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SMONET SN-WNK 002

SMONET Wireless Security Camera System User Manual

Model: SN-WNK 002

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SMONET Wireless Security Camera System. This system is designed to provide reliable surveillance with easy setup and remote access capabilities.



Image 1: Overview of the SMONET Wireless Security Camera System, showing the NVR unit and four bullet-style cameras with antennas, indicating wireless connectivity and 24/7 recording capability.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x 4CH 1080p WiFi NVR (Network Video Recorder)
- 4 x Wireless IP Cameras
- 1 x DC 12V/2A Power Adapter (for NVR)
- 4 x DC 12V/1A Power Adapters (for Cameras)
- 1 x USB Mouse
- 1 x 3.3ft Network Cable
- Mounting Screws and Wall Plugs
- 1 x User Manual

Package List



4CH 1080P wifi NVR



Wireless IP Cameras



Without HDD



DC 12V/2A Power Adapter
(for NVR)



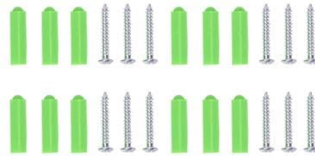
DC 12V/1A Power Adapter
(for Camera)



USB Mouse



3.3ft Network Cable



Mounting Screw



User Manual

Image 2: Visual representation of the package contents, including the NVR, four cameras, power adapters, USB mouse, network cable, mounting hardware, and user manual.

3. PRODUCT OVERVIEW

3.1 Camera Features

- **5DB Wi-Fi Antenna:** For enhanced wireless signal reception.
- **IP66 Metal Housing:** Provides weather resistance for outdoor use.
- **3 pcs LEDs:** For night vision illumination.
- **Light Sensor:** Automatically adjusts between day and night modes.
- **3.6mm Lens:** Offers a wide field of view.

3.2 NVR Ports

- **VGA Port:** Connect to a monitor.
- **HDMI Port:** Connect to a TV or monitor for high-definition output.
- **WAN Port:** Connect to your router for internet access.
- **USB Port:** For mouse and external storage.
- **Power Adapter:** For NVR power supply.

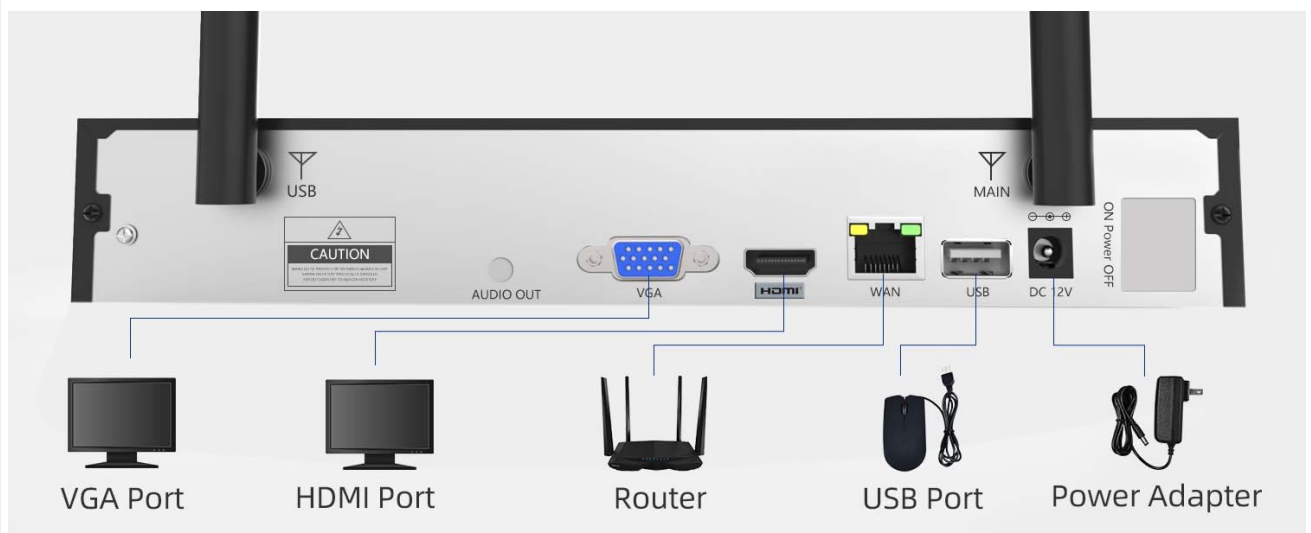


Image 3: Detailed diagram showing the dimensions of a SMONET camera and the various input/output ports on the back of the NVR unit.

4. SETUP

4.1 Camera Installation

1. Choose desired locations for your cameras. Ensure they are within range of the NVR's wireless signal.
2. Mount the cameras using the provided screws and wall plugs.
3. Connect each camera to its dedicated DC 12V/1A power adapter and plug it into a power outlet.



