VIKVIZ PG2386IRCS-P

VIKVIZ PG2386IRCS-P 8MP Dual Lens PoE Security Camera User Manual

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your VIKVIZ PG2386IRCS-P 8MP Dual Lens PoE Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The VIKVIZ PG2386IRCS-P is an 8MP Dual Lens PoE Security Camera designed for outdoor surveillance. It features a 180° panoramic view, smart hybrid night vision, human and vehicle detection, two-way audio communication, and flexible storage options. The camera is built to withstand various weather conditions with its IP66 rating.

180°wide angle, every corner secured

2-in-1 Stitch Algorithm

180°

Image: The VIKVIZ 8MP Dual Lens PoE Security Camera captures a wide 180-degree panoramic view, securing every corner of the monitored area.

Image: The camera offers 180° panoramic dual night vision, providing both full-color and infrared (IR) night vision up to 30 meters.

Your browser does not support the video tag.

Video: This video demonstrates the 180-degree dual lens functionality of the VIKVIZ security camera, showcasing its wide field of view and smooth operation.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package. If any items are missing or damaged, please contact customer support.

- VIKVIZ PG2386IRCS-P 8MP Dual Lens PoE Security Camera
- Quick Start Guide (Instruction Manual)
- Waterproof Cap
- Mounting Screws and Wall Plugs

IP66 Water and dust resistant

Built-in SD card slot supports up to 512GB

Built-in Microphone

4MP (3840x1080) 2 x 1/2.9" GC2063 CMOS

White light x 2

IR Range x 2

DC 12V

RJ45 PoE Port

Package Includes

4MP Camera	Quick Start Guide	Waterproof cap	Camera installation package

POE IP Camera Quick Start Guide

Image: The package includes the 4MP camera, a quick start guide, a waterproof cap, and a camera installation package with mounting screws.

4. SETUP

4.1 Physical Installation

1. **Choose a Mounting Location:** Select a suitable outdoor location that provides the desired viewing angle and is within reach of your network cable. Ensure the surface is stable enough to support the camera.
2. **Drill Pilot Holes:** Use the provided mounting template (if available) or mark the positions for drilling. Drill pilot holes for the mounting screws.
3. **Secure the Camera:** Attach the camera securely to the mounting surface using the provided screws and wall plugs.
4. **Connect Network Cable:** Connect an Ethernet cable from your PoE switch or injector to the camera's RJ45 PoE port. Ensure the waterproof cap is properly installed to protect the connection from moisture.
5. **(Optional) Connect DC12V Power:** If not using PoE, connect a DC12V power adapter (not included) to the camera's power input.

4.2 Initial Network Configuration

The camera is designed for Plug and Play operation with ONVIF compatible systems. For initial setup or if your network uses a different IP range, you may need to configure the camera's IP address.

1. **Connect to Network:** Ensure the camera is connected to your network via PoE or a separate power supply and Ethernet cable.
2. **Use a Search Tool:** Utilize a network search tool (e.g., AJDevTools, SADP Tool) on a computer connected to the same network to discover the camera's default IP address.
3. **Change IP Address (if necessary):** If your network uses a different subnet, modify the camera's IP address to match your network's range or enable DHCP.
4. **Set Password:** For security, you will be prompted to set a strong password for the camera during the initial access. Do not lose this password.

5. OPERATING INSTRUCTIONS

5.1 Remote Access

Access your camera remotely using the VideoLink APP, IVMS-4200, LMS Client, or a web browser.

- **Mobile App:** Download the VideoLink APP (or Hik-connect if compatible) from your device's app store. Follow the in-app instructions to add your camera using its UID or IP address.
- **PC Application:** Install IVMS-4200 or LMS Client on your computer for comprehensive management and viewing.
- **Web Browser:** Access the camera's web interface by entering its IP address into a web browser (e.g., Google Chrome, Microsoft Edge, Mozilla Firefox).

Image: Remote access is available anytime, anywhere via the VideoLink APP, PC applications like IVMS-4200, and web browsers on various devices.

