

xmartO WNP810-W6

xmartO Wireless Security Camera System User Manual

Model: WNP810-W6

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your xmartO Wireless Security Camera System. This system includes a 10-channel Network Video Recorder (NVR) and 3MP wireless IP cameras, designed for reliable home and business surveillance. Please read this manual thoroughly before setting up and using your system to ensure proper functionality and safety.



Figure 1: The xmartO Wireless Security Camera System, featuring the NVR unit and four wireless cameras.

SETUP

Package Contents

Before you begin, please verify that all components are present in your package:

- xmartO 10-Channel NVR (WNP810-W6)
- 3MP Wireless IP Cameras (Quantity as per package)
- Power Adapters for NVR and Cameras
- USB Mouse
- Ethernet Cable
- Mounting Screws and Anchors
- Quick Start Guide

NVR Installation

The NVR is the central unit for recording and managing your cameras. It features dual WiFi modules: one for connecting to cameras and another for internet access.

1. **Connect Power:** Plug the NVR power adapter into the '12V DC in' port on the back of the NVR and then into a power outlet.

2. **Connect Monitor:** Connect a monitor to the NVR using either the HDMI output or VGA port.
3. **Connect Mouse:** Plug the USB mouse into one of the USB ports on the NVR.
4. **Network Connection (Optional):** For wired internet access, connect an Ethernet cable from your router to the NVR's Ethernet port. The NVR also supports wireless internet connection via its built-in WiFi.



Figure 2: Detailed view of the NVR's ports and indicators, including power, video outputs, USB, and network connections.

Camera Installation and Placement

The cameras are IP66 weatherproof, suitable for both indoor and outdoor use. They connect wirelessly to the NVR.

1. **Power On Cameras:** Connect each camera to its respective power adapter and plug it into a power outlet. The cameras will automatically attempt to pair with the NVR.
2. **Strategic Placement:** Position cameras to cover desired areas. Consider the NVR's WiFi range and potential obstacles. The system utilizes WiFi 6 for improved speed and coverage.
3. **Mounting:** Use the provided screws and anchors to securely mount the cameras to walls or ceilings. Ensure the camera's antenna is positioned for optimal signal reception.

Built-in Microphone



Figure 3: An xmartO camera installed outdoors, highlighting its IP66 weatherproof design.

5G/ 2.4G Dual Band WiFi 6 Performance

Much Faster Speed and Larger Coverage



Figure 4: Illustration of the NVR's dual-band WiFi 6 performance, showing extended coverage within a home environment.

OPERATING THE SYSTEM

Live View and Recording

Once the NVR and cameras are powered on, you can view live footage on the connected monitor.

- **Live Display:** The NVR's interface will display live feeds from all connected cameras. You can switch between single-camera view and multi-camera grid view.
- **Recording:** The NVR supports continuous recording and motion-triggered recording. Configure recording schedules and modes via the NVR's menu.
- **Playback:** Access recorded footage through the playback menu. You can search by date, time, and event type (e.g., motion detection).

4K 10-channel NVR

Brand New UI Linux OS



Figure 5: The NVR's user interface displayed on a monitor, showing multiple camera feeds simultaneously.

Motion Detection and Alerts

The system can detect motion and send instant alerts to your mobile device.

- **Configuration:** Set up motion detection zones and sensitivity levels through the NVR's menu.
- **Notifications:** Enable push notifications on the mobile app to receive instant alerts when motion is detected.



Figure 6: Visual representation of motion detection in action, with an alert displayed on a smartphone.