Image 4: Illustration depicting the simple setup process for the SMONET cameras, highlighting the 'Auto Pair, True Plug & Play' feature.

4.2 NVR Connection

1. Connect the NVR to a monitor or TV using either the VGA or HDMI port.
2. Connect the NVR to your home router using the provided network cable (WAN port).
3. Plug in the NVR's DC 12V/2A power adapter and power on the system.
4. The cameras should automatically pair with the NVR. If not, refer to the troubleshooting section.

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Video 1: A brief introduction to the SMONET Wireless Camera System, demonstrating the ease of setup and key features.

4.3 Hard Drive Installation (Optional)

This system does not include a hard drive. For continuous recording and video storage, a surveillance-grade hard drive (up to 4TB) must be installed. Refer to the detailed instructions in the full user manual for hard drive installation steps.

5. OPERATING THE SYSTEM

5.1 Remote Viewing via Mobile App

The SMONET system supports remote viewing via a dedicated mobile application. This allows you to monitor your cameras from anywhere using your smartphone or tablet.

1. Download the 'IP PRO' app from your device's app store (iOS or Android).
2. Register a new account within the app.
3. Add your NVR device by inputting its Cloud ID and the admin password. The Cloud ID can be found in the NVR's system settings (Main Menu > Advanced > Version > Serial Number).
4. Once connected, you can view live feeds from all connected cameras.



Image 5: Demonstrates remote access capabilities, showing live camera feeds on a smartphone, tablet, and laptop, accessible anytime, anywhere via the 'IP PRO' app.

5.2 Remote Viewing via PC Software

You can also view your camera feeds on a computer using the VMS software.

1. Download the VMS software to your computer.
2. Log in using the default username 'admin' and password (leave blank if not set).
3. In 'Device Manager', click 'Cloud Add' and enter your NVR's Cloud ID and password.
4. Once connected, navigate to 'Live View' to see your camera feeds.

Your browser does not support the video tag.

Video 2: A tutorial demonstrating how to view video from the SMONET system on a PC using the VMS software.

5.3 Motion Detection

The system features real-time motion detection. When motion is detected, cameras can send email alerts or mobile notifications to you, enhancing your property's security.

Real Time Motion Detection

When There's Motion Detected, Cameras will Send Email Alerts or Mobile Notifications to You in Real Time to Protect Your Property Security

