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OOSSXX 4K 8.0Megapixel

OOSSXX 4K 8MP PIR POE Extend Camera Instruction Manual

Model: 4K 8.0Megapixel

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your OOSSXX 4K 8MP PIR POE Extend Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

The OOSSXX 4K 8MP PIR POE Extend Camera is a high-resolution surveillance camera designed for both indoor and outdoor use. It features 4K Ultra HD video capture, PIR (Passive Infrared) detection for reduced false alarms, 2-way audio communication, and Power over Ethernet (PoE) for simplified installation.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 4K POE Extend Camera x 1
- 60 Feet Network Cable x 1
- Mounting Screws and Wall Anchors
- Quick Start Guide (if applicable)



Figure 2.1: OOSSXX 4K 8MP PIR POE Extend Camera with included 60-foot network cable.

3. PRODUCT SPECIFICATIONS

Feature	Specification
Indoor/Outdoor Usage	Indoor, Outdoor
Video Capture Resolution	3840 x 2160 (4K 8-Megapixel)
Connectivity Technology	PoE Wired
Viewing Angle	130 Degrees
Night Vision Range	Up to 65 Feet
Water Resistance Level	IP66 Waterproof
Audio Features	2-Way Audio

Detection Type	PIR (Passive Infrared) and AI Detection
Video Encoding	H.265
Power Source	Corded Electric (PoE or DC 12V)
Material	Aluminum
Dimensions (L x W x H)	6 x 3 x 4 inches
Item Weight	1.98 pounds

4. SETUP AND INSTALLATION

4.1 Physical Installation

Follow these steps to physically mount your OOSSXX camera:

- Determine Mounting Location:** Choose a suitable indoor or outdoor location that provides the desired viewing angle and is within reach of your network cable. Ensure the surface is sturdy enough to support the camera.
- Mark Drill Holes:** Use the camera's mounting base as a template to mark the positions for drilling screw holes.
- Drill Holes:** Drill holes at the marked positions. For brick or concrete, insert the provided wall anchors.
- Mount Camera:** Secure the camera to the wall using the provided screws. Ensure it is firmly attached.

 [Video 4.1](#): This video demonstrates the physical installation steps for mounting the OOSSXX 4K 8MP PIR POE Extend Camera on a wall.

Professional Grade Wiring Port Waterproof

Network cable with connector and waterproof rubber ring which can be connected to the network interface of the camera it reach IP67 waterproof level.

Each camera with backup power interface the location without PoE power support, the camera can work with DC12V power supply



Waterproof for Connector



Figure 4.1: The camera features a professional-grade waterproof wiring port. Ensure the network cable is securely connected with the waterproof rubber ring to achieve IP67 waterproof level. The camera can also be powered by a DC12V power supply if PoE is not used.

4.2 Network Connection (PoE System)

The OOSSXX camera utilizes Power over Ethernet (PoE) for simplified installation, allowing both power and data transmission through a single Ethernet cable.

- 1. Connect Camera to NVR:** Connect one end of the provided 60-foot network cable to the PoE port on the camera. Connect the other end to a PoE LAN port on your Network Video Recorder (NVR).
- 2. Connect NVR to Router:** Connect the NVR's WAN port to your internet router using another Ethernet cable for remote access and online features.
- 3. Power On:** Ensure the NVR is powered on. The camera will receive power directly from the NVR via the PoE connection.

Video 4.2: This video illustrates how to connect the OOSSXX PoE camera to an NVR system.

AI WDR Function

Capture Finest Details in Place with Weak/Exposure Light



OOSSXX Version in WDR Mode



Other Version without WDR Function

Figure 4.2: Simplified diagram of a PoE installation, showing the camera connected to the NVR via an Ethernet cable, and the NVR connected to a router for network access.

5. OPERATING THE CAMERA

5.1 Mobile App Setup (Eseecloud/HonestView)

To access and control your camera remotely, download the free Eseecloud or HonestView app from the App Store (iOS) or Playstore (Android).

- 1. Download and Install:** Search for "Eseecloud" or "HonestView" in your device's app store and install it.
- 2. Create Account:** Open the app and follow the on-screen instructions to create a new user account.
- 3. Add Device:** Tap the "+" icon or "Add smart device" option within the app.
- 4. Scan QR Code:** Scan the QR code located on your NVR or camera body.
- 5. Complete Setup:** Follow the remaining prompts to configure network settings and name your device.

6. **Live View:** Once connected, tap the play button to view the live feed from your camera.

[REDACTED]

Video 5.1: This video provides a setup guide for the OOSSXX PoE surveillance system using the mobile application.