Instant Motion Detection Messages

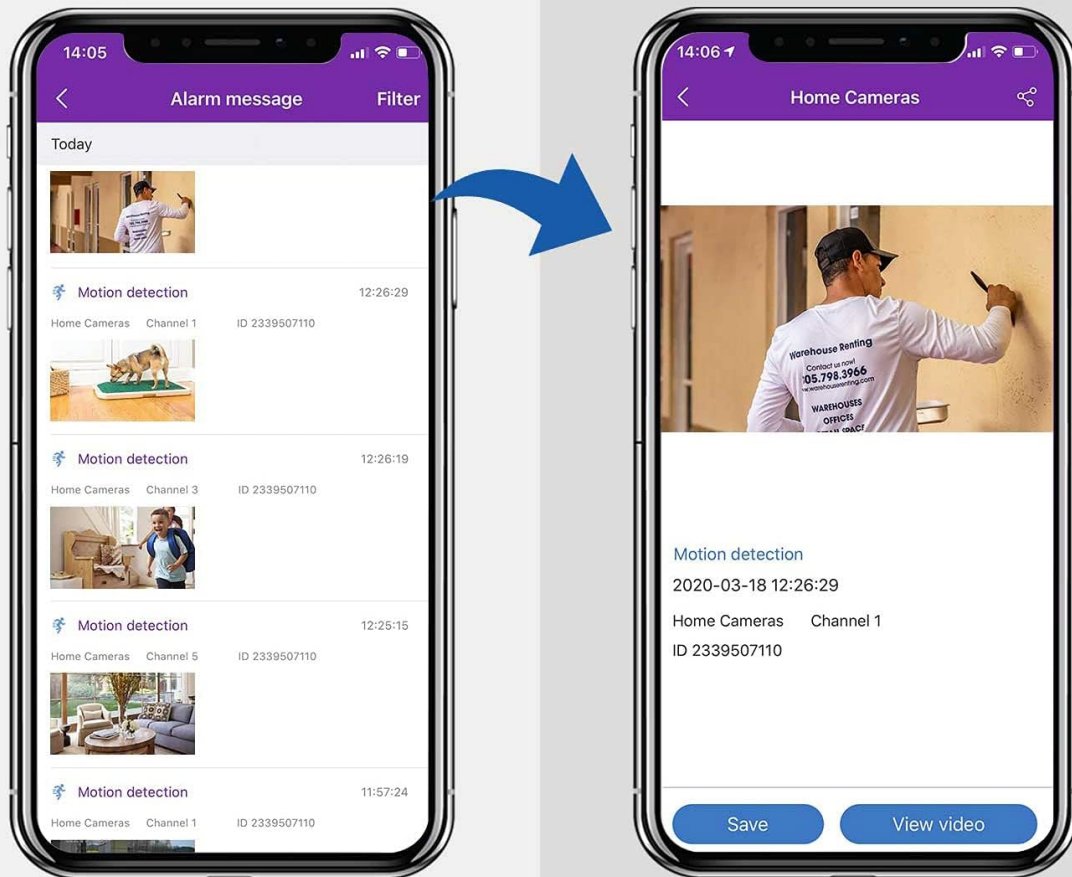


Figure 7: Example of instant motion detection messages and event details accessible via the mobile application.

Built-in Microphone

Each camera is equipped with a built-in microphone, allowing you to hear audio from the camera's vicinity.

- **Audio Monitoring:** Enable audio through the NVR interface or mobile app to listen to live audio feeds.
- **Recorded Audio:** Audio is recorded along with video footage, providing a comprehensive record of events.



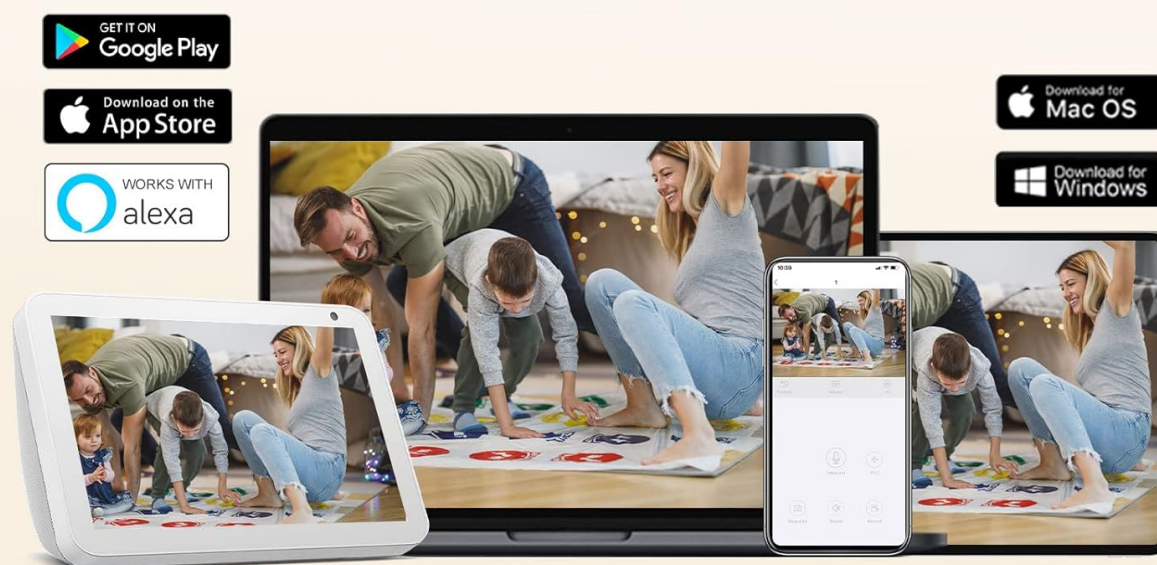
Figure 8: Demonstration of the camera's built-in microphone feature, allowing audio monitoring via the mobile app.