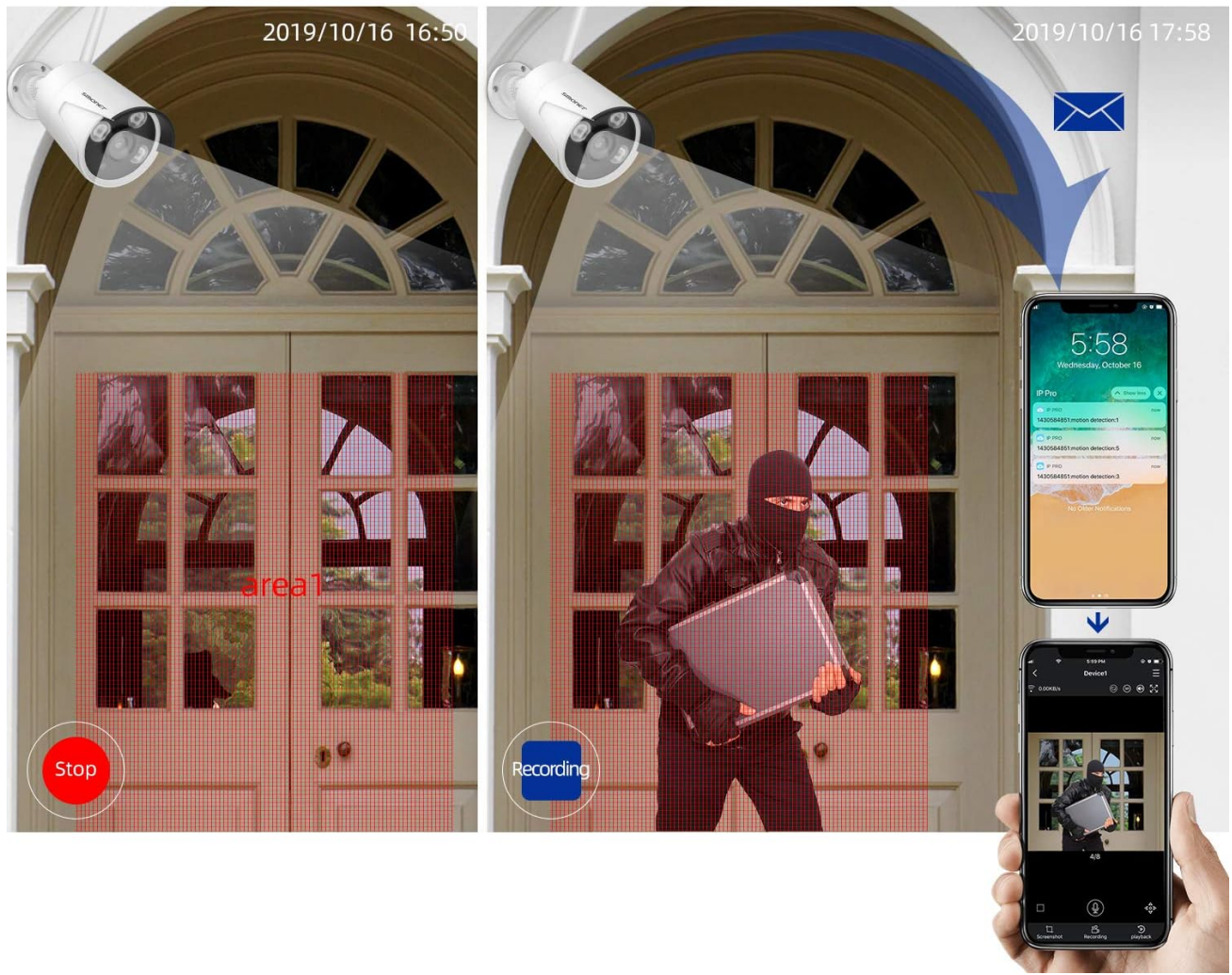


Image 6: Illustrates the real-time motion detection capability, showing an alert being sent to a smartphone when movement is detected in a monitored area.

5.4 Day and Night Vision

The cameras provide clear vision both day and night. During the day, you get colorful images, and at night, the infrared LEDs enable clear black and white night vision.

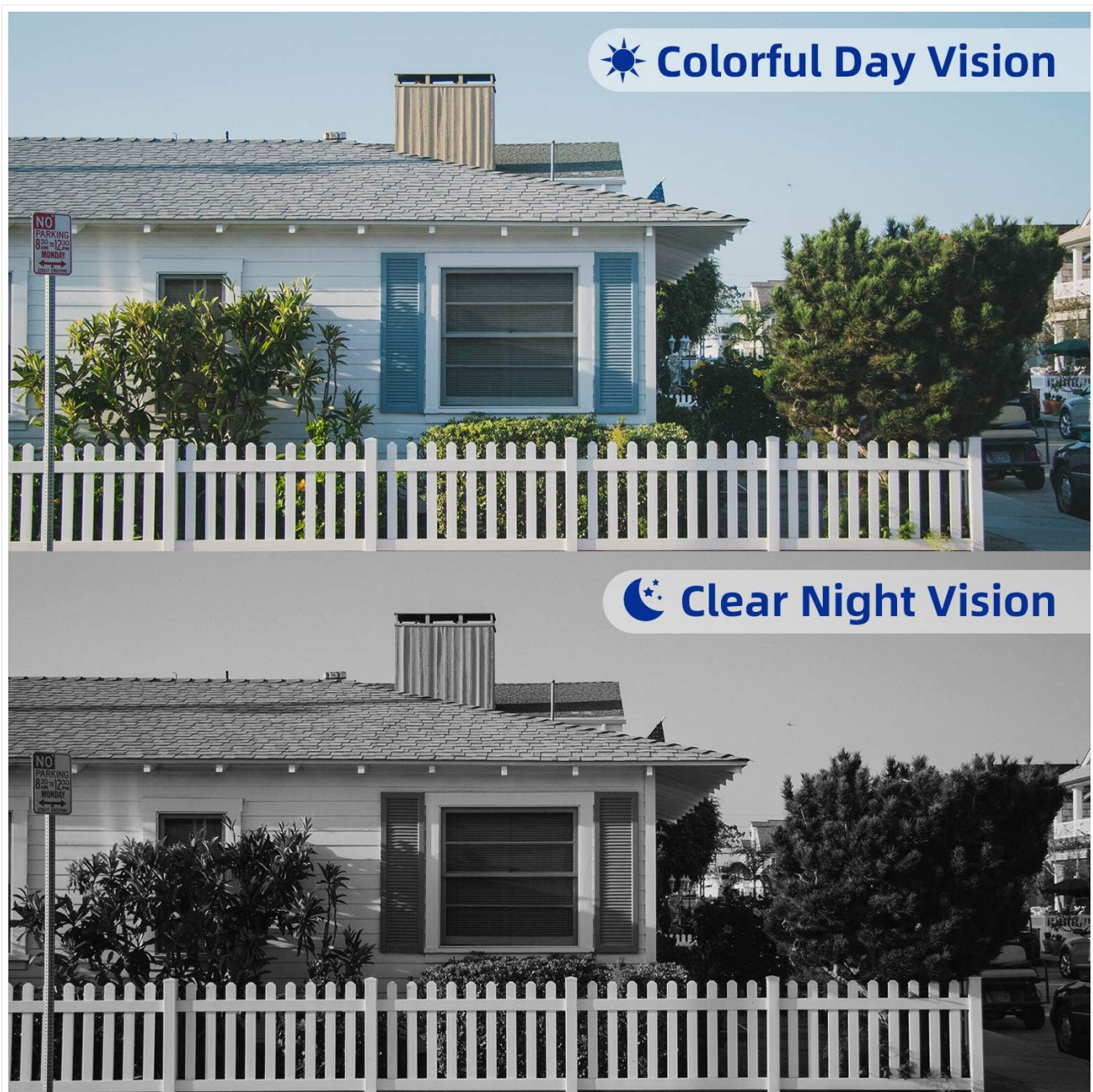
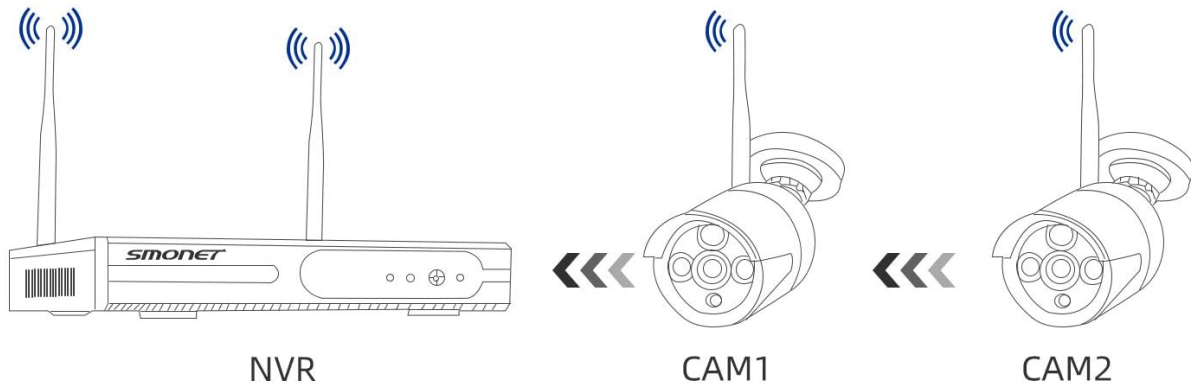


