

xmartO WPK13822-1TB

xmartO Hybrid Wireless Security Camera System WPK13822-1TB User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the installation, configuration, and operation of your xmartO Hybrid Wireless Security Camera System, model WPK13822-1TB. This system includes an 8-channel 1080p Network Video Recorder (NVR), two 960p wireless Pan-Tilt (PT) cameras with built-in audio, and two 960p fixed-angle WiFi bullet cameras. Please read this manual thoroughly before use to ensure proper setup and optimal performance.

2. PACKAGE CONTENTS

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

- 1x 8-Channel 1080p NVR with 1TB Hard Drive
- 2x 960p Wireless Pan-Tilt (PT) Cameras
- 2x 960p Fixed-Angle WiFi Bullet Cameras
- Power Adapters for NVR and Cameras
- USB Mouse
- Ethernet Cable
- Mounting Screw Kits
- User Guide



Image 2.1: Overview of the xmartO Hybrid Wireless Security Camera System package contents, including the NVR, four cameras, power adapters, mouse, and cables.

3. SYSTEM SETUP

3.1 Initial Connection

1. **Connect NVR:** Connect the NVR to a power outlet using the provided power adapter. Connect the NVR to a monitor via HDMI or VGA cable. Connect the USB mouse to the NVR.
2. **Connect Cameras:** Plug each camera into a power outlet using its respective power adapter. The cameras will automatically attempt to pair with the NVR.
3. **Network Connection (Optional but Recommended):** For remote viewing and firmware updates, connect the NVR to your home router using the supplied Ethernet cable.



Image 3.1: The xmartO NVR and four cameras, illustrating the main components of the security system.

3.2 Camera Placement and Wi-Fi Range

Optimal camera placement is crucial for effective surveillance and stable wireless connection. Consider the following:

- **Line of Sight:** For best signal strength, position cameras with a clear line of sight to the NVR or to other cameras acting as Wi-Fi relays.
- **Wi-Fi Relays (Dream Liner Tech):** The system supports cameras acting as Wi-Fi repeaters. If a camera is too far from the NVR, placing another camera between them can extend the signal range.

XMARTO Dream Liner Tech

Boost the WiFi Distance



XMARTO Dream Liner WiFi Relay Technology
Boost WiFi Range to 2 - 3 Times

Image 3.2: Diagram illustrating the xmartO Dream Liner Wi-Fi Relay Technology, where cameras can extend the wireless range by acting as signal repeaters.

Router Built-in NVR



Hassle-Free to Your
Home WiFi

Image 3.3: Illustration of the xmartO NVR's built-in router, which creates a dedicated wireless network for the cameras, reducing reliance on home Wi-Fi.

4. OPERATING THE SYSTEM

4.1 NVR Interface Overview

Upon booting, the NVR will display the live view from connected cameras. Use the USB mouse to navigate the on-screen menu. Right-click to access the main menu for settings, playback, and system configuration.

4.2 Pan-Tilt (PT) Camera Control

The two PT cameras offer flexible viewing angles. From the NVR interface or mobile app, you can remotely control the pan (horizontal) and tilt (vertical) movements of these cameras.

- **Pan Range:** Approximately 180 degrees.
- **Tilt Range:** Approximately 55 degrees.



Image 4.1: Diagram illustrating the 180-degree pan and 55-degree tilt capabilities of the xmartO PT cameras.

4.3 Recording and Playback

The NVR is equipped with a 1TB hard drive, capable of storing approximately 30 days of continuous 24/7 recording. Motion-activated recording is also available to conserve storage space.

- **Continuous Recording:** Records footage constantly.
- **Motion Detection Recording:** Records only when motion is detected, saving disk space and making event review easier.
- **Playback:** Access recorded footage through the NVR's menu or the mobile application.

1TB HDD in, records past 30 days 24*7,
with motion recording option



Image 4.2: Visual representation of the 1TB HDD inside the NVR and a mobile phone screen showing playback options for recorded video.

4.4 Audio Features

The PT cameras include built-in microphones for audio recording. The fixed-angle bullet cameras are audio compatible, meaning they can support external microphones (not included) if desired.



PT Cameras have built-in mic, common cams support external mics.

Image 4.3: Close-up of an xmartO PT camera lens, highlighting the built-in microphone for HD video with audio capabilities.

