

INQMEGA B07SXKHZQC

INQMEGA PTZ Outdoor 1080P WiFi Security IP Camera User Manual

Brand: INQMEGA | Model: B07SXKHZQC

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your INQMEGA PTZ Outdoor 1080P WiFi Security IP Camera. This camera features 1080P resolution, 2.4G WiFi connectivity, pan-tilt-zoom (PTZ) functionality, motion alerts, 50ft night vision, IP66 waterproofing, two-way audio, and supports up to a 128GB SD card for local storage. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PRODUCT FEATURES

- **High Definition Video:** 1080p video capture resolution for clear surveillance.
- **Pan-Tilt-Zoom (PTZ):** Remote control for horizontal (355°) and vertical (180°) camera movement.
- **Wireless Connectivity:** Supports 2.4G Wi-Fi for flexible placement.
- **Weatherproof Design:** IP66 waterproof rating ensures durability in outdoor conditions (waterproof, snowproof, high temperature resistant).
- **Enhanced Night Vision:** 50 feet night vision range with both IR LEDs and white LEDs for clear visibility in low light.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.
- **Motion Detection & Alerts:** PIR human detection with adjustable sensing distance (7-10M) and instant notifications.
- **Storage Options:** Supports up to 128GB Micro SD card (not included) and cloud storage services.
- **Multiple Installation Options:** Integrated, split, and extended installation methods available.



Figure 2.1: Overview of INQMEGA PTZ Camera features including 1080P HD, PTZ, Waterproof, Alarm, Cloud Storage, and WiFi connectivity.

3. SETUP GUIDE

3.1 Unboxing and Initial Power-Up

Carefully remove all components from the packaging. Ensure you have the camera, power adapter, mounting accessories, and user manual. Connect the camera to the power adapter and plug it into an electrical outlet. The camera will perform a self-test, indicated by its movement and a voice prompt.

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Video 3.1: Demonstrates the initial power-up and connection process for the INQMEGA camera, including scanning a QR code for app setup.

3.2 App Installation and Account Registration

Download the recommended mobile application (e.g., YCC365 Plus) from your smartphone's app store. Register for a new account following the on-screen instructions. Ensure your phone is connected to a 2.4GHz Wi-Fi network.

3.3 Connecting the Camera to Wi-Fi

1. In the app, select 'Add Device' and choose 'Device adding by scanning the code'.
2. Enter your 2.4GHz Wi-Fi network name and password.
3. The app will generate a QR code. Position your phone screen in front of the camera lens (approximately 15-20 cm away) until you hear a 'Di Di' sound from the camera, indicating successful scanning.
4. Confirm in the app that you heard the 'Di Di' sound. The camera will then connect to the network. This process may take 1-2 minutes.
5. Once connected, you can name your device and begin using it.

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Video 3.2: Detailed guide on connecting the INOMEGA camera to your Wi-Fi network using the mobile application and QR code scanning.

3.4 Micro SD Card Installation

To install a Micro SD card (up to 128GB, not included), gently flip the camera lens down. Locate the SD card slot, insert the card, and secure it. The camera supports continuous recording to the SD card.



Figure 3.1: Illustration of how to access and install the external Micro SD card by flipping the camera lens down.

3.5 Mounting the Camera

The camera is designed for wall mounting. Use the provided screws and anchors to securely attach the mounting bracket to a suitable surface. Ensure the camera is positioned to cover the desired surveillance area. For optimal solar charging, if applicable, ensure the solar panel receives direct sunlight.

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Video 3.3: Shows various installation methods for the INQMEGA solar-powered camera, including integrated, split, and extended setups, and demonstrates app control for rotation and PIR human detection.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

Open the mobile app and select your camera to access the live view. Use the on-screen joystick or swipe gestures to control the camera's pan (horizontal) and tilt (vertical) movements. The camera offers 355° horizontal and 180° vertical rotation.

4.2 Two-Way Audio

Tap the microphone icon in the app to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's surroundings. This feature allows for real-time communication.



Figure 4.1: Depicts the two-way audio functionality, allowing users to communicate through the camera via the mobile app.

4.3 Motion Detection and Alerts

The camera utilizes PIR human detection to identify movement. When motion is detected, the camera can send instant alerts to your smartphone. You can adjust the sensitivity and detection zones within the app settings to minimize false alarms.