Image 7: A side-by-side comparison demonstrating the system's ability to capture colorful images during the day and clear black-and-white images at night using infrared technology.

5.5 Expanding the System

The 4-channel NVR can support up to 8 cameras. You can add additional SMONET 1080P IP cameras (ASIN: B011R4TXA8) to expand your surveillance coverage.

Wireless Signal Repeater



Expand up to 8 Cameras



Image 8: Illustrates the wireless signal repeater function between cameras and the NVR, and shows how the system can be expanded to include up to 8 cameras.

6. MAINTENANCE

- **Regular Cleaning:** Periodically clean camera lenses with a soft, damp cloth to ensure clear image quality.
- **Firmware Updates:** Check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Power Supply Check:** Ensure all power adapters are securely connected and free from damage.
- **Hard Drive Health:** If a hard drive is installed, regularly check its health status through the NVR interface to prevent data loss.

7. TROUBLESHOOTING

- **No Image on Monitor:** Check VGA/HDMI cable connections. Ensure NVR and monitor are powered on and input source is correct.
- **Cameras Not Connecting:** Verify cameras are powered on. Ensure they are within wireless range of the NVR. If

issues persist, try re-pairing cameras manually (refer to full manual for specific steps).

- **No Remote View:** Check NVR's network status (should be 'Healthy Network'). Ensure your mobile device has internet access and the Cloud ID/password are correctly entered in the app.
- **Recording Issues:** Confirm a hard drive is installed and properly formatted. Check recording settings in the NVR menu.

8. SPECIFICATIONS

Feature	Specification
Brand	SMONET
Connectivity Technology	Wireless
Number of Channels	4
Memory Storage Capacity	4 TB (Max, HDD not included)
Power Source	Battery Powered (Cameras via adapter)
Operating System	Android, iOS (for app)
Signal Format	Digital
Night Vision	Night color (IR)
Frame Rate	30 fps
Recording Mode	Motion Detection
Optical Sensor Technology	CMOS
Hardware Interface	802.11 ac/b/g/n
Lens Type	Fixed (3.6mm)
Video Input	RJ45 (NVR)
Model Number	SN-WNK 002
Item Weight	7 Pounds (System)
Item Dimensions	12.5 x 10.5 x 6.5 inches (Package)

9. WARRANTY AND SUPPORT

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