

2NLF GAD1031WT1

2NLF 4MP PTZ 360° Triple Lens Outdoor Security Camera User Manual

Model: GAD1031WT1

Introduction	Features	Package Contents	Setup	Operation	Maintenance	Troubleshooting
		Specifications		Warranty & Support		

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your 2NLF 4MP PTZ 360° Triple Lens Outdoor Security Camera. Please read this manual carefully before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT FEATURES

- **Triple Lens Design:** Equipped with two fixed lenses and one PTZ (Pan-Tilt-Zoom) rotating lens, providing a 360° panoramic view without blind spots. The PTZ lens offers 90° vertical and 330° horizontal rotation.
- **4MP HD Resolution:** Captures clear and detailed images and videos.
- **Smart Night Vision:** Features three night vision modes:
 - Infrared (black and white vision)
 - Full-Color (color image in darkness)
 - Smart Mode (automatic switching between infrared and full-color based on detection)
- **Intelligent Alerts & Auto-Tracking:** PIR motion detection reduces false alarms. Sends instant notifications to your phone, automatically tracks moving objects, and records video.
- **Two-Way Audio:** Built-in microphone and speaker allow for remote communication and deterrence of intruders.
- **IP66 Weatherproof:** Designed for outdoor use, resistant to dust and water. Operates effectively in

temperatures from -30°C to 40°C, suitable for various weather conditions.

- **Flexible Connectivity:** Supports both 2.4G WiFi and Ethernet cable connection for stable network access.
- **Multiple Storage Options:** Supports Micro SD card up to 128GB (not included) and cloud storage (subscription required). Offers 24/7 recording or motion-activated recording.
- **Multi-User Sharing:** Allows up to 5 simultaneous users to view live feeds via the IPC360 Home application.

12MP=4MP+4MP+4MP
Equivalente a 3 cámaras para una vigilancia completa

330°

90°

2NLF

Cámara de posición fija: vista panorámica

Cámara PTZ: seguimiento automático

Image: The 2NLF camera features a triple-lens system, including two fixed lenses and one PTZ lens, providing a comprehensive 360-degree view with 4MP resolution.

3 modos Vision nocturna inteligente



Image: Illustration of the three intelligent night vision modes: infrared for black and white, full-color for vivid night images, and smart mode for automatic adaptation.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x 2NLF 4MP PTZ 360° Triple Lens Outdoor Security Camera
- 1 x Power Adapter
- 1 x User Manual (this document)
- 1 x Mounting Screw Kit

Descripción y lista de productos



Image: Detailed diagram of the camera with dimensions and a visual representation of all included accessories: camera, power adapter, user manual, and mounting screws.

4. SETUP INSTRUCTIONS

4.1 Physical Installation

The camera can be mounted on a wall or ceiling. Choose a location that provides optimal coverage and a stable surface for mounting.

- 1. Mark Drilling Positions:** Use the mounting template (if provided) or the camera base to mark the positions for drilling holes.
- 2. Drill Holes:** Drill holes at the marked positions. Insert wall anchors if mounting on masonry or drywall.
- 3. Secure the Camera:** Align the camera base with the drilled holes and secure it using the provided mounting screws.
- 4. Adjust Angle:** Ensure the camera is securely fastened and adjust its initial angle as needed.

