

## GW Security GW5091IP

# GW Security GW5091IP 5MP IP PoE Dome Security Camera Instruction Manual

Model: GW5091IP

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## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GW Security GW5091IP 5MP IP PoE Dome Security Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality. This camera is designed for both outdoor and indoor surveillance applications, offering high-resolution video and advanced features.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package. If any items are missing or damaged, please contact customer support.

- GW Security GW5091IP 5MP IP PoE Dome Camera
- Mounting Screws and Wall Plugs
- Waterproof Connector Kit
- Quick Start Guide

## 3. PRODUCT OVERVIEW

The GW5091IP camera features 5-megapixel resolution for clear imaging, Power-over-Ethernet (PoE) for simplified installation, and a built-in microphone for audio recording. It is designed for reliable performance in various environments.

### 3.1 Key Features

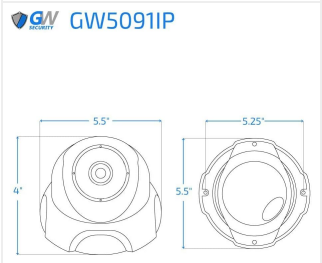
- **5MP High Resolution:** Captures video at 2592 x 1920 pixels for detailed surveillance.
- **Power-over-Ethernet (PoE):** Single cable for power and data transmission.
- **2.8mm Wide Angle Lens:** Provides a broad field of view.
- **100FT IR Night Vision:** Ensures clear visibility in low-light conditions up to 100 feet.

- **Built-in Microphone:** Records audio alongside video.
- **Outdoor/Indoor Use:** Durable design suitable for various environments.
- **Motion Sensor:** Detects movement for event-triggered recording and alerts.
- **IP66 Weatherproof Rating:** Protects against dust and strong jets of water.

### 3.2 Camera Components



Front view of the GW Security GW5091IP dome camera, showing the lens and IR LEDs.



Technical diagram illustrating the dimensions of the GW5091IP dome camera.



Image highlighting the built-in microphone feature of the GW5091IP camera, shown in a meeting room setting.



Illustration of the GW5091IP camera's heat, cold, and water resistance (IP66 rating).

## 4. SETUP

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### 4.1 Physical Installation

1. **Choose a Location:** Select a suitable location for the camera, considering the desired field of view and proximity to a network cable. The camera is designed for ceiling mount.
2. **Mounting:** Use the provided mounting screws and wall plugs to securely attach the camera to the chosen surface. Ensure the mounting surface can support the camera's weight.
3. **Cable Connection:** Connect an Ethernet cable from your PoE NVR or PoE switch to the camera's Ethernet port. Use the waterproof connector kit for outdoor installations to protect the connection from moisture.



Diagram showing a typical Power-over-Ethernet (PoE) setup, connecting the camera to an NVR via a single Ethernet cable.

### 4.2 Initial Network Configuration

After physical installation, connect the camera to your network. If using a PoE NVR, the camera should automatically be detected. For direct connection to a PoE switch/router, you may need to use the GW Security client software or mobile app to discover and configure the camera's IP address.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Live View and Recording

Access the camera's live feed through the GW Security mobile app or desktop client. You can view real-time video and configure recording settings. The 5MP resolution provides clear images, and the built-in microphone captures audio.



Video demonstrating the GW Security camera's durability in high and low temperature conditions, including waterproof testing.

### 5.2 Night Vision

The camera automatically switches to infrared (IR) night vision in low-light conditions, providing clear black and white video up to 100 feet. Ensure no obstructions block the IR LEDs for optimal performance.

### 5.3 Motion Detection and Smart AI Features

Configure motion detection zones and sensitivity settings within the camera's software. The camera supports advanced AI features such as Face Recognition, Human Detection, and Vehicle Detection to enhance security and reduce false alarms.

Video illustrating the AcuSearch feature, which efficiently helps in finding specific targets within recorded footage.

Video showcasing the camera's Smart AI Detection capabilities, including Face Recognition, Human Detection, and Vehicle Detection.

## 6. MAINTENANCE

### 6.1 Cleaning the Camera

Periodically clean the camera lens and housing to ensure optimal image quality. Use a soft, damp cloth for cleaning. Avoid abrasive cleaners or solvents that could damage the lens or finish.

### 6.2 Firmware Updates

Check the GW Security website or app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features, security enhancements, and bug fixes.

## 7. TROUBLESHOOTING

If you encounter issues with your GW5091IP camera, refer to the following common problems and solutions:

| Problem                      | Possible Solution                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| No video feed                | Check power and Ethernet connections. Ensure the NVR/switch is providing PoE. Verify network settings and IP address.        |
| Poor image quality           | Clean the camera lens. Check for obstructions. Ensure sufficient lighting or proper night vision activation.                 |
| Motion detection not working | Verify motion detection settings in the software. Adjust sensitivity and detection zones.                                    |
| Cannot connect to app        | Ensure the camera is connected to the network and has internet access. Check app permissions and camera registration status. |

For further assistance, please contact GW Security technical support.

## 8. SPECIFICATIONS

| Feature            | Detail               |
|--------------------|----------------------|
| Model              | GW5091IP             |
| Resolution         | 5MP (2592 x 1920)    |
| Lens               | 2.8mm Wide Angle     |
| Night Vision Range | 100 Feet (IR)        |
| Connectivity       | Wired (PoE Ethernet) |
| Audio              | Built-in Microphone  |

| Feature             | Detail                                                                 |
|---------------------|------------------------------------------------------------------------|
| Indoor/Outdoor Use  | Yes                                                                    |
| Weatherproof Rating | IP66                                                                   |
| Mount Type          | Ceiling Mount                                                          |
| Compatible Devices  | Phone and Computer                                                     |
| Controller Type     | App                                                                    |
| Power Source        | PoE (Power-over-Ethernet)                                              |
| Special Features    | Motion Sensor, Night Vision, Smart AI Detection (Face, Human, Vehicle) |

## 9. WARRANTY & SUPPORT

### 9.1 Product Warranty

Your GW Security GW5091IP camera is covered by a **Two-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 9.2 Technical Support

GW Security provides **Free Lifetime Technical Support** for this product. Our US-based support team is available to assist you with any questions or issues you may encounter.

- **Support Hours:** Monday - Friday, 6:00 AM - 7:00 PM PST
- **Contact Information:** Refer to the GW Security website or the Quick Start Guide for current contact details (phone, email, chat).



**2-Year Warranty**

**Free Domestic Tech Support**

Call our highly-trained techs support staff  
for any issues that may arise, we are more than  
happy to assist you in securing your life.

**Monday - Friday 6:00am - 7:00pm PST**

Image depicting the GW Security customer support team, emphasizing the availability of assistance.

## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

Anonymous

### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question