VIKYLIN VK-YC2583I-28

VIKYLIN 8MP Fixed Dome PoE IP Camera Outdoor Instruction Manual

Model: VK-YC2583I-28
Brand: VIKYLIN

1. INTRODUCTION

This manual provides detailed instructions for the VIKYLIN 8MP Fixed Dome PoE IP Camera Outdoor, Model VK-YC2583I-28. This camera features 4K Ultra HD resolution, full-color night vision, human/vehicle detection, a built-in microphone, and Power over Ethernet (PoE) for simplified installation. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

2. PACKAGE CONTENTS

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

- 1x 4K PoE IP Dome Camera
- 1x Base Sticker
- 1x Instruction Manual
- 1x Screw Bag (containing screws for mounting)
- 1x Waterproof Kit

Labels on camera diagram:
- IP66 Waterproof
- 2 pcs IR&Warm-light dual-wick Led
- 8MP HD 2.8mm F1.6 fixed lens
- 12 VDC ± 10%
- RJ-45(100Mbps)

What's in the box

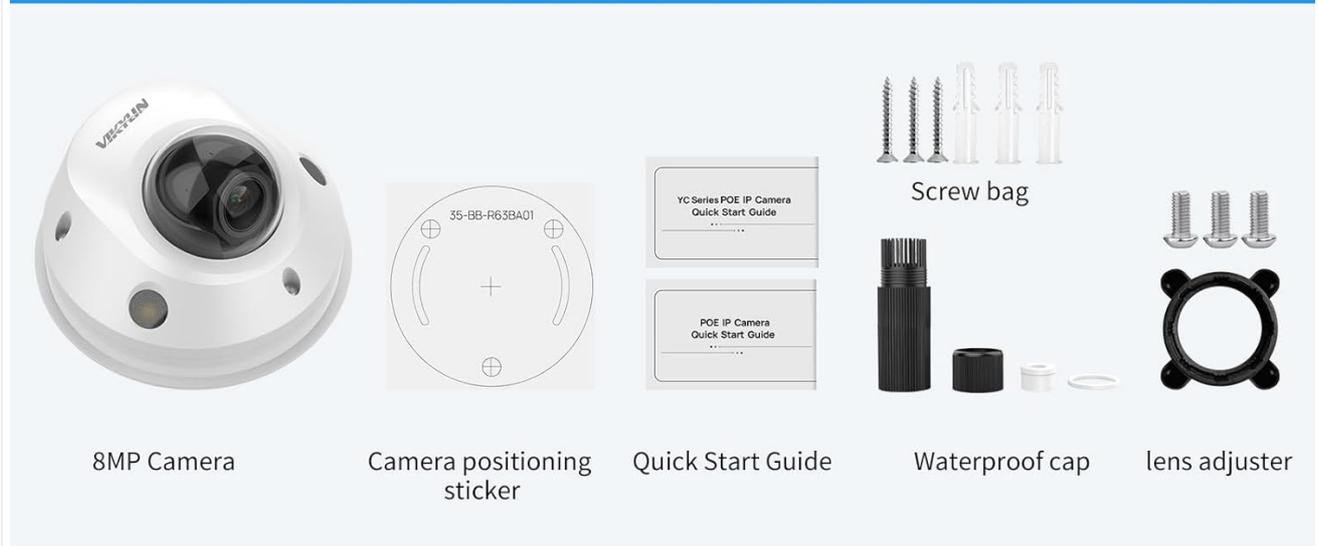| 8MP Camera | Camera positioning sticker | Quick Start Guide | Screw bag | Waterproof cap | lens adjuster |

Image: Package contents of the VIKYLIN 8MP Fixed Dome PoE IP Camera.

3. PRODUCT FEATURES

- **4K Ultra HD Resolution:** Provides clear image quality with 8MP (3840 × 2160) resolution at 20 frames per second, featuring a 1/2.8" 8 Megapixel Scan CMOS sensor and a 2.8mm fixed lens for a 112° ultra-wide viewing angle.

- **Full-Color Night Vision:** Equipped with F1.6 aperture and soft supplemental lighting, this camera provides detailed full-color video even in extremely dark scenes.

