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Jenmov Wireless CCTV Camera System

Jenmov Wireless CCTV Camera System User Manual

Model: Wireless CCTV Camera System

1. INTRODUCTION

Thank you for choosing the Jenmov Wireless CCTV Camera System. This manual provides detailed instructions for the installation, operation, and maintenance of your security system. Please read this manual thoroughly before use to ensure proper setup and functionality.

This system includes a 4-channel Network Video Recorder (NVR) with a pre-installed 1TB hard drive, two Pan/Tilt (PT) dome cameras for indoor use, and two weatherproof bullet cameras for outdoor surveillance. The system operates wirelessly between cameras and the NVR, simplifying installation.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x 4-Channel NVR (with 1TB HDD pre-installed)
- 2 x Jenmov PT Dome Cameras (Indoor)
- 2 x Jenmov Bullet Cameras (Outdoor)
- 4 x Power Adapters for Cameras
- 1 x Power Adapter for NVR
- 1 x USB Mouse
- 1 x Ethernet Cable
- 1 x HDMI Cable
- Mounting Screws and Plugs
- User Manual

3. PRODUCT OVERVIEW

3.1 NVR (Network Video Recorder)

The NVR is the central unit of your security system, responsible for managing camera connections, recording footage to the 1TB hard drive, and providing access to live view and playback. It supports up to 4 channels

simultaneously.

3.2 Camera Types

Your system includes two types of cameras:

- **PT Dome Cameras:** Designed for indoor use, these cameras offer 360-degree horizontal pan and 90-degree vertical tilt capabilities for wide area coverage. They feature 1080P resolution and two-way audio.
- **Bullet Cameras:** Designed for outdoor use, these cameras are IP66 weatherproof, making them resistant to rain, dust, and snow. They provide 1080P resolution and up to 100ft night vision.



Figure 3.1: Jennov PT Dome Camera. This image shows the compact, white dome-shaped camera with a black lens, indicating its pan and tilt capabilities and suitability for indoor monitoring.



Figure 3.2: Jennov Bullet Camera. This image displays the cylindrical bullet camera, typically used for outdoor surveillance, featuring an antenna for wireless connectivity and infrared LEDs for night vision.

4. SETUP

4.1 Initial System Connection

1. **Connect NVR:** Connect the NVR to a power outlet using its dedicated power adapter.
2. **Connect Display:** Connect the NVR to a monitor or TV using an HDMI or VGA cable.
3. **Connect Mouse:** Plug the USB mouse into a USB port on the NVR for navigation.
4. **Power On Cameras:** Connect each camera to its respective power adapter and plug them into power outlets.
5. **Automatic Pairing:** The cameras are pre-paired with the NVR from the factory. Once powered on, they should automatically connect to the NVR's internal Wi-Fi, and live video feeds will appear on your connected display within minutes.

4.2 Remote Access Setup

To view your camera feeds remotely via a smartphone or tablet app:

1. **Connect NVR to Router:** Use the provided Ethernet cable to connect the NVR's LAN port to an available port on your internet router.
2. **Download App:** Download the recommended Jennov security app from your device's app store (refer to the NVR's on-screen interface for the specific app name or QR code).
3. **Add Device:** Open the app, create an account if necessary, and select 'Add Device'. Scan the QR code displayed on the NVR's monitor (usually found in the network settings or device info section).
4. **View Feeds:** Once added, you can view live feeds, playback recordings, and configure settings remotely.

4.3 Camera Placement Considerations

- **PT Dome Cameras:** Ideal for indoor areas like living rooms, hallways, or offices. Mount on ceilings or walls for optimal coverage. Note: These cameras are not recommended for outdoor installation.
- **Bullet Cameras:** Suitable for outdoor environments such as garages, gardens, or entryways. Ensure they are mounted securely and positioned to cover desired areas. Their IP66 rating ensures protection against weather.



Figure 4.1: IP66 Weatherproof Bullet Camera. This image highlights the robust, weather-resistant design of the bullet camera, suitable for outdoor installation in various conditions.



Figure 4.2: Dome Camera Pan and Tilt Range. This illustration demonstrates the 355-degree horizontal and 90-degree vertical rotation capabilities of the dome camera, providing extensive coverage.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

After successful setup, you can view live camera feeds on your connected display. Use the USB mouse to navigate the NVR interface. Right-click to access the main menu for options like playback, system settings, and camera management.

5.2 Motion Detection Configuration

The system features smart motion detection. To configure:

1. Access the NVR's main menu and navigate to 'Alarm' or 'Motion Detection' settings.
2. Select the desired camera.
3. Define the motion detection area by drawing a grid on the camera's view.
4. Adjust sensitivity levels to minimize false alarms.
5. Set a recording schedule for motion-triggered events.
6. Configure email alerts or app notifications if desired.



Figure 5.1: Front Door Motion Detection. This image illustrates how motion detection works, showing an alert on a mobile device when an intruder is detected by a bullet camera at a front door.