5.2 Key Features

- **4K Ultra HD Video:** The camera captures crystal clear 8.0MP video (3840 x 2160) for detailed surveillance.

4K Ultra HD

4K Ultra HD (8MP, 3840 × 2160) PoE camera delivers almost four times the clarity of 1080p



Figure 5.1: Visual comparison demonstrating the clarity of 4K 8MP resolution versus 1080P.

- **PIR and AI Detection:** Advanced algorithms and infrared detectors provide accurate human detection, reducing false alarms from environmental factors. Notifications are sent in real-time.

2023 NEW AI&PIR Double Detection Surveillance Camera

Double Security guarantee by AI human detection with
Passive infrared detection Camera

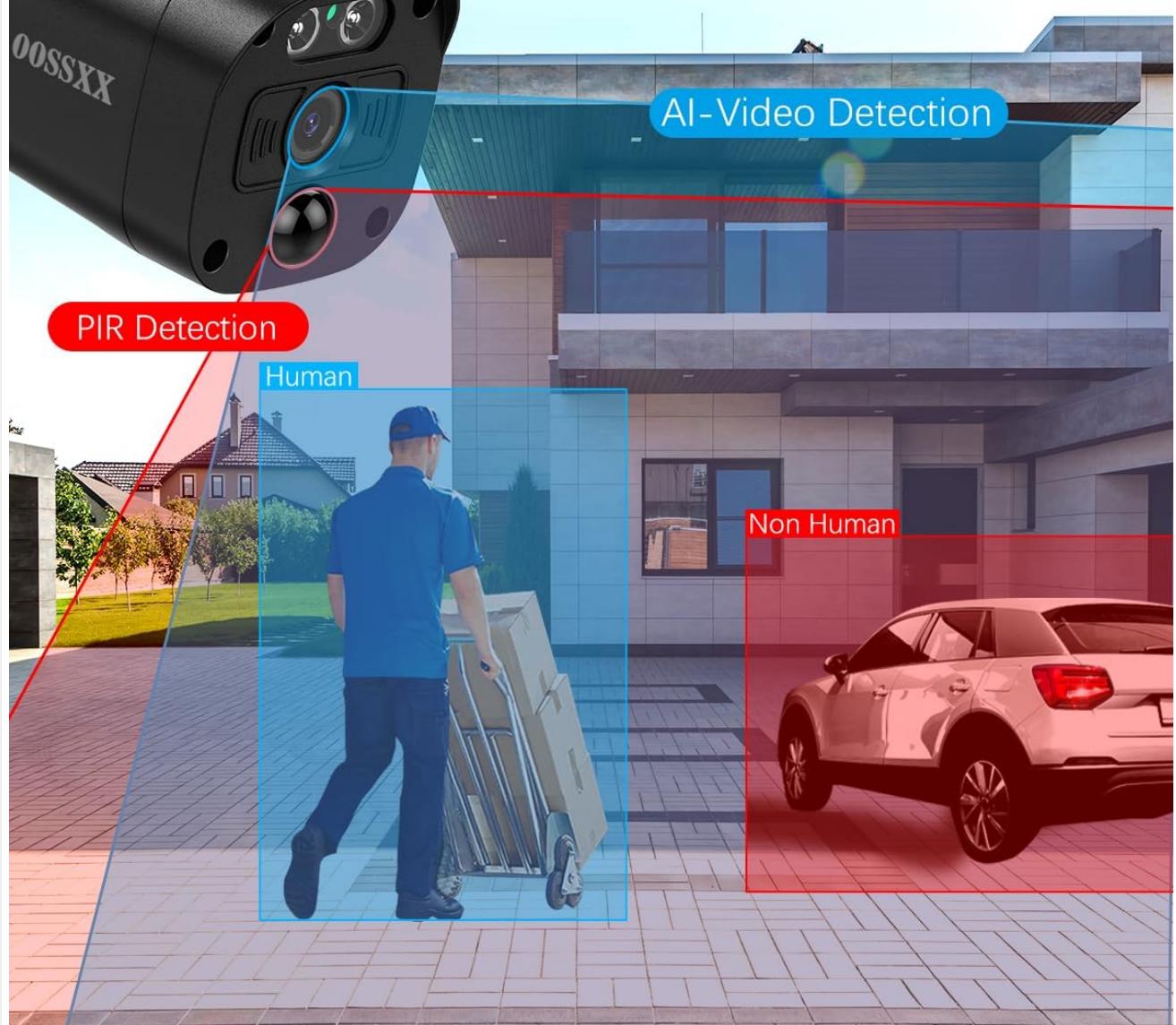


Figure 5.2: Illustration of PIR and AI video detection distinguishing between human and non-human movement.