- **Smart Dual Light:** The camera intelligently switches between IR (infrared) and warm light illumination based on detection, ensuring optimal night vision while deterring intruders with a warm light flash.

- **Human/Vehicle Detection:** Advanced detection functions reduce false alarms by accurately identifying human and vehicle movement. Detection areas and sensitivity can be adjusted.

- **Built-in Microphone:** Capture clear audio from the camera's vicinity, allowing for one-way audio monitoring and recording.

- **Power over Ethernet (PoE):** Simplifies installation by providing both power and data connection through a single Cat 5 or Cat 6 Ethernet cable.

- **Durable Design:** IP67 weatherproof and IK10 vandal-proof rating ensures reliable outdoor performance in various conditions.

- **Efficient Compression:** Utilizes H.265+/H.264 encoding technology to save bandwidth and storage space without compromising video quality.

Feature Demonstrations

Video: Demonstration of the camera's UltraHD 4K picture display quality.
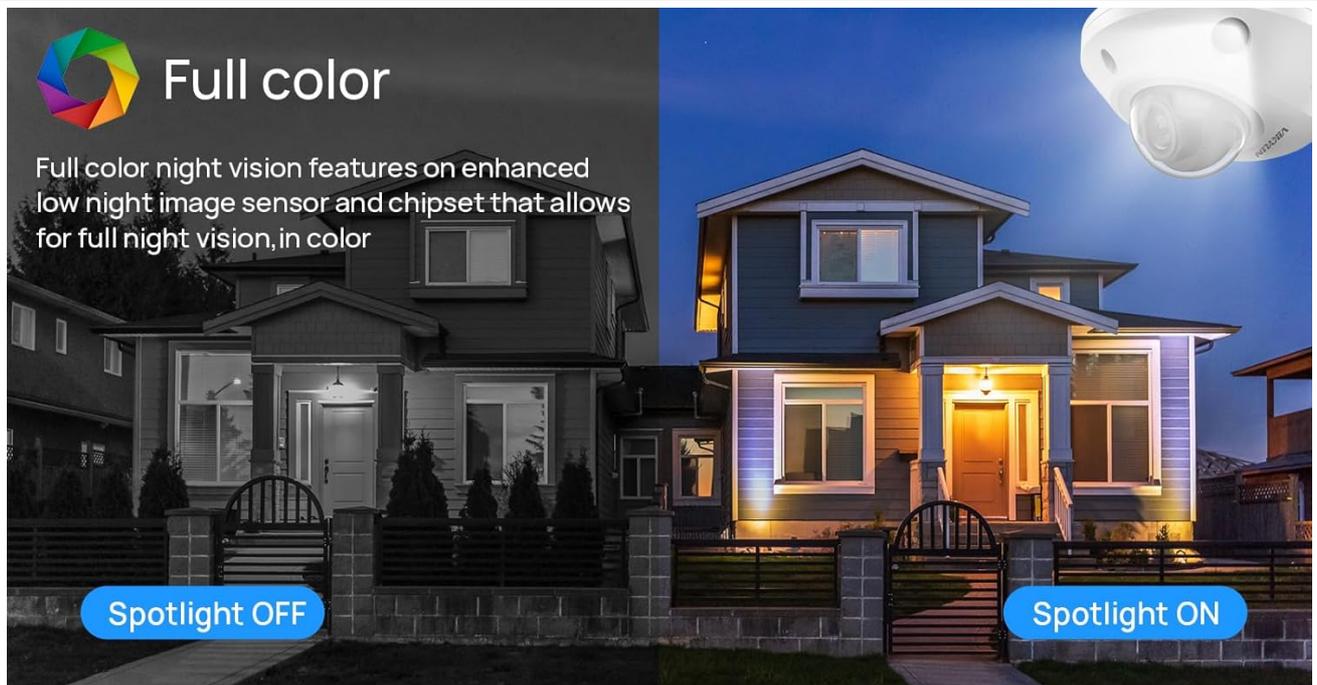
Image: Smart Dual Illuminators in action, providing full-color night vision when a target is detected.
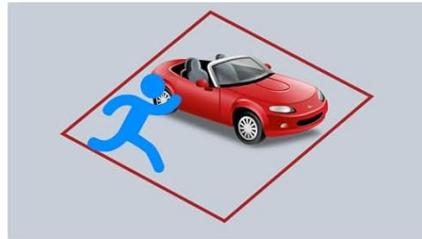
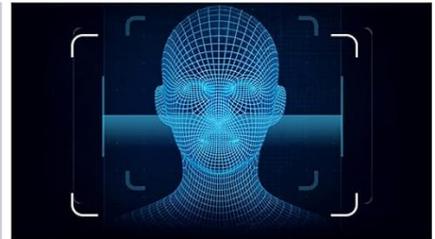Image: Human and Vehicle Detection capabilities, highlighting reduced false alarms.

