OOSSXX 4Cams-4TB

OOSSXX 5MP PTZ WiFi Outdoor Security Camera System with 16-Channel NVR (4Cams-4TB) User Manual

Model: 4Cams-4TB

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your OOSSXX 5MP PTZ WiFi Outdoor Security Camera System. This system includes 5-megapixel Pan-Tilt-Zoom (PTZ) cameras with two-way audio and a 16-channel Network Video Recorder (NVR) with a pre-installed 4TB hard drive. The system is designed for both indoor and outdoor surveillance, offering features such as auto-tracking, enhanced WiFi connectivity, and crystal-clear night vision.

2. WHAT'S IN THE BOX

Please verify that all components are present and in good condition upon unboxing.

- PTZ 5.0MP Wireless Security Camera (x4)
- 8.0MP 16-Channel NVR with Pre-installed 4TB HDD (x1)
- 10FT 12V1A Cable Power Supply for Camera (x4)
- 3FT Cable 12V2A Power Supply for NVR (x1)
- Remote Control (x1)

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Video: Unboxing the OOSSXX Wireless PTZ Camera System. This video demonstrates the contents of the package, including the NVR, cameras, power supplies, and accessories.

Image: Overview of the OOSSXX 5MP PTZ WiFi Outdoor Security Camera System, showing the NVR and four PTZ cameras.

3. SYSTEM SETUP

3.1 Physical Installation of Cameras

Follow these steps to securely mount your PTZ cameras:

1. **Determine Bracket Screw Hole Sizes:** Use the camera bracket as a template to mark the desired screw hole positions on the mounting surface.
2. **Drill Hole Positions:** Drill pilot holes at the marked positions.
3. **Insert Wall Anchors:** Gently tap the wall anchors into the drilled holes until flush with the surface.
4. **Mount the Camera:** Align the camera bracket with the anchors and secure it using the provided screws.

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Video: Animation demonstrating the installation process for the 5MP PTZ wireless cameras, including marking, drilling, and mounting.

3.2 Connecting the NVR and Cameras

Ensure all connections are secure before powering on the system.

- **NVR Power:** Connect the 12V2A power supply to the NVR's power port.
- **Network Connection:** For initial setup or wired connection, connect an Ethernet cable from the NVR's WAN port to your router. The NVR also supports direct WiFi connection to your home network.
- **Display Connection:** Connect the NVR to a monitor using an HDMI or VGA cable.
- **Camera Power:** Connect each camera to its respective 12V1A power supply. The cameras will automatically pair with the NVR.

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Video: Guide on connecting the wireless security camera system to the NVR, including power, network, and display connections.

Image: Illustrates the two transmission modes for the camera: wireless transmission and wired network transmission for stable video transfer.

3.3 Mobile App Setup

Access your security system remotely using the free "HonestView" app:

1. **Download App:** Download the "HonestView" app from your smartphone's App Store (iOS/Android).
2. **Register/Login:** Create an account or log in if you already have one.
3. **Add Device:** Click the "+" icon in the upper right corner of the app. Scan the QR code located on the NVR. The app will automatically set up the device.
4. **Live View:** Once connected, tap the play button to start live viewing your cameras.

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Video: Step-by-step guide on setting up the OOSSXX Wireless PTZ Security Camera System using the mobile application, including scanning the NVR's QR code for automatic setup.

