

[Manuals.plus](#) /

› [DIHOOM](#) /

› DIHOOM DM-P074G 4G LTE Solar PTZ Security Camera User Manual

## DIHOOM DM-P074G

# DIHOOM DM-P074G 4G LTE Solar PTZ Security Camera

## USER MANUAL

Model: DM-P074G | Brand: DIHOOM

### Introduction

The DIHOOM DM-P074G is a 4G LTE solar-powered PTZ (Pan-Tilt-Zoom) security camera designed for outdoor surveillance in areas without traditional power or Wi-Fi access. This camera features 2K 4MP resolution, full-color night vision, intelligent motion detection, and two-way audio communication. Its integrated solar panel and high-capacity battery ensure continuous operation, while IP66 waterproofing provides durability in various weather conditions. This manual provides essential information for the proper setup, operation, and maintenance of your security camera.



Figure 1: The DIHOOM 4G LTE Solar PTZ Security Camera mounted with its solar panel, demonstrating wireless installation and remote monitoring via a smartphone app.

## Package Contents

Please verify that all items listed below are included in your package:

- Security Camera Unit
- Solar Panel x 1
- Mounting Bracket x 1
- Mounting Sticker x 1
- Screw Package x 2
- Iron Bracket x 1
- Ring x 2
- Quick User Manual x 1

- SIM Card (with 300 MB free data)



Figure 2: All components included in the DIHOOM DM-P074G security camera package.

## Setup

### 1. SIM Card and SD Card Installation

1. Locate the SIM card slot on the camera.
2. Insert the provided 4G LTE SIM card into the slot. Ensure it is correctly oriented.
3. For local storage, insert a microSD card (up to 256GB, not included) into the designated slot.

### 2. App Download and Connection

1. Download the dedicated mobile application from your smartphone's app store.
2. Open the app and follow the on-screen instructions to add your new camera. This typically involves scanning a QR code on the camera or its packaging.

3. Ensure your smartphone has an active internet connection during the setup process.

### 3. Mounting the Camera and Solar Panel

The camera supports wall and pole mounting. Choose a location that provides optimal surveillance coverage and receives ample direct sunlight for the solar panel.

- Use the mounting bracket and screws to securely attach the camera to a wall or pole.
- Mount the 7W solar panel in a position that maximizes sun exposure throughout the day.
- Connect the solar panel cable to the camera's charging port. The camera's battery (18000mAh) will charge via the solar panel.



Figure 3: The camera's IP66 waterproof design and simplified setup steps, including SIM card insertion and app connection.

# 365 Days Forever Power



Figure 4: Details of the 7W solar panel and 18000mAh battery, illustrating the camera's self-sustaining power system.

## Operating Instructions

### 1. Pan-Tilt-Zoom (PTZ) Control

Access the live view in the mobile app. Use the on-screen controls to remotely adjust the camera's viewing angle. The camera offers 350° horizontal pan and 150° vertical tilt capabilities, allowing comprehensive coverage. Digital zoom is also available to view details.

# Full View Covers Every Corner

Safeguard Your Property with No Blind Spots



Figure 5: Illustration of the camera's 350-degree pan and 150-degree tilt rotation for wide area surveillance.

## 2. Motion Detection and Alerts

The camera features intelligent PIR (Passive Infrared) human and motion detection. When motion is detected, the camera can trigger spotlights, an alarm, and send instant notifications to your smartphone. Sensitivity settings can be adjusted within the app to minimize false alarms.



Figure 6: The camera's smart PIR human detection feature, highlighting detected movement within the surveillance area.

### 3. Night Vision

The camera provides 2K 4MP resolution for clear images. It supports full-color night vision, which activates when warm lights are engaged, capturing color video even in low-light conditions. Standard infrared night vision is also available for clear black and white footage in complete darkness.

# 2K 4MP Color Night Vision

See Everything Clearly with 4X Digital Zoom



Figure 7: Comparison of daytime 2K 4MP footage with 4X digital zoom and full-color night vision capabilities.

## 4. Two-Way Communication

Utilize the built-in microphone and speaker for two-way audio communication. This allows you to speak to individuals near the camera or use the siren function for deterrence.

## 5. Recording and Storage

The camera supports continuous recording and event-triggered recording to a local microSD card (up to 256GB). Footage can be accessed and managed through the mobile application.

## Maintenance

- **Cleaning:** Periodically clean the camera lens and solar panel with a soft, damp cloth to ensure optimal image clarity and charging efficiency.
- **Battery Monitoring:** Monitor the battery level via the app. Ensure the solar panel is free from obstructions to maintain consistent charging.
- **Firmware Updates:** Check the mobile app regularly for available firmware updates to ensure your camera has

the latest features and security enhancements.

- **Environmental Protection:** While IP66 rated, avoid directing high-pressure water jets directly at the camera.

## Troubleshooting

- **Camera Not Connecting/Offline:**
  - Ensure the 4G SIM card has an active data plan and good signal strength in the camera's location.
  - Restart the camera by powering it off and on.
  - Check if the camera's battery is sufficiently charged.
- **Poor Image Quality:**
  - Clean the camera lens for any dirt or smudges.
  - Ensure there are no obstructions in the camera's field of view.
  - Verify the camera's resolution settings in the app.
- **Motion Detection Not Working:**
  - Check the motion detection settings in the app, ensuring it is enabled and sensitivity is adjusted correctly.
  - Ensure there are no physical obstructions blocking the PIR sensor.
- **Battery Not Charging:**
  - Ensure the solar panel is clean and free from debris.
  - Verify the solar panel is positioned to receive maximum direct sunlight.
  - Check the connection cable between the solar panel and the camera.
- **Two-Way Audio Issues:**
  - Ensure the microphone and speaker are not obstructed.
  - Check volume settings in the app and on your smartphone.

## Specifications

Feature	Specification
Brand	DIHOOM
Model Name	4G Solar Powered Security Camera (DM-P074G)
Connectivity Technology	Wireless (4G LTE)
Compatible Devices	Smartphone
Power Source	Battery Powered, Solar Powered
Mounting Type	Ceiling Mount, Wall Mount
Video Recording Resolution	4 MP (2K)
Color	White

Feature	Specification
Installation Type	Wall Mounted, Pole Mounted
Material	Plastic
Water Resistance Level	Waterproof (IP66)
Alert Type	Motion Only
Photo Sensor Resolution	4 MP
Wireless Communication Technology	4G
Wattage	5 watts (Camera), 7 watts (Solar Panel)
Battery Capacity	18000 mAh
Number of Channels	2
Item Dimensions	10 x 9 x 6 centimeters
Effective Video Resolution	1080 Pixels (Output)
Viewing Angle	120 Degrees
Focus Type	Manual Focus
Photo Sensor Technology	CMOS
Specific Product Uses	2K 4MP Super HD, 4G-LTE connection, IP66 waterproof, Continuous solar energy, PIR human and motion detection

## Warranty and Support

The DIHOOM DM-P074G security camera comes with a **2-year warranty** from the date of purchase. For any questions, technical assistance, or warranty claims, please contact our support team:

- **Email:** [ukdihoom@hotmail.com](mailto:ukdihoom@hotmail.com)
- We offer online service and lifetime technical support.