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SMONET SMJP-W8CHNVR-JA-002

SMONET Smart Wireless Security System DVR

User Manual

1. Introduction

Thank you for choosing the SMONET Smart Wireless Security System DVR. This manual provides detailed instructions for the installation, operation, and maintenance of your new security system. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.

2. Safety Information

To prevent damage to the product or injury to yourself or others, please observe the following safety precautions:

- **Power Supply:** Use only the power adapter provided with the device. Using an incorrect power adapter may cause fire, electric shock, or damage to the DVR.
- **Ventilation:** Ensure adequate ventilation around the DVR. Do not block ventilation openings.
- **Environment:** Do not expose the DVR to water, moisture, or extreme temperatures. Avoid direct sunlight and heat sources.
- **Handling:** Handle the DVR with care. Do not drop or subject it to strong impacts.
- **Servicing:** Do not attempt to open or repair the DVR yourself. Refer all servicing to qualified personnel.

3. Package Contents

Please check the package contents upon opening. If any items are missing or damaged, contact your retailer immediately.

- SMONET Smart Wireless Security System DVR
- Power Adapter for DVR
- USB Mouse
- HDMI Cable
- Ethernet Cable
- Quick Start Guide
- Mounting Screws (for HDD installation, if applicable)

4. Product Overview

Familiarize yourself with the components of your SMONET DVR.



Figure 4.1: SMONET Smart Wireless Security System DVR Front View

This image displays the front of the SMONET Smart Wireless Security System DVR. It features a sleek black casing with two prominent antennas extending upwards from the rear. On the front panel, three green LED indicator lights are visible, labeled 'PWR' (Power), 'HDD' (Hard Disk Drive), and 'REC' (Recording), indicating the system's operational status. The 'SMONET Smart Wireless Security System' logo is printed on the right side of the front panel.

4.1 Front Panel Indicators

- **PWR (Power):** Illuminates green when the DVR is powered on.
- **HDD (Hard Disk Drive):** Illuminates green when the hard drive is active (reading/writing data).
- **REC (Recording):** Illuminates green when the system is actively recording video.

4.2 Rear Panel Ports

The rear panel typically includes ports for power, video output (HDMI/VGA), USB (for mouse/backup), and Ethernet for network connection.

- **DC 12V:** Power input port.
- **HDMI Out:** Connect to a monitor or TV for video display.
- **VGA Out:** Alternative video output port.
- **USB Ports:** For connecting the USB mouse, USB flash drive for backup, or external storage.
- **LAN Port:** For connecting to your router for network access and remote viewing.
- **Antenna Ports:** For connecting the wireless antennas to ensure stable wireless camera connection.

5. Setup

5.1 Initial Hardware Connection

1. **Install Hard Drive (if not pre-installed):**Open the DVR casing, connect the SATA power and data cables to the HDD, and secure the HDD with screws.
2. **Connect Antennas:** Screw the two provided antennas onto the antenna ports at the rear of the DVR.
3. **Connect Monitor:** Connect the DVR to a monitor or TV using the HDMI or VGA cable.
4. **Connect Mouse:** Plug the USB mouse into one of the USB ports on the DVR.
5. **Connect Network (Optional):** For remote viewing, connect an Ethernet cable from the DVR's LAN port to your router.
6. **Power On:** Connect the power adapter to the DVR's DC 12V port and then plug it into a power outlet. The PWR indicator light should illuminate.

5.2 System Configuration

Upon first boot, the system will guide you through an initial setup wizard. Follow the on-screen prompts to set up language, date/time, network settings, and hard drive formatting (if necessary).

5.3 Pairing Wireless Cameras

The SMONET DVR is designed to automatically pair with compatible SMONET wireless cameras. If cameras are not automatically displayed, you may need to manually add them via the DVR's menu system. Refer to the camera's specific manual for pairing instructions if needed.

- Navigate to the "Camera Management" or "Channel Setup" section in the DVR menu.
- Select the option to "Add Camera" or "Wireless Pairing".
- Power on the wireless camera and place it near the DVR during the pairing process.
- Once paired, position the camera in its desired location, ensuring good signal strength.

6. Operating the System

6.1 Live View

After setup, the DVR will display the live feed from connected cameras. You can switch between single-camera view and multi-camera grid view using the on-screen controls or mouse right-click menu.

6.2 Recording

The system supports continuous recording, scheduled recording, and motion-triggered recording. Configure recording settings via the "Record Setup" menu.

- **Continuous Recording:** Records 24/7.
- **Scheduled Recording:** Records during specified time periods.
- **Motion Detection Recording:** Records only when motion is detected in the camera's view. Adjust sensitivity and detection areas in the "Motion Detect" settings.

6.3 Playback

To review recorded footage, access the "Playback" menu. Select the date, time, and camera channel to view recordings. Use the playback controls (play, pause, fast forward, rewind) to navigate through the footage.

6.4 Remote Access (Mobile App/PC Software)

For remote viewing on your smartphone or computer, download the official SMONET app or software. Follow the instructions within the app/software to add your DVR using its unique ID (usually found in the DVR's network settings or

on a sticker on the device).

7. Maintenance

7.1 Cleaning

Regularly clean the DVR and cameras to ensure optimal performance. Use a soft, dry cloth to wipe surfaces. Do not use liquid cleaners or aerosols.

7.2 Firmware Updates

Periodically check the SMONET official website for firmware updates. Updating firmware can improve system stability, add new features, and resolve known issues. Follow the update instructions carefully to avoid damaging the device.

7.3 Hard Drive Management

The DVR will automatically overwrite the oldest recordings when the hard drive is full. You can configure overwrite settings or manually format the hard drive via the "HDD Management" menu. Regular hard drive health checks are recommended.

8. Troubleshooting

Problem	Possible Cause	Solution
No video output on monitor.	Loose cable connection; incorrect input selected on monitor; DVR not powered on.	Check HDMI/VGA cable connections. Ensure monitor is set to the correct input source. Verify DVR power adapter is connected and PWR light is on.
Cameras not displaying.	Cameras not powered; out of range; not paired.	Ensure cameras are powered. Check wireless signal strength. Re-pair cameras if necessary (refer to Section 5.3).
No recording.	Hard drive not installed/formatted; recording schedule not set; HDD full.	Check HDD status in DVR menu. Format HDD if prompted. Configure recording schedule. Check HDD capacity and overwrite settings.
Cannot access remotely.	Network connection issue; incorrect app settings; firewall blocking.	Verify DVR has internet access. Ensure correct DVR ID is entered in the app. Check router settings for port forwarding or UPnP.

9. Specifications

Feature	Detail
Model Number	SMJP-W8CHNVR-JA-002
Dimensions (Package)	30 x 26.4 x 7.4 cm
Weight (Package)	620 g
Video Input	Wireless IP Cameras
Video Output	HDMI, VGA
USB Interface	USB 2.0

Feature	Detail
Network Interface	RJ45 Ethernet Port
Power Supply	DC 12V

10. Warranty and Support

SMONET products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official SMONET website for detailed warranty terms and conditions.
For technical support, troubleshooting assistance, or product inquiries, please contact SMONET customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your model number (SMJP-W8CHNVR-JA-002) and purchase details ready.
Website: www.smonet.com

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