Remote Access (Mobile View)

The free mobile application allows you to view live feeds and playback recordings from anywhere, anytime.

- **App Download:** Download the xmartO app from your device's app store (available for iOS and Android).
- **Add NVR:** Scan the QR code on the NVR or manually enter its details to add it to your app.
- **Remote Viewing:** Access live views, playback, and receive alerts directly on your smartphone, tablet, or computer.

Easy Remote View on All Devices



Custom Siren



Footage
Playback



Instant
App Alert



Multi-user
Sharing

Figure 9: The system supports easy remote viewing across multiple devices, including smartphones, tablets, and computers.

MAINTENANCE

General Care

- **Cleaning:** Regularly wipe the camera lenses and NVR surfaces with a soft, dry cloth. Avoid abrasive cleaners.
- **Environment:** Ensure the NVR is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture.

Firmware Updates

Periodically check the xmartO official website or your NVR's system settings for available firmware updates. Keeping your system updated ensures optimal performance and security.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause / Solution
No video display on monitor	Check NVR power, monitor connection (HDMI/VGA), and monitor input source.
Cameras not connecting to NVR	Ensure cameras are powered on and within NVR's WiFi range. Re-pair cameras if necessary (refer to Quick Start Guide).
Poor video quality or lag	Check camera placement relative to NVR for optimal WiFi signal. Reduce interference from other wireless devices.
No remote view on mobile app	Ensure NVR is connected to the internet. Check network settings on NVR and mobile device. Verify app login credentials.
No recording	Verify recording schedule and mode settings. Ensure a compatible 3.5" SATA hard drive is installed (if applicable, as HDD is not included by default) and functioning correctly.

SPECIFICATIONS

Technical Specifications

Feature	Detail
Brand	xmartO
Connectivity Technology	Wired, Wireless
Video Capture Resolution	4K UHD 2160p (NVR support)
Number of Channels	10
Compatible Devices	Cameras, 3.5" SATA hard drives
Signal Format	Digital
Camera Features	3MP HD WiFi, IR night vision, IP66 weatherproof, built-in microphone
Frame Rate	15, 24, 30 (FPS)
Recording Mode	Continuous audio/video, Motion detection
Optical Sensor Technology	CMOS

Feature	Detail
Hardware Interface	802.11 ac/b/g/n (WiFi 6)
Lens Type	Wide Angle
Video Input	RJ45 (Ethernet)

WARRANTY AND SUPPORT

Warranty Information

xmartO offers a **1-Year Limited Warranty** on this product, covering manufacturing defects and malfunctions under normal use. Additionally, a **30-Day Money Back Guarantee** and free returns are provided for customer satisfaction.

Customer Support


For any technical assistance, troubleshooting, or warranty claims, please contact xmartO customer support. **24/7 Online Support 1-on-1** is available to assist you.








Figure 10: Overview of xmartO's after-sales support, including warranty and money-back guarantee.

For the most up-to-date support information and contact methods, please visit the official xmartO website or refer to the contact details provided in your product packaging.

Related Documents - WNP810-W6

	<p>XmartO IP Camera User Guide: Setup, Features, and Troubleshooting</p> <p>Comprehensive user guide for XmartO IP cameras, covering packing list, camera features, setup instructions for standalone use or NVR pairing, app navigation, motion detection, light control, and troubleshooting tips.</p>
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	<p>Xmarto IP Camera User Guide: Setup, Features, and App Usage</p> <p>Comprehensive user guide for Xmarto IP cameras, covering setup, camera parts, app features like live footage and playback, motion detection, settings, and troubleshooting. Learn how to install and use your Xmarto camera effectively.</p>
	<p>xmarto DY3034 IP Camera User Guide</p> <p>Comprehensive user guide for the xmarto DY3034 IP Camera, covering setup, app usage, camera settings, motion detection, recording, and NVR pairing. Learn how to install, configure, and operate your xmarto security camera.</p>
	<p>Xmarto Wire-Free Security Camera Quick Setup Guide</p> <p>A comprehensive quick setup guide for the Xmarto Wire-Free Security Camera, covering unboxing, initial setup, app integration, NVR pairing, installation, solar panel mounting, and troubleshooting.</p>
	<p>xmartO HD Wi-Fi Security Camera System User Guide</p> <p>Comprehensive user guide for the xmartO HD Wi-Fi Security Camera System, covering setup, live view, recording, mobile app usage, and PC/Mac connectivity.</p>
	<p>Xmarto Home & Business Security System Quick Setup Guide</p> <p>This guide provides a quick setup for the Xmarto Home & Business Security System, covering unboxing, NVR and camera introductions, system connection, remote access via smartphone and PC/Mac, positioning, pairing, and frequently asked questions.</p>