Video: Full Color Camera Night Vision demonstration, showcasing clear imaging in low-light conditions.

Image: Built-in microphone feature allowing for one-way audio communication.

4. Setup and Installation

The VIKYLIN 8MP Fixed Dome PoE IP Camera is designed for easy installation using Power over Ethernet (PoE). A single Ethernet cable provides both power and data connectivity.

4.1 Physical Installation

1. **Choose Location:** Select a suitable indoor or outdoor location for mounting. The camera is IP67 rated for weather resistance and IK10 for vandal resistance.
2. **Mounting:** Use the provided base sticker as a template to mark drill holes. Secure the camera using the included screws.
3. **Cable Connection:** Connect a Cat 5 or Cat 6 Ethernet cable from the camera to a PoE injector, PoE switch, or PoE NVR. Ensure the waterproof kit is properly installed for outdoor use.

Image: Camera's IP67 weatherproof and IK10 vandal-proof design.

4.2 Initial Configuration

After physical installation, configure the camera using the web interface or mobile application.

1. **Connect to Network:** Ensure the camera is connected to your network via PoE.
2. **Discover Camera:** Use a PC software like VMS or SADP Tool to search for the camera device on your network.
3. **Access Web Interface:** Open a web browser and enter the camera's IP address. Log in using the default credentials (usually admin/admin or admin/12345).
4. **Enable P2P:** Navigate to Configuration > Network > P2P and enable the P2P function. Scan the QR code to add the device to your mobile app.

Video: Detailed guide on configuring the 4K Full Color PoE IP Dome Camera, including human/vehicle detection settings and night vision options.

5. OPERATING INSTRUCTIONS

Operate your VIKYLIN IP camera using the 'Remoteeyes' mobile app or compatible PC software.

5.1 Mobile App (Remoteeyes)

1. **Download App:** Download the 'Remoteeyes' app from the Apple App Store or Google Play Store.
2. **Add Device:** Use the P2P function (QR code scan) to add your camera to the app.
3. **Live View:** Access live video feeds from your camera anytime, anywhere.
4. **Playback:** Review recorded footage with smart playback features.
5. **One-Way Audio:** Utilize the built-in microphone for one-way audio communication.
6. **Alerts:** Receive real-time video/snapshot alerts on your mobile phone when human or vehicle detection is triggered.

Image: Real-time alerts and deterrent features in action.

5.2 PC Software and Third-Party Compatibility

The camera is compatible with free PC software (VMS) and third-party monitoring software such as Blue Iris, iSpy, and VLC. It supports the Open Network Video Interface protocol (ONVIF) and RTSP for integration with various

systems.

Local PC/NVR/NAS video storage is supported, with options for 24/7 recording or motion-triggered video to NVR or FTP.

6. MAINTENANCE

To ensure optimal performance and longevity of your VIKYLIN IP Camera, consider the following maintenance tips:

- **Regular Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Firmware Updates:** Check the manufacturer's website or app for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Cable Inspection:** Regularly inspect the Ethernet cable and connections for any signs of wear or damage, especially for outdoor installations.
- **Storage Management:** If using local storage (Micro SD card, NVR, NAS), ensure sufficient storage space is available and manage recordings as needed.