4. OPERATING THE SYSTEM

4.1 Two-Way Audio

Each camera features a built-in microphone and speaker, enabling two-way communication. Use the "HonestView" app on your smartphone to speak with visitors or deter intruders.
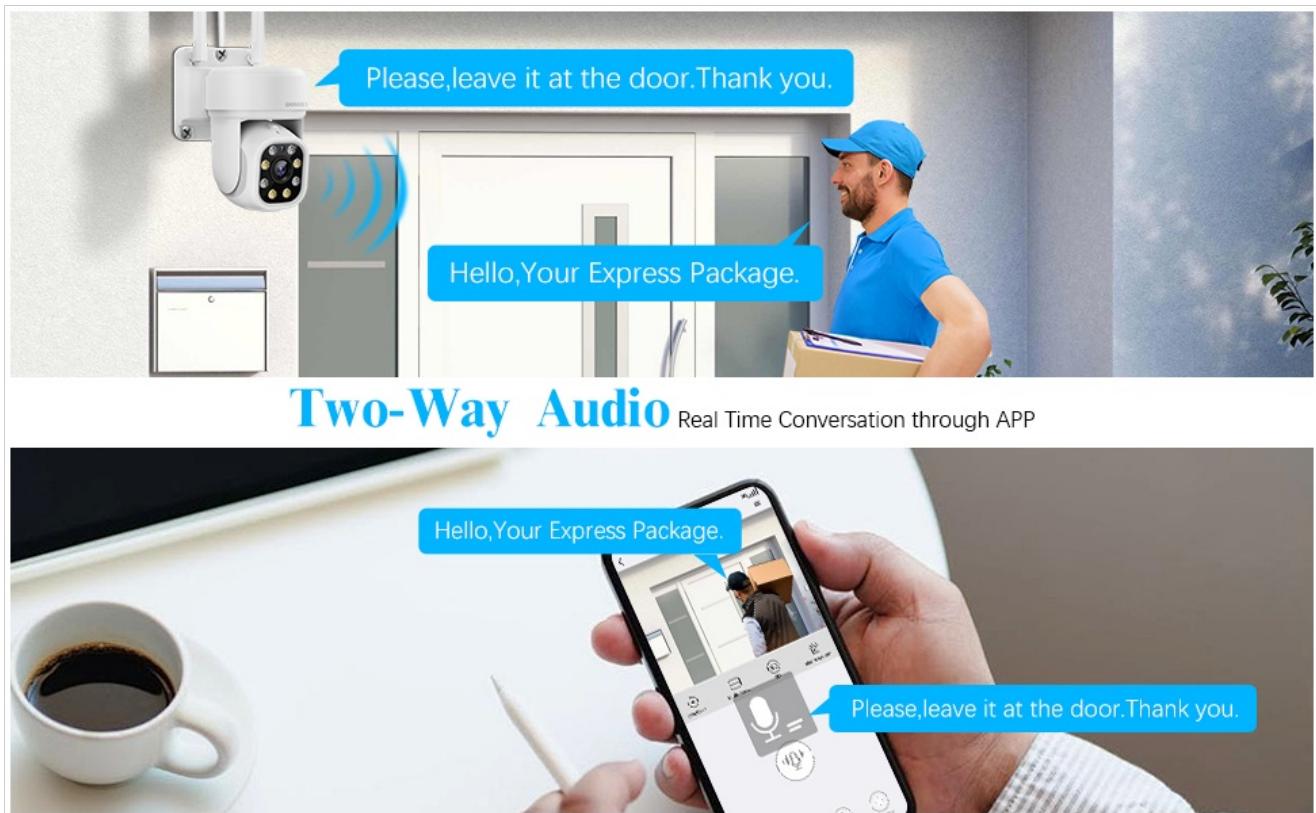

Image: Demonstrates the two-way audio feature, allowing real-time conversation through the mobile app with a person near the camera.

4.2 PTZ Control and Auto-Tracking

The PTZ cameras offer a 355° horizontal pan and 95° vertical tilt, providing comprehensive coverage. The auto-tracking feature allows the camera to automatically follow detected human movement within its field of view.

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Video: Demonstrates the 5MP PTZ camera's auto-tracking capabilities, showing it panning to follow movement.

Image: Illustrates the humanoid tracking and pan/tilt functionality of the camera, showing its ability to rotate 355° horizontally and 95° vertically.

Crystal-clear Night Vision
with 8pcs infrared light

Image: Shows the camera's 360° viewing capability, designed to cover a wide area and eliminate blind spots.

4.3 Night Vision

Equipped with 8 Infra-Red LEDs, the cameras provide clear night vision up to 80 feet (24 meters) in darkness.
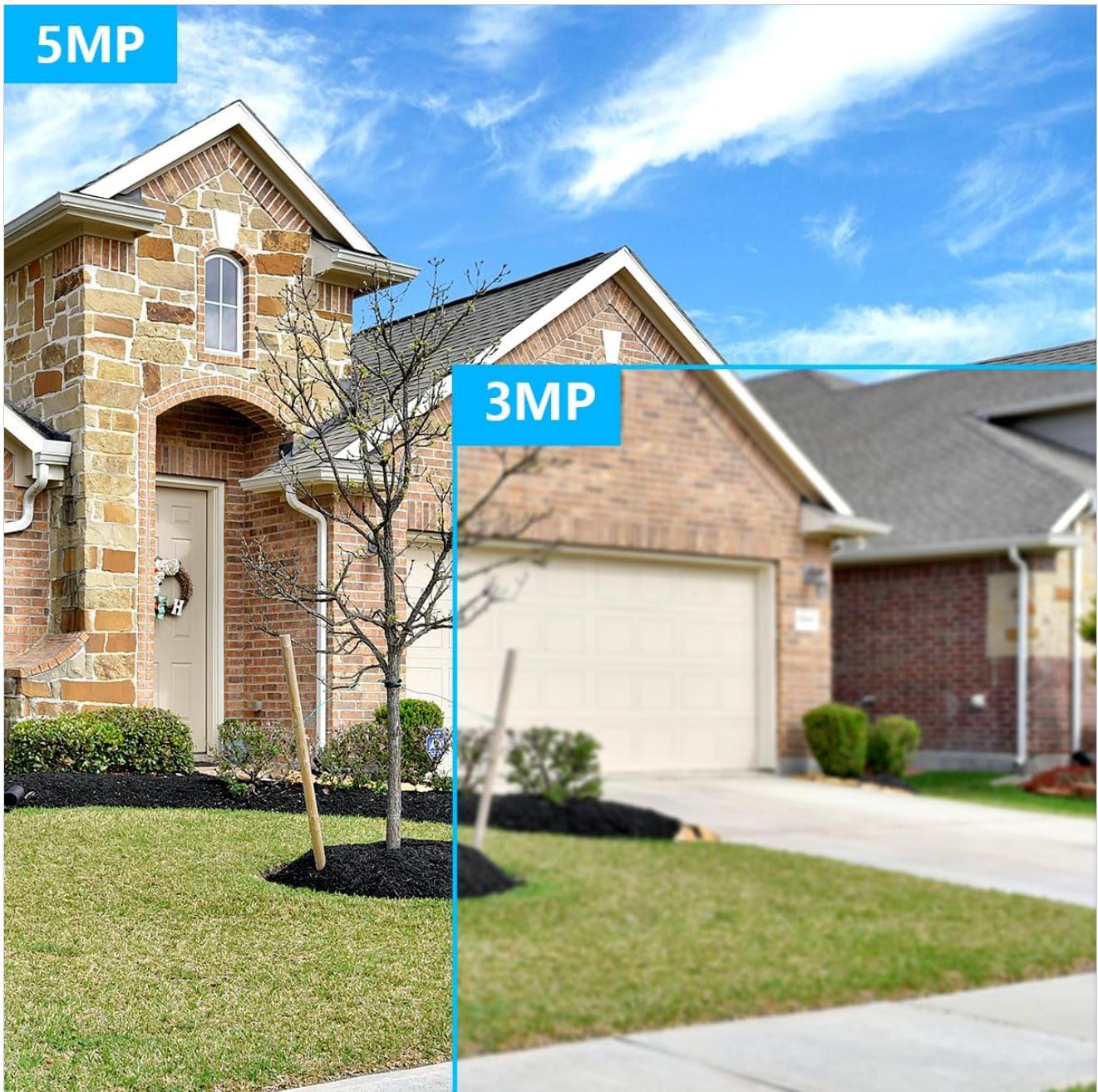
Image: Depicts the camera's crystal-clear night vision feature, highlighting its effectiveness in low-light conditions with infrared illumination.