5.2 Live View and Playback

Once connected, you can view live footage, access recorded videos, and configure camera settings through the chosen application or web interface.

6. FEATURES

6.1 180° Panoramic View

The dual-lens design provides an ultra-wide 180° panoramic view, minimizing blind spots and offering comprehensive coverage of large areas.

6.2 Smart Hybrid Night Vision

The camera automatically switches between infrared (IR) black and white night vision and full-color night vision. When human motion is detected, warm LEDs illuminate, providing clear color footage. IR night vision range is up to 100ft (30m).

Light mode can be adjusted in browser settings.

Your browser does not support the video tag.

Video: This video demonstrates the look and function of the 8MP IP camera, including its night vision capabilities and overall performance.

6.3 Human/Vehicle Detection

Advanced algorithms accurately distinguish between humans and vehicles, significantly reducing false alarms. You can define specific monitoring routes and areas. Real-time notifications are sent to your app upon detection.
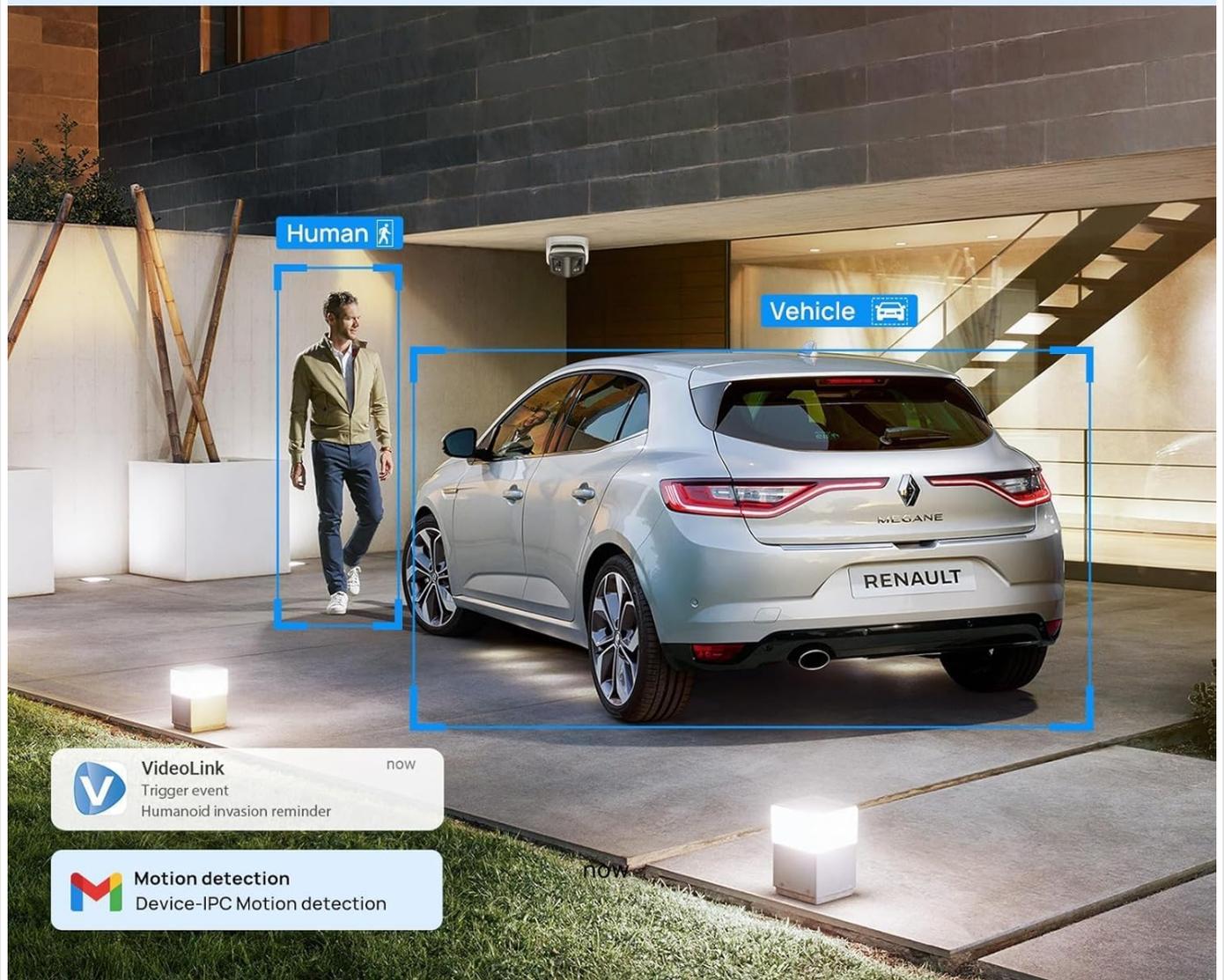