Soporta 2 Formas de Conexión

Se puede montar en la pared o en el techo

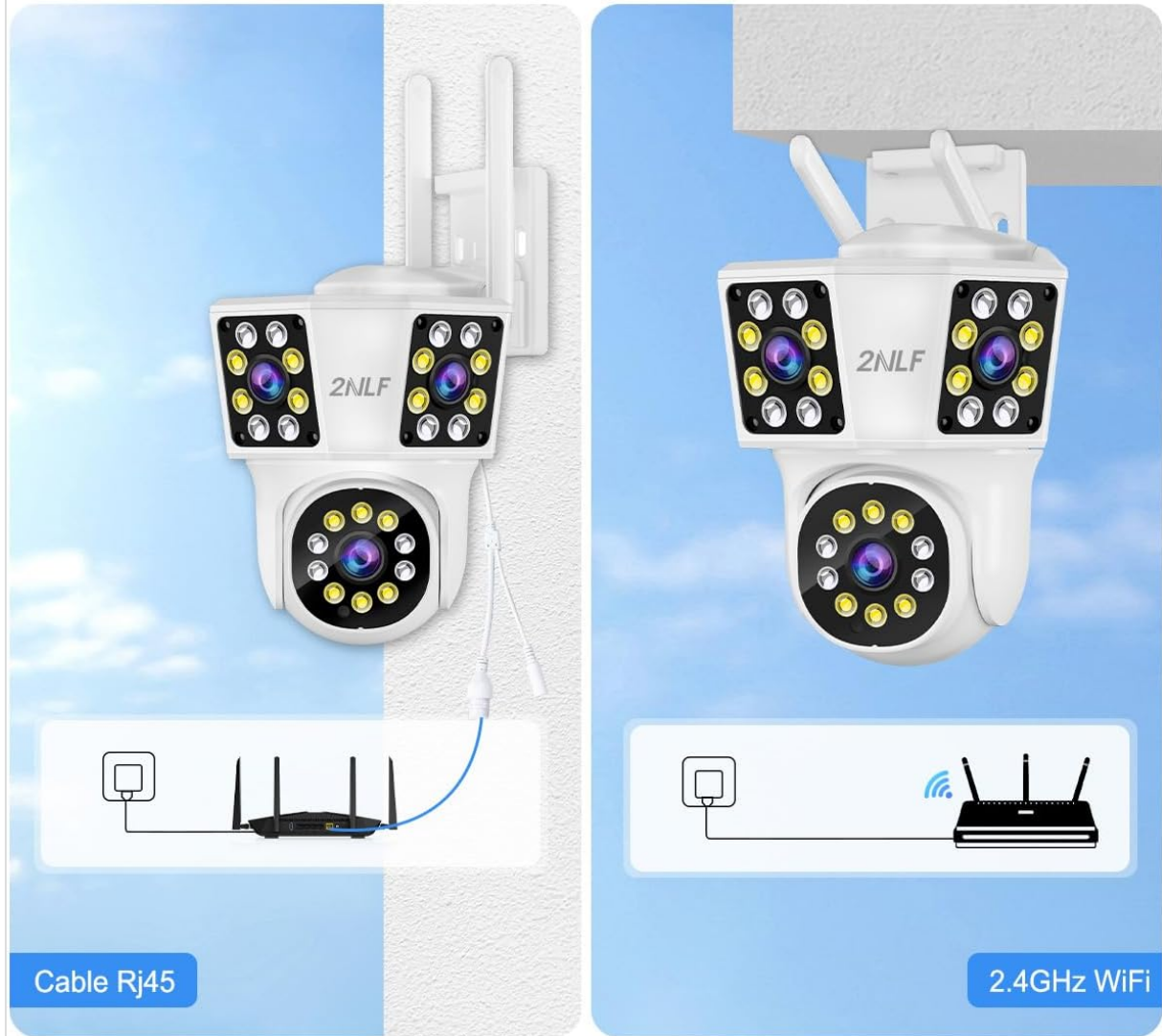


Image: Illustration demonstrating the two supported mounting methods: wall mounting and ceiling mounting, highlighting the camera's adaptability for different outdoor installations.

4.2 Network Connection

The camera supports both 2.4G WiFi and wired Ethernet connections.

1. **Power On:** Connect the power adapter to the camera and plug it into an electrical outlet. The camera will power on and initiate its startup sequence.
2. **Download App:** Download the "IPC360 Home" app from your smartphone's app store (iOS or Android).
3. **Register/Login:** Open the app and register a new account or log in if you already have one.
4. **Add Device:**
 - **For WiFi Connection:**
 - a. In the app, tap "Add Device" and select your camera model.
 - b. Follow the on-screen prompts to connect the camera to your 2.4GHz WiFi network. You may need to scan a QR code displayed on your phone with the camera.
 - c. Ensure your phone is connected to the 2.4GHz WiFi network during setup.
 - **For Ethernet Connection:**

- a. Connect an Ethernet cable from your router to the camera's Ethernet port.
 - b. In the app, tap "Add Device" and select your camera model. The app should automatically detect the camera via the wired connection.
5. **Complete Setup:** Follow any remaining prompts in the app to name your camera and finalize the setup.



Image: Depicts the quick WiFi connection process, where the user scans a QR code from the IPC360 Home app with the camera to establish a 2.4GHz WiFi connection.

5. OPERATION

5.1 Live View and PTZ Control

Once the camera is connected, open the IPC360 Home app to access the live view. You can control the PTZ lens directly from the app interface.

- **Pan/Tilt:** Swipe on the live view screen to move the PTZ lens horizontally (pan) and vertically (tilt).
- **Zoom:** Use pinch-to-zoom gestures on the live view to digitally zoom in or out.
- **Preset Positions:** Set and recall specific camera positions for quick monitoring of key areas.