- **2-Way Audio:** Communicate directly through the camera using the mobile app. This feature allows for real-time conversations.



2-Way Noise Reduction Audio

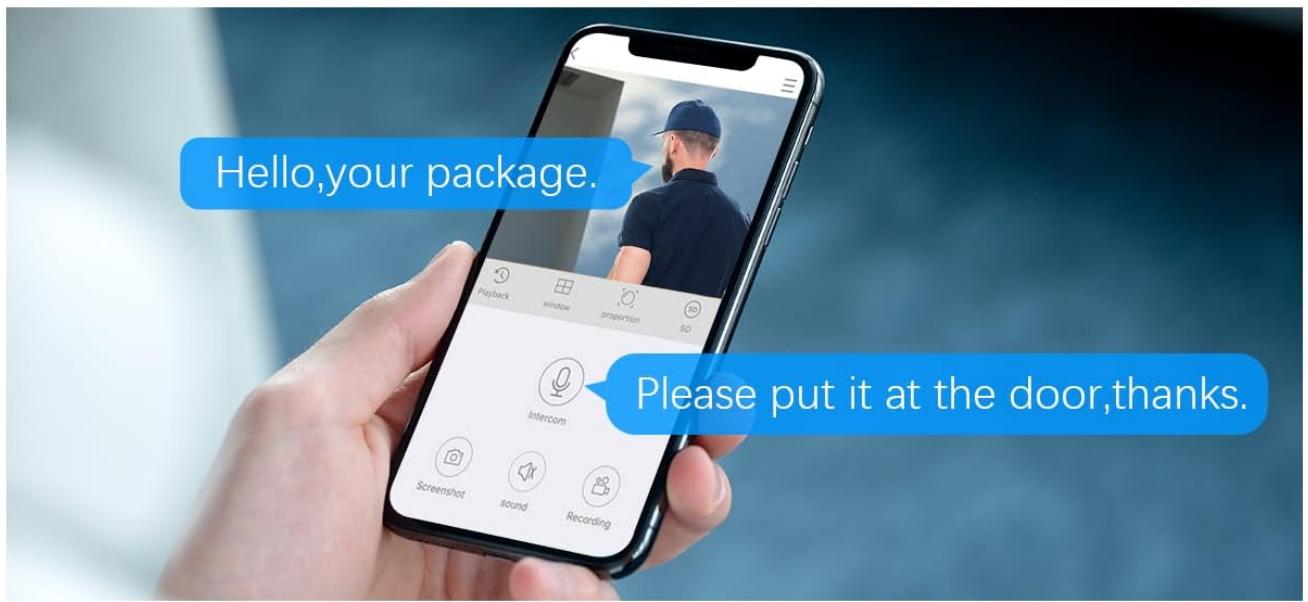


Figure 5.3: Example of two-way audio functionality, allowing communication with individuals near the camera.

- **130° Ultra Wide-Angle Lens:** The camera provides a wide field of view, minimizing blind spots.



Figure 5.4: Visual representation of the 130-degree ultra-wide angle lens coverage compared to a narrower 80-degree lens.

- **Night Vision:** Equipped with 3 infrared array LEDs, the camera offers high-quality night vision up to 65 feet (20 meters).
- **WDR Function:** Wide Dynamic Range (WDR) technology helps capture clear details in scenes with both very bright and very dark areas.

PoE - Installation Made Easy



Figure 5.5: Image demonstrating improved detail capture in varying light conditions with WDR enabled.

- **Multiple Recording Modes:** Supports manual, scheduled, and motion detection recording.