7. TROUBLESHOOTING

If you encounter issues with your VIKYLIN 8MP Fixed Dome PoE IP Camera, refer to the following common troubleshooting steps:

- **No Power/Connection:**
  - Verify the Ethernet cable is securely connected to both the camera and the PoE source (NVR, switch, or injector).
  - Ensure the PoE source is powered on and functioning correctly.
  - Check the cable for damage.

- **Cannot Access Camera:**
  - Confirm the camera's IP address using the SADP Tool or VMS software.
  - Ensure your computer or mobile device is on the same network as the camera.
  - Check firewall settings on your computer or router that might be blocking access.
  - Reset the camera to factory defaults if you have forgotten the password (a reset button is available on the camera).

- **Poor Image Quality:**
  - Clean the camera lens.
  - Check network bandwidth; insufficient bandwidth can affect streaming quality.
  - Adjust image settings (brightness, contrast, WDR) in the camera's web interface or app.

- **False Alarms:**
  - Adjust the sensitivity of human/vehicle detection.
  - Define specific detection zones to exclude areas with irrelevant motion (e.g., trees swaying).

For further assistance, please contact VIKYLIN customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	4K Dual-light Built-in Microphone PoE IP Dome Camera (VK-YC2583I-28-N)
Item Model Number	VK-YC2583I-28
Effective Still Resolution	8 MP (3840 x 2160)
Frame Rate	20 frames per second
Lens	2.8mm fixed lens, F1.6 Super Aperture
Viewing Angle	112° Ultra-wide
Night Vision Range	98 Feet (Full Color / IR View)
Low Light Technology	Night Color / IR, Smart Dual Light
Audio	Built-in Mic (One-way Audio)
Detection	Human/Vehicle Detection
Connectivity Technology	Ethernet (PoE)
Power Source	Corded Electric (PoE)
Storage	Local PC/NVR/NAS Video Storage, supports up to 256GB Micro SD card (not included)
Compatibility	PoE NVR, ONVIF, Blue Iris, iSpy, VLC, Remoteeyes App (iOS/Android), VMS PC software
International Protection Rating	IP67 (Waterproof)
Impact Protection	IK10 (Vandal-proof)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity	< 90%
Material	Metal
Product Dimensions	5.51 x 5.51 x 3.94 inches
Item Weight	1.17 pounds

VIKYLIN

4K ULTRA HD

NIGHT COLOR

8-Megapixel Night Color PoE

Outdoor Security Deterrent Turret IP Camera

MODEL: YC2583I-28

Φ4.7"

2.7"

Technical Specifications

CAMERA
Image Sensor: 1/2.7" CMOS sensor
UHD Resolution: Up to 8MP Ultra. HD (3840 x 2160)
Color Night Vision: Up to 98.4ft Wide
Dynamic Range: 120dB True WDR

VIDEO
Compression: H.265+/H.265/H 264
Frame Rate Mainstream: 4K (1-20fps)

INTELLIGENCE
SMD:Smart Human & Vehicle Detection

LENS
Lens Type: 2.8 mm F1.6 fixed lens
IR Distance: 20-30M
Led: 2 Pcs IR&Warm-light dual-wick Led

STORAGE
Local PC-NAS-FTP-Other NVR
VideoLink Cloud

CONNECTION
Power over Ethemet: 1-RJ45, 100Mbps, POE optional

AUDIO
One-Way Audio
Built-in Mic

MOBILE VIEWING
VideoLink APP,
iOS and Android Devices

CONSTRUCTION
Weatherproof: IP67
Operating Temperature: -22°F -140°F
Weight: 1.44 lbs

Image: Technical specifications overview of the camera.

9. WARRANTY AND SUPPORT

VIKYLIN provides comprehensive support for its products.

- **Warranty:** The product includes a 2-year warranty.
- **Technical Support:** Lifetime technical support is available.
- **Contact Information:** For any questions or issues, please contact our support team via email at cairo@vikylin.com.
- **Protection Plans:** Extended protection plans are available for purchase separately (e.g., 2-Year Protection Plan, 3-Year Protection Plan, Complete Protect).