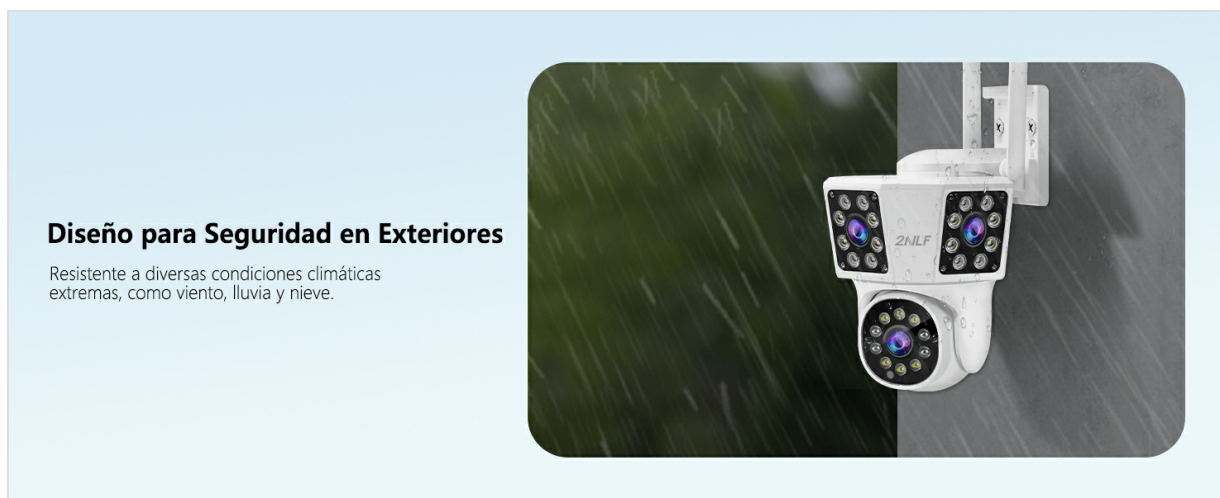


Image: A smartphone screen displaying the camera's 360-degree panoramic view, demonstrating the ability to cover every detail without blind spots and utilize digital zoom.

5.2 Night Vision Modes

Switch between night vision modes in the app settings:

- **Infrared Mode:** Provides clear black and white images in low-light conditions.
- **Full-Color Mode:** Activates white lights to provide full-color images at night.
- **Smart Mode:** Automatically switches to full-color mode upon detection of motion, otherwise remains in infrared mode.

5.3 Motion Detection and Alerts

Configure motion detection settings and receive alerts:

- **Enable/Disable Detection:** Turn PIR motion detection on or off in the app.
- **Sensitivity Adjustment:** Adjust the detection sensitivity to minimize false alarms.
- **Alert Notifications:** Receive push notifications on your phone when motion is detected.
- **Auto-Tracking:** The camera can automatically track moving objects within its field of view.
- **Humanoid Detection:** Advanced detection specifically identifies human shapes, reducing alerts from animals or inanimate objects.



Image: Illustrates the camera's automatic tracking feature, where it follows detected motion, and the smart alert system that sends notifications to the user's phone.

Conexión Rápida a la Red WiFi del Hogar

Escanea el código QR a través de la APP para configurar WiFi de 2,4 GHz para el dispositivo.



Image: Demonstrates humanoid detection, where the camera identifies a person and triggers various responses such as flashing lights, push notifications, and an alarm sound.

5.4 Two-Way Audio

Use the two-way audio feature to communicate through the camera:

- Tap the microphone icon in the app's live view to speak. Your voice will be broadcast through the camera's speaker.
- The camera's built-in microphone will capture audio from the camera's vicinity.

Audio Bidireccional Compartición multiusuario



Image: Shows multiple users viewing the live camera feed simultaneously and an example of two-way audio communication with a delivery person.

5.5 Recording and Storage

The camera supports local and cloud storage options:

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot for local storage. The camera will record continuously or based on motion detection settings.
- **Cloud Storage:** Subscribe to the cloud storage service via the IPC360 Home app for secure off-site video storage.
- **Playback:** Access recorded footage through the app's playback feature.