5.3 Recording Features

The NVR comes with a 1TB hard drive for continuous recording. The system supports loop recording, meaning when the hard drive is full, it will automatically overwrite the oldest footage to ensure continuous recording without manual intervention.

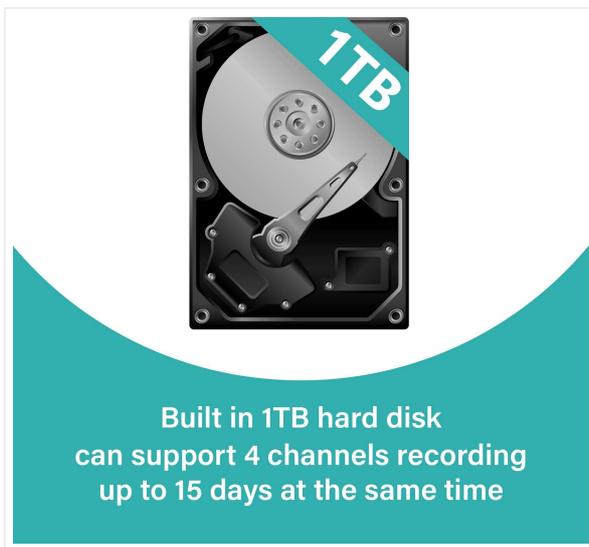


Figure 5.2: Built-in 1TB Hard Disk. This image visually represents the 1TB hard drive included in the NVR, capable of supporting 4 channels of recording for up to 15 days.

5.4 Pan/Tilt Control (Dome Cameras)

For PT dome cameras, you can control their movement through the NVR interface using the mouse or via the mobile app. This allows you to adjust the camera's viewing angle remotely.

5.5 Two-Way Audio (Dome Cameras)

The PT dome cameras support two-way audio. This feature allows you to listen to the environment around the camera and speak through the camera's speaker using the mobile app.



Figure 5.3: Real-time 2-Way Audio Function. This image highlights the two-way audio capability of the dome camera, showing its utility in various scenarios like home security, baby care, elderly care, and pet monitoring.

5.6 Night Vision

Both dome and bullet cameras are equipped with night vision capabilities, providing clear video footage even in low-light or complete darkness. The bullet cameras offer up to 100ft night vision range.



Figure 5.4: Bullet Camera with Night Vision. This image of the bullet camera shows its infrared LEDs, indicating its capability to provide clear surveillance footage up to 100ft in low-light conditions.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the camera lenses with a soft, dry cloth to ensure clear image quality. Avoid using harsh chemicals or abrasive materials that could scratch the lens.

6.2 Firmware Updates

Check the Jennov website or your mobile app periodically for firmware updates. Keeping your system's firmware up-to-date ensures optimal performance and security.

6.3 Hard Drive Management

The 1TB hard drive provides ample storage. Due to loop recording, manual deletion of old footage is generally not required. However, if you need to back up specific recordings, use the NVR's interface to export them to a USB drive.

7. TROUBLESHOOTING

- **No Video Display:**

- Ensure the NVR and all cameras are powered on.
- Check HDMI/VGA cable connection between NVR and display.
- Verify cameras are within range of the NVR's internal Wi-Fi.

- **Remote Access Not Working:**

- Confirm the NVR is connected to your router via Ethernet cable and has internet access.
- Check your router's internet connection.
- Ensure the mobile app is correctly configured and the device is added.

- **Motion Detection Not Triggering:**

- Review motion detection settings (area, sensitivity, schedule) in the NVR interface.
- Ensure the camera lens is clean and unobstructed.

- **Poor Image Quality:**

- Clean the camera lens.
- Ensure adequate lighting for non-night vision modes.
- Check camera placement for optimal viewing angles.

8. SPECIFICATIONS

| Feature | Specification |
|-----------------------------|------------------------------|
| Brand | Jennov |
| Connectivity Technology | Wireless |
| Video Capture Resolution | 1080p |
| Special Feature | Night Vision |
| Number of Channels | 4 |
| Storage Capacity | 1 TB HDD (pre-installed) |
| Power Source | Electric Cable |
| Item Dimensions (L x W x H) | 34 x 18.5 x 30 cm (NVR unit) |

| | |
|-----------------------------------|---|
| Recording Mode | Motion-activated, Continuous (Loop Recording) |
| PT Dome Camera Rotation | 360° Horizontal, 90° Vertical |
| Bullet Camera Weatherproof Rating | IP66 |

9. WARRANTY AND SUPPORT

This Jennov Wireless CCTV Camera System comes with a **12-month warranty** from the date of purchase. Jennov is committed to providing professional technical support and customer service. If you encounter any issues or require assistance with your system, please do not hesitate to contact us. You can reach our support team by sending a message via the Amazon platform where you purchased the product. We are dedicated to providing professional and patient assistance to ensure your satisfaction.