4.5 Mobile Application (WallPixel)

Download the "WallPixel" app from your smartphone's app store (available on iOS and Android) to access live view, playback, and control your cameras remotely.

See, hear, playback and control
from anywhere anytime



Image 4.4: A smartphone displaying the WallPixel app interface, showing live camera feed and control options, with app store icons for download.

5. MAINTENANCE

- **Cleaning:** Regularly clean camera lenses with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Periodically check the xmartO official website or your NVR's system settings for available firmware updates to ensure optimal performance and security.
- **Hard Drive Management:** The 1TB HDD will automatically overwrite the oldest footage when full. Back up important recordings as needed.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No camera image on NVR.	Camera not powered, out of Wi-Fi range, or not paired.	Ensure camera is powered. Relocate camera closer to NVR or another camera (for relay). Manually pair camera via NVR menu if necessary.
Poor Wi-Fi signal.	Obstructions (walls, metal), distance.	Utilize Dream Liner Wi-Fi Relay technology by positioning cameras strategically. Reduce obstructions.
Cannot access system remotely.	NVR not connected to internet, incorrect app settings.	Ensure NVR is connected to your home router via Ethernet. Verify network settings on NVR and app. Check router firewall settings.
PT camera not responding to controls.	Power issue, network lag, mechanical obstruction.	Check camera power. Ensure stable network connection. Inspect for physical obstructions.

7. SPECIFICATIONS

Feature	Detail
Model Number	WPK13822-1TB
NVR Channels	8-Channel (Supports up to 8 cameras)
NVR Video Resolution	1080p
Camera Resolution	960p
Included Cameras	2x 960p Wireless PT Cameras, 2x 960p Fixed-Angle WiFi Bullet Cameras
PT Camera Pan Range	180 degrees
PT Camera Tilt Range	55 degrees
Storage	1TB HDD (pre-installed)
Recording Modes	Continuous, Motion Detection
Audio	Built-in mic on PT cameras, audio compatible fixed cameras
Connectivity	Wireless (NVR built-in router), Ethernet
Special Features	Motion Sensor, Dream Liner Wi-Fi Relay Technology
Power Source	12V DC (via power adapters)
Operating Voltage	12 Volts
Infrared Night Vision	Yes

H.265 8CH NVR, add up to 4 more cameras to make your own combo



Image 7.1: Diagram showing the xmartO 8-channel NVR's compatibility with various xmartO camera types (PT, 4/6mm lens bullet cameras) and its expandability to add up to 4 more cameras.

8. WARRANTY AND SUPPORT



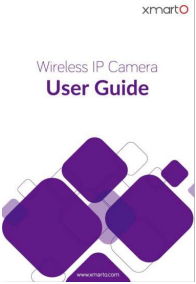



For warranty information, technical support, or service inquiries, please refer to the official xmartO website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Online Resources: Visit the xmartO official website for FAQs, updated manuals, and support contact information.



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This manual is for informational purposes only. Specifications are subject to change without notice.

	<p><u>XmartO HD Wi-Fi Security Camera System User Guide - Setup, Operation, and Features</u></p> <p>Comprehensive user guide for the XmartO HD Wi-Fi Security Camera System (models like WSS30822-1TB, WZ3034), covering setup, NVR and camera details, live view, recording, mobile app usage, PC/Mac client, and light control. Includes safety tips and system overview.</p>
	<p><u>xmartO Wireless NVR System User Manual - Installation, Operation & Features</u></p> <p>Comprehensive user manual for the xmartO Wireless NVR System (Ver. 2.0), covering installation, setup, device management, recording, playback, network configuration, and remote access for home and business surveillance.</p>
	<p><u>xmartO Wireless IP Camera User Guide - Setup, Features, and Specifications</u></p> <p>Comprehensive user guide for the xmartO Wireless IP Camera, covering setup, app usage, live footage, video playback, motion detection, recording schedules, advanced settings, NVR pairing, and technical specifications.</p>
	<p><u>XmartO IP Camera User Guide: Setup, Features, and Troubleshooting</u></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>
	<p><u>Xmarto Wire-Free Security Camera Quick Setup Guide</u></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><u>Xmarto IP Camera User Guide: Setup, Features, and App Usage</u></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>