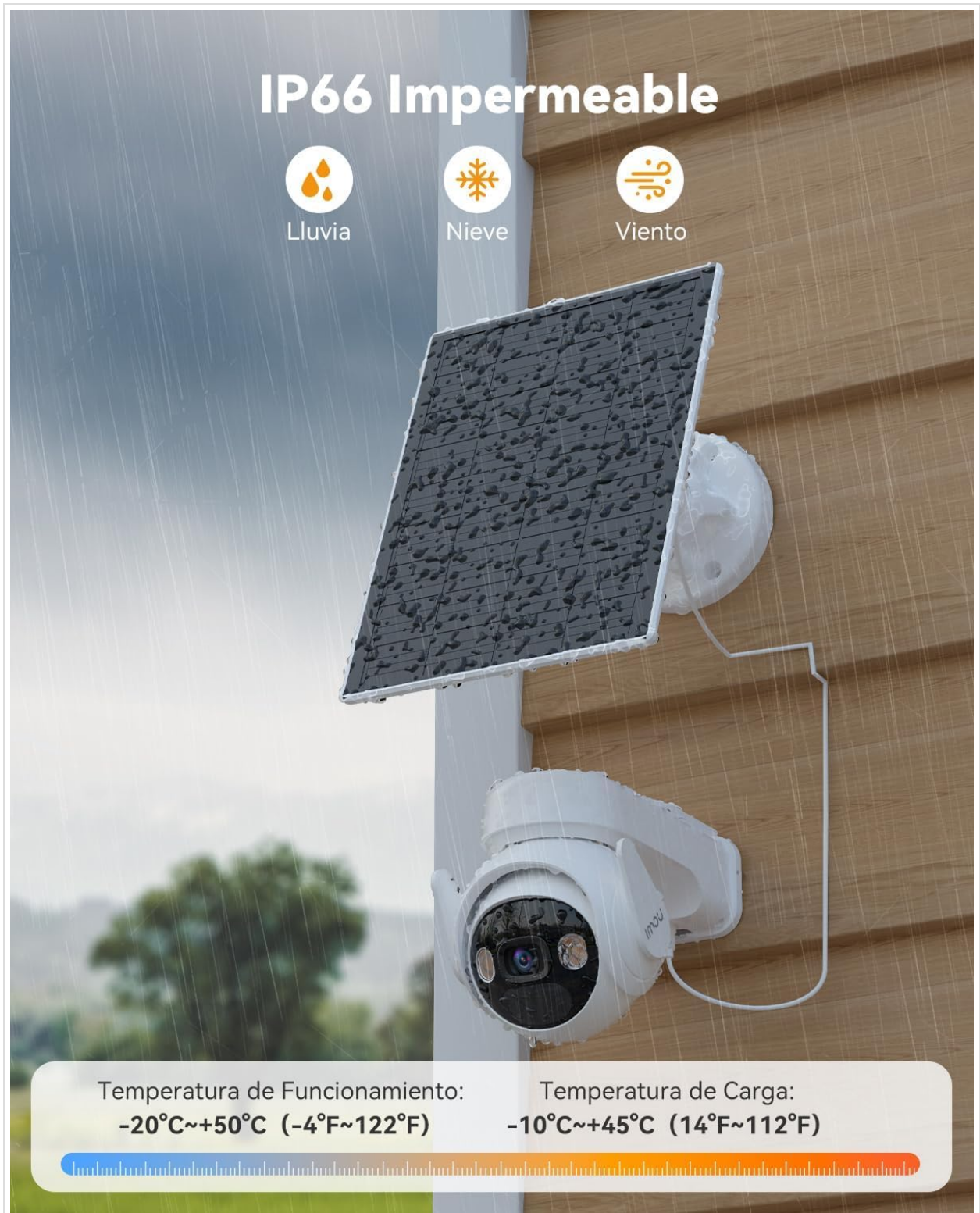


The Imou camera is positioned in a field with cattle, illustrating its 360-degree horizontal and 90-degree vertical rotation capabilities for comprehensive coverage. Icons represent its alarm notification, LED light, and 110 dB siren features, providing enhanced security and detailed monitoring.

MAINTENANCE

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

- **Weather Resistance:** The camera is IP66 waterproof, designed to withstand rain, snow, and wind. However, regularly check for any debris accumulation on the lens or solar panel that might obstruct its function.



IP66 Impermeable



Lluvia



Nieve



Viento

Temperatura de Funcionamiento:
-20°C~+50°C (-4°F~122°F)

Temperatura de Carga:
-10°C~+45°C (14°F~112°F)

- The Imou camera and its solar panel are shown enduring various weather conditions, including rain, snow, and wind, to highlight its IP66 waterproof rating. Operational temperature range (-20°C to +50°C) and charging temperature range (-10°C to +45°C) are also indicated, ensuring durability in diverse climates.
- **Low Temperature Charging:** The camera features technology to heat the battery before charging in cold weather, extending battery life. Ensure the solar panel is clear of snow or ice during winter months for efficient charging.