Image: Smart human and vehicle detection reduces unnecessary alarms, providing accurate monitoring and real-time alerts.

6.4 Two-Way Audio

The built-in microphone and speaker enable real-time two-way conversations. This feature allows you to communicate with visitors or deter intruders remotely.

Image: The camera features two-way audio, allowing for real-time voice communication with individuals at your door.

6.5 Flexible Storage Options

The camera supports local storage via an SD card (up to 512GB, not included) for 24/7 recording. It is also compatible with most third-party NVRs (Network Video Recorders) that support ONVIF.

Image: Flexible storage options include support for up to a 512GB microSD card (not included) and compatibility with multiple third-party NVRs for 24/7 recording.

6.6 IP66 Weather Resistance

The camera is rated IP66, ensuring it is dust-tight and protected against powerful water jets. This makes it suitable for reliable operation in various outdoor weather conditions, from cold to hot temperatures.

7. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the manufacturer's website or your app for available firmware updates to ensure optimal performance and security.
- **Cable Inspection:** Periodically inspect all cables and connections for wear or damage, especially the waterproof cap on the RJ45 port.

8. TROUBLESHOOTING

- **No Image/Video:**

    - Check power supply (PoE or DC12V adapter).
    - Verify network cable connection.
    - Ensure the camera's IP address is correctly configured and accessible on your network.

- **Poor Image Quality:**

    - Clean the camera lens.
    - Check for obstructions in the camera's field of view.
    - Adjust image settings (brightness, contrast, WDR) in the camera's web interface or app.

- **False Alarms:**

    - Adjust sensitivity settings for human/vehicle detection.
    - Define specific motion detection zones to exclude irrelevant areas.

- **Remote Access Issues:**

    - Ensure your network has internet access.
    - Verify correct port forwarding settings on your router if accessing directly via IP.
    - Check firewall settings on your network.

9. SPECIFICATIONS

Feature	Description
Model Name	PG2386IRCS-P
Video Capture Resolution	4K (8MP)
Effective Video Resolution	8 Megapixels
Frame Rate	3840×1080@20 fps
Viewing Angle	170 Degrees (180° Panoramic)
Night Vision Range	100 Feet
Connectivity Technology	PoE, ONVIF (Wired)
Power Source	DC12V or PoE
Indoor/Outdoor Usage	Outdoor
International Protection Rating	IP66
Flash Memory Supported Size Maximum	512 GB (SD Card)
Audio Visual Recording Capabilities	Audio, Video

Special Feature	8MP Dual-Lens, Panoramic 180° Wide Angle, Smart Color Night Vision, Two-Way Talk, SD Card Record (512G)
Material	Metal
Item Weight	1.5 pounds

10. WARRANTY AND SUPPORT

VIKVIZ provides a 2-year manufacturer warranty and lifetime technical support for this product. For warranty claims, technical assistance, or any inquiries, please contact VIKVIZ customer support through their official website or the contact information provided with your purchase.

For additional resources and FAQs, visit the VIKVIZ Store on Amazon.