4.4 Video Quality and Storage

The 5-megapixel cameras deliver clear video resolution (2592x1944). The NVR includes a 4TB hard drive, supporting over 4 months of continuous video and audio recording using H.265+ compression technology.

Image: Compares video quality with and without WDR (Wide Dynamic Range) function, showing improved detail in challenging lighting conditions with the OOSSXX version.

5. MAINTENANCE

- **Regular Cleaning:** Periodically clean camera lenses and housings with a soft, damp cloth to ensure optimal image clarity. Avoid abrasive cleaners.
- **Firmware Updates:** Check the "HonestView" app or OOSSXX website for available firmware updates to ensure your system has the latest features and security enhancements.
- **Hard Drive Health:** The NVR's 4TB hard drive is designed for continuous recording. Monitor its health through the NVR interface or app settings.
- **Environmental Protection:** The cameras are IP66 waterproof and dustproof, designed to withstand various weather conditions. Ensure proper installation to prevent water ingress.

Image: Highlights the IP66 waterproof and dustproof rating of the camera, indicating its durability in various outdoor weather conditions.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common solutions:

- **No Video/Offline Cameras:**

  - Ensure cameras are powered on and within range of the NVR's WiFi signal.
  - Check NVR's network connection (wired or wireless).
  - Restart the NVR and cameras.

- **Blurry/Stalled Video:**

  - Verify strong WiFi signal between cameras and NVR. Consider repositioning or using a wired connection if signal is consistently weak.
  - Clean camera lenses.

- **Inconsistent Motion Detection/Alerts:**

  - Adjust motion detection sensitivity and zones in the app or NVR settings.
  - Ensure cameras have a clear line of sight to the monitored area.
  - Check app notification settings and internet connectivity for timely alerts.

- **NVR Hard Drive Not Detected:**

  - Power cycle the NVR.
  - If the issue persists, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	OOSSXX
Connectivity Technology	Wired, Wireless
Video Capture Resolution	5MP (2592×1944)
Special Features	Auto Tracking, Dual Antenna Enhance, Human Detection, PTZ Technology, Two-Way Audio
Number of Channels	16
Memory Storage Capacity	4 TB
Power Source	Corded Electric
Item Dimensions (L x W x H)	11 x 13 x 7 inches
Operating System	Linux
Recommended Uses	Indoor, Outdoor
Compatible Devices	Cameras, Personal Computers, Smartphones, TV, Tablets
Low Light Technology	Night Vision
Night Vision Range	80 Feet (24 meters)
Frame Rate	15fps
Recording Mode	Event, Schedule
Total USB Ports	2
Hardware Interface	HDMI, USB, VGA
Lens Type	Varifocal
Video Input	RJ45, Wireless IP Camera
Viewing Angle	360 Degrees (PTZ)
Item Weight	10.73 pounds

8. WARRANTY AND SUPPORT

OOSSXX is committed to providing reliable products and customer service.

- **Warranty:** The product comes with a 1-year warranty. Registration may extend this warranty.
- **Technical Support:** Lifetime technical support is available.
- **Customer Service:** 24/7 online support is provided for any inquiries or assistance.
- **Contact:** Refer to the contact information provided in the product packaging or on the official OOSSXX website for support.