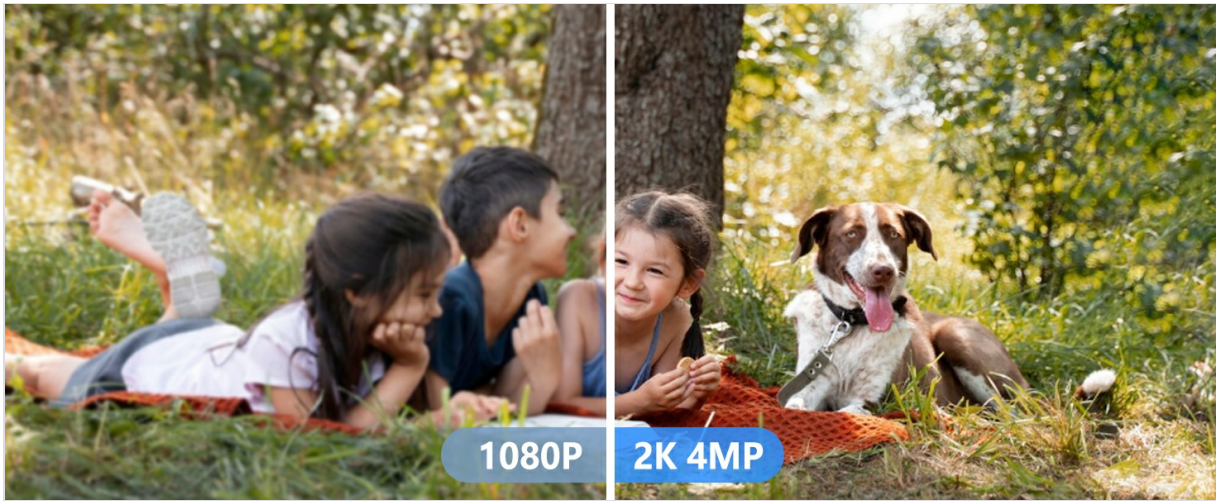


Image: Illustrates the two secure storage options: local storage via a Micro SD card (up to 128GB) and cloud storage, with a 30-day trial period for cloud services.

5.6 Multi-User Sharing

Share access to your camera with family members or colleagues:

- In the IPC360 Home app, navigate to the camera settings and find the sharing option.
- Invite other users by entering their account details. Up to 5 users can view the live feed simultaneously.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lenses with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the IPC360 Home app periodically for firmware updates. Keeping the firmware updated ensures optimal performance and security.
- **Power Supply:** Ensure the camera is connected to a stable power source. Avoid using unauthorized power adapters.
- **Environmental Conditions:** While the camera is IP66 weatherproof, avoid exposing it to extreme conditions beyond its specified operating range (-30°C to 40°C).



Image: The camera is shown to be IP66 weatherproof, capable of withstanding various extreme weather conditions including sunny days, stormy skies, and snowy environments.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	<ul style="list-style-type: none"> Incorrect Wi-Fi password. Camera too far from router. Router is 5GHz only (camera supports 2.4GHz). Network interference. 	<ul style="list-style-type: none"> Verify Wi-Fi password. Move camera closer to the router or use an Ethernet cable. Ensure your router supports 2.4GHz Wi-Fi. Restart router and camera.
No motion detection alerts	<ul style="list-style-type: none"> Motion detection disabled in app. Sensitivity set too low. App notifications blocked. 	<ul style="list-style-type: none"> Enable motion detection in IPC360 Home app. Increase detection sensitivity. Check phone's notification settings for the app.

Problem	Possible Cause	Solution
Poor image quality	<ul style="list-style-type: none"> ◦ Dirty lens. ◦ Insufficient lighting. ◦ Network bandwidth issues. 	<ul style="list-style-type: none"> ◦ Clean the camera lens. ◦ Ensure adequate lighting or switch to appropriate night vision mode. ◦ Check network speed; reduce video quality in app if necessary.
Two-way audio not working	<ul style="list-style-type: none"> ◦ Microphone/speaker permissions not granted to app. ◦ Volume too low. 	<ul style="list-style-type: none"> ◦ Check app permissions on your phone. ◦ Adjust volume settings in the app and on your phone.

8. SPECIFICATIONS

Feature	Detail
Model Number	GAD1031WT1
Brand	2NLF
Resolution	4MP (1440p video capture)
Lens Type	Triple Lens (2 fixed, 1 PTZ)
PTZ Rotation	330° Horizontal, 90° Vertical
Field of View	360° Panoramic
Night Vision Range	Up to 10 meters
Connectivity	2.4G WiFi, Ethernet
Storage Options	Micro SD card (up to 128GB, not included), Cloud Storage
Audio	Two-Way Audio
Weather Resistance	IP66 Waterproof
Operating Temperature	-30°C to 40°C
Power Input	12 Volts
Dimensions (L x W x H)	7.62 x 7.62 x 12.7 cm (3 x 3 x 5 inches)
Material	Acrylonitrile Butadiene Styrene (ABS)
Included Components	Camera, Power Adapter, User Manual, Mounting Screw Kit

9. WARRANTY AND SUPPORT

Your 2NLF 4MP PTZ 360° Triple Lens Outdoor Security Camera comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. For technical support, warranty claims, or any questions regarding your product, please contact 2NLF customer service through the retailer where you purchased the product or refer to the contact information provided in the IPC360 Home app. Please retain your proof of purchase for warranty purposes.