Multiple Recording Modes

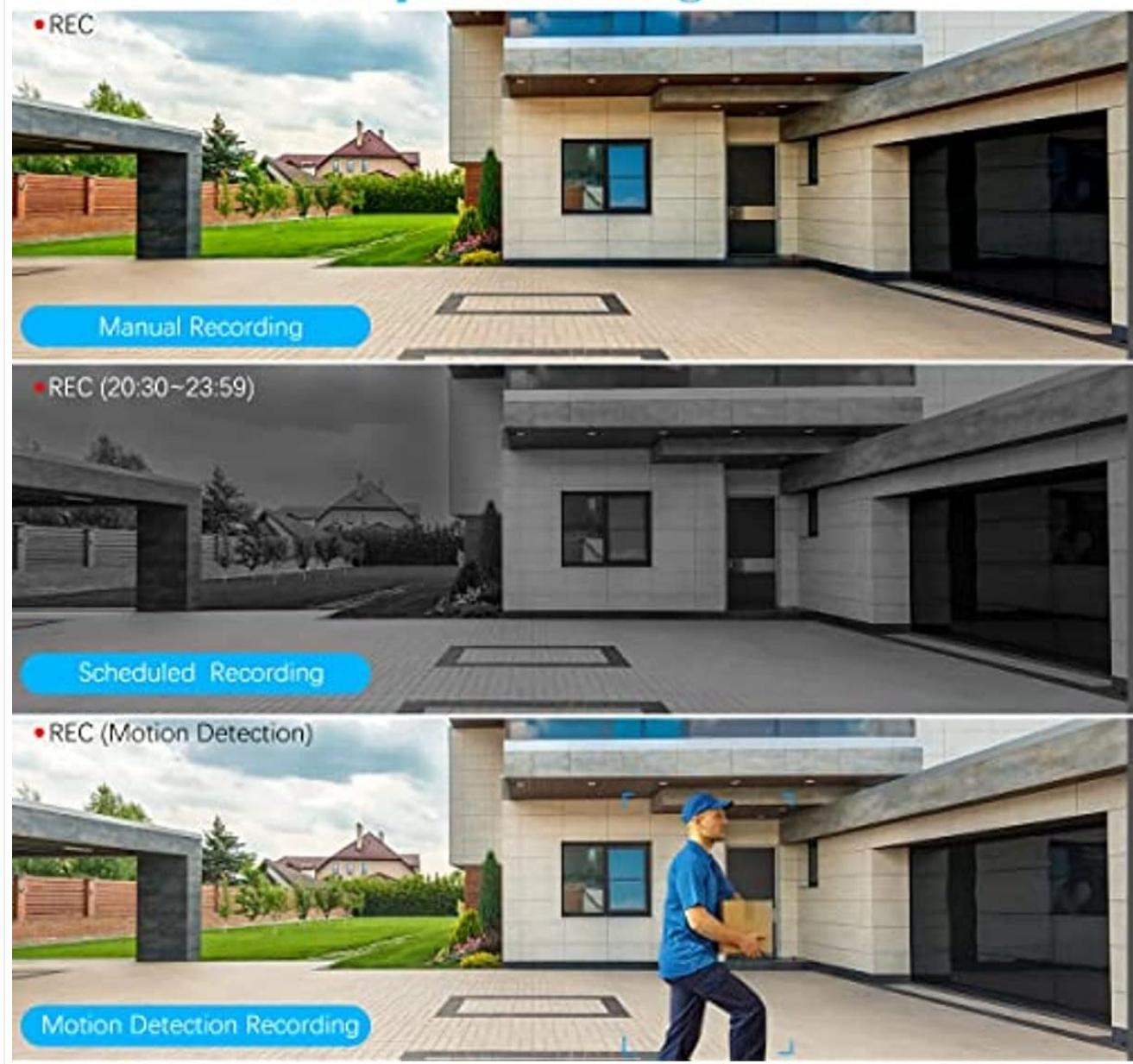


Figure 5.6: Examples of different recording modes: manual, scheduled, and motion detection activated recording.

6. MAINTENANCE

- **Regular Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners.
- **Firmware Updates:** Check the mobile app or manufacturer's website for available firmware updates to ensure optimal performance and security.
- **Cable Inspection:** Regularly inspect network cables for any signs of wear or damage, especially for outdoor installations.
- **Waterproof Seal:** For outdoor cameras, ensure the waterproof seals around connections remain intact.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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No video feed	No power to camera/NVR; Loose network cable; Network issue.	Check power supply to NVR. Ensure network cables are securely connected. Verify network connectivity.
Frequent false alarms	Motion detection sensitivity too high; Environmental factors (e.g., moving branches, insects).	Adjust motion detection sensitivity settings in the app. Utilize PIR and AI detection features to filter out non-human movement.
Poor night vision	Dirty lens; Obstruction; Insufficient IR illumination.	Clean the camera lens. Ensure no objects are blocking the IR LEDs.
Cannot connect to app	Incorrect network settings; NVR not connected to internet; App issues.	Verify NVR internet connection. Re-scan the QR code. Restart the app and NVR.

8. WARRANTY AND SUPPORT

OOSSXX products typically come with a 1-year warranty and lifetime technical support. For assistance, please contact OOSSXX customer service through their official channels or the retailer where the product was purchased.

For further support, visit the [OOSSXX Store on Amazon](#).

9. SAFETY INFORMATION

- Ensure all power connections are secure and meet specified voltage requirements.
- Do not attempt to disassemble or modify the camera, as this will void the warranty.
- Keep the camera away from extreme temperatures, strong magnetic fields, and corrosive environments.
- Dispose of electronic waste responsibly according to local regulations.