Tecnología de Carga a Baja Temperatura

Temperaturas ambiente bajas con paneles solares
conectados
Calentar la batería antes de recargarla prolonga su vida útil



The Imou camera and its solar panel are shown installed in a snowy, winter landscape. The image highlights the camera's low-temperature charging technology, which warms the battery before recharging to extend its lifespan, ensuring reliable operation even in cold weather conditions.

- **Cleaning:** Gently wipe the camera lens and solar panel with a soft, damp cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive materials.
- **Battery Health:** While designed for long life, extreme temperatures outside the specified operating range (-20°C to +50°C) can affect battery performance.

TROUBLESHOOTING

If you encounter issues with your Imou 4G LTE Solar Security Camera, refer to the following common troubleshooting steps:

- **No Power/Camera Offline:**
 - Ensure the solar panel is receiving adequate sunlight.
 - Check the battery level via the Imou app. If low, try charging directly with a Type-C adapter.
 - Verify the SIM card is properly inserted and has an active data plan.
- **Poor Image Quality:**
 - Clean the camera lens to remove any dirt or smudges.
 - Ensure there are no obstructions in the camera's field of view.
 - Check network signal strength; a weak 4G signal can affect streaming quality.
- **Motion Detection Issues:**
 - Adjust the sensitivity settings for human detection in the Imou app.
 - Review and reconfigure custom detection zones to ensure they cover the desired areas.
 - Ensure no objects are constantly moving within the detection zone, causing false alerts.
- **Two-Way Audio Problems:**
 - Check the volume settings on your mobile device and within the Imou app.
 - Ensure there are no physical obstructions blocking the camera's microphone or speaker.
 - Verify network stability for clear audio transmission.
- **Connectivity Issues (4G LTE):**
 - Confirm the SIM card is active and has sufficient data.
 - Relocate the camera to an area with better 4G signal reception.
 - Restart the camera by temporarily removing and reinserting the battery (if accessible and safe to do so).

SPECIFICATIONS


Feature	Detail
Model Name	Cell PT 4G Kit
Item Model Number	IPC-B7EDP-3T1TEH-EU/FSP14-TYPEC
Power Source	Solar and battery powered
Battery Capacity	10000mAh
Solar Panel Power	5W



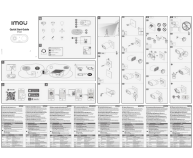


Feature	Detail
Connectivity Protocol	4G LTE
Video Capture Resolution	1920p (2K)
Night Vision Range	25 Meters
Mounting Type	Wall Mount
Indoor/Outdoor Use	Outdoor
IP Rating	IP66 Waterproof
Operating Temperature	-20°C to +50°C (-4°F to 122°F)
Charging Temperature	-10°C to +45°C (14°F to 112°F)
Item Dimensions L x W x H	18.1 x 17.4 x 22.2 cm
Item Weight	1.33 Kilograms
Compatible Devices	IOS/Android, Alexa
Included Components	Camera, Pre-installed SIM card, 32GB Micro SD card

WARRANTY AND SUPPORT

Specific warranty details and direct support contact information are not provided within this manual. For warranty claims, technical support, or further assistance, please refer to the official Imou website or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty-related inquiries.

Related Documents - IPC-B7EDP-3T1TEH-EU/FSP14-TYPEC

	<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>
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	<p>Imou Cell PT 3MP Wi-Fi Security Camera Quick Start Guide</p> <p>Quick start guide for the Imou Cell PT 3MP Wi-Fi Battery Security Camera. Learn about its features like solar power, PIR human detection, color night vision, two-way audio, and IP66 rating, and follow setup instructions.</p>
	<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 Cell Go Security Camera - User Guide and Specifications</p> <p>Comprehensive user guide for the Imou Cell Go wireless security camera system, featuring 2304x1296 resolution, night vision, two-way audio, and optional solar panel. Includes setup, operation, and technical specifications for models IPC-B32P-V2 and KIT/IPC-B32P/FSP12.</p>
	<p>SAAVCE HD Camera User Manual: Installation and Safety Guide</p> <p>Comprehensive user manual for the SAAVCE HD Camera, covering installation, safety precautions, regulatory information, and product features. Learn how to set up and use your security camera effectively.</p>
	<p>Jooan Wireless Security Camera System Quick User Guide</p> <p>A comprehensive guide to setting up and operating the Jooan Wireless Security Camera System, including NVR and IPC installation, recording, playback, motion detection, email setup, and remote access via PC and mobile devices.</p>

Documents - Imou – IPC-B7EDP-3T1TEH-EU/FSP14-TYPEC



[\[pdf\]](#) Specifications Dimension Guide
IMOU IPC B7EDP 3T1TEH EU FSP14 TYPEC specifikacijamou Cell PT 4G GeniusIMOU EUFSP14 specifikacijagenius hr specifikacija |||
IP CCTV / Consumer IP / Imou IMOU**IPC-B7EDP-3T1TEH-EU/FSP14-TYPEC** IMOU
Features Imou Battery-powered camera 4G 1/2.8 Progressive Scan CMOS 3 Megapixel 2304X1296 3.6 mm Lens IR Range 20 m White LEDs for lighting and deterrent effect Compression H.265 Connection 4G via SIM card Vertical...
lang:en score:106 filesize: 1.06 M page_count: 2 document date: 2025-02-18