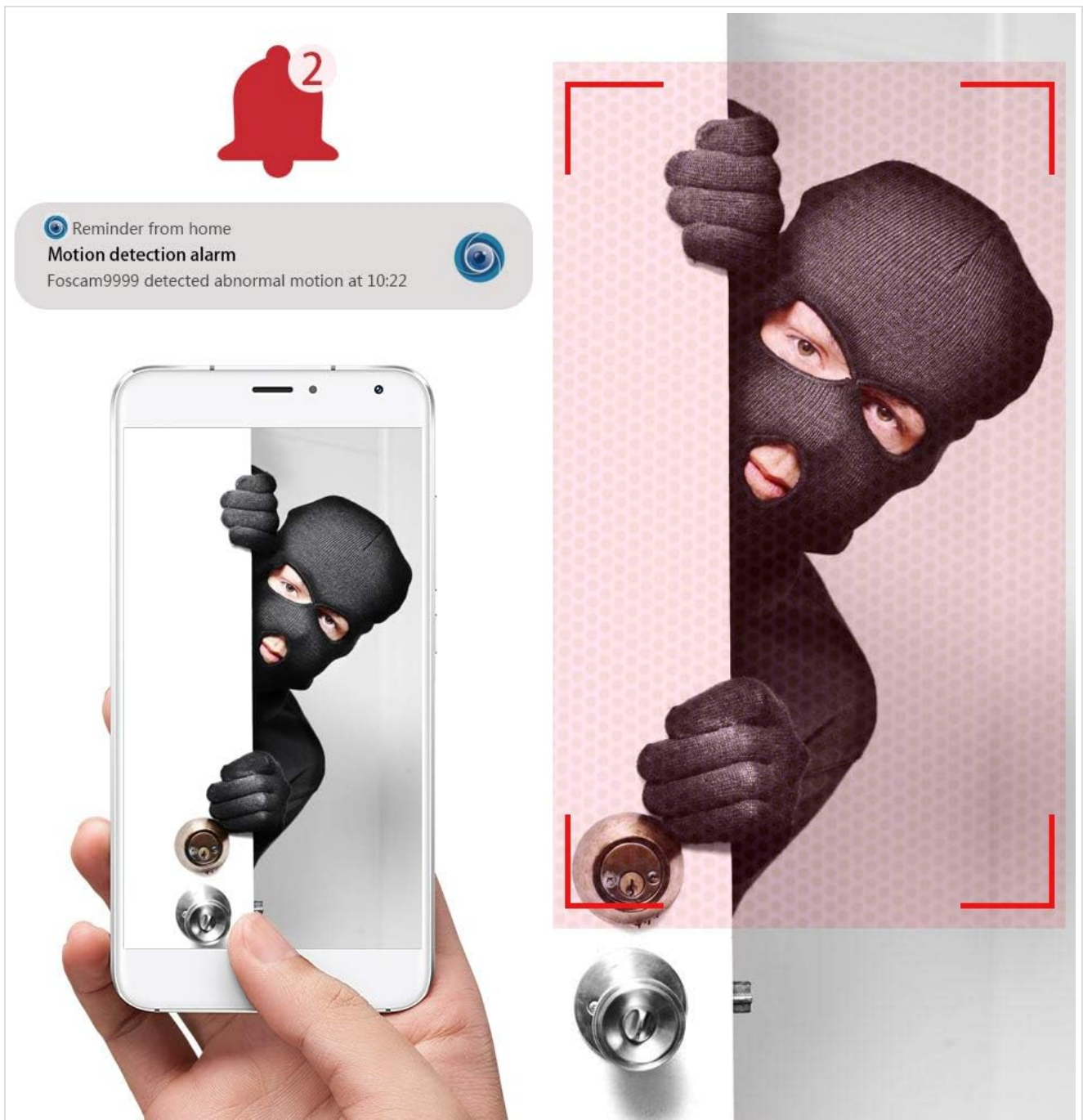


Figure 4.2: Illustrates the motion detection feature, showing an alert notification on a smartphone when activity is detected by the camera.

4.4 Night Vision Modes

The camera supports different night vision modes. It can automatically switch to infrared (IR) night vision in low light conditions, providing clear black and white images. Additionally, it features white LEDs that can illuminate the area for full-color night vision or act as a deterrent when motion is detected.



Figure 4.3: Shows the camera's night vision capabilities, highlighting the 4 white lights and 3 IR LEDs for up to 30 meters of night vision.

5. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and housing with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the mobile app periodically for firmware updates. Keeping the firmware updated ensures optimal performance and security.
- **Power Supply:** Ensure a stable power supply. For solar-powered models, keep the solar panel clean and free from obstructions to maximize charging efficiency.
- **SD Card Management:** If using an SD card, periodically review and back up important footage. The camera will overwrite older footage once the card is full.

6. TROUBLESHOOTING

- **Camera Disconnected:** If the camera frequently disconnects, ensure it is within range of your 2.4GHz Wi-Fi router and that the signal strength is adequate. Try repositioning the camera or router.

- **Cannot Connect to Wi-Fi:** Double-check your Wi-Fi password. Ensure your router is operating on a 2.4GHz frequency, as the camera does not support 5GHz networks. Perform a camera reset if necessary (hold the reset button for 5 seconds).
- **SD Card Not Detected:** Ensure the SD card is correctly inserted and formatted within the camera's settings via the app. If the issue persists, try a different compatible SD card.
- **Poor Image Quality:** Clean the camera lens. Ensure there are no obstructions in the camera's field of view. Check your internet connection speed for live streaming issues.
- **Motion Alerts Not Working:** Verify that motion detection is enabled in the app settings and that notification permissions are granted for the app on your smartphone. Adjust sensitivity settings if needed.

7. SPECIFICATIONS

Feature	Specification
Brand	INQMEGA
Model	B07SXKHZQC
Video Capture Resolution	1080p
Connectivity Technology	Wired, Wireless (Wi-Fi 2.4GHz)
Indoor/Outdoor Usage	Outdoor
Night Vision Range	50 Feet
Water Resistance Level	Waterproof (IP66)
Pan/Tilt Control	Horizontal 355°, Vertical 180°
Storage	Micro SD Card (Max 128GB), Cloud Storage
Audio	Two-Way Audio
Motion Detection	PIR Human Induction (7-10M sensing distance)
Power Source	Battery Powered (with solar charging option)
Item Dimensions L x W x H	7 x 7 x 4 inches
Item Weight	1.9 Pounds



Figure 7.1: The camera is rated IP66 waterproof, ensuring protection against rain, snow, and high temperatures for outdoor use.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official INQMEGA website. Keep your purchase receipt as proof of purchase for any warranty claims.