

ZHXINSD W-GCPZ1043M-M2

ZHXINSD Dual Lens WiFi6 & 10X Hybrid Zoom Wireless Security Camera System Instruction Manual

Model: W-GCPZ1043M-M2

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ZHXINSD Dual Lens WiFi6 & 10X Hybrid Zoom Wireless Security Camera System. Please read this manual thoroughly before using the product to ensure proper setup and functionality. Keep this manual for future reference.

2. PRODUCT FEATURES

- **Dual Lens 4K, 10X Hybrid Zoom:** Equipped with advanced 2.8mm wide-angle and 8mm telephoto lenses, this system provides both wide area coverage and detailed close-ups. It supports vivid nighttime imaging and enhanced clarity for an improved surveillance experience.
- **Auto-Tracking PTZ Security Camera:** The camera automatically detects and tracks people, vehicles, or animals, returning to preset home points after tracking. With 355° pan and 140° tilt capabilities, it offers 360° surveillance, minimizing blind spots.
- **All-in-One Plug & Play System:** The outdoor security camera NVR system is pre-paired with all PTZ cameras at the factory for easy setup. A monitor with a minimum resolution of 1080P is required.
- **10-Channel Advanced WiFi 6 NVR:** Experience enhanced stability, faster video transmission, and reduced latency with WiFi 6 technology. This system eliminates the need for Ethernet cables for camera connections. It includes 4 cameras and a 10-channel 4K Dual WiFi NVR, supporting up to a 6TB 3.5" hard disk (not included).
- **Smart Detection + Smart Alarm:** Receive instant mobile and email alerts for detected persons or vehicles. The system provides accurate alerts and immediate video clips. Spotlight schedules can be customized for nighttime illumination.
- **Versatile Storage and Recording:** The system supports 24/7 recording with no monthly fees, utilizing advanced H.265+ compression. Recording options include motion-triggered and scheduled recording. Storage can be managed via a hard drive (3.5" hard disk not included) or cloud service.
- **Real-time Two-way Communication:** Monitor, record, and playback footage. Use the mobile app to communicate directly, for example, to instruct a courier or activate a siren to deter intruders.
- **IP67 Waterproof:** The outdoor cameras are designed with IP67 waterproofing, ensuring reliable operation in various

weather conditions.

3. WHAT'S IN THE BOX

What in the Box



Power Supply NVR



Power Supply Camera*4



USB Mouse



Screw Pack



Network Cable



User Manual

Image: Contents of the product box, including the NVR, cameras, power supplies, USB mouse, screw pack, network cable, and user manual.

- Security 4K Network Video Recorder (NVR)

- Cameras (Quantity as per kit, e.g., 4 cameras for this model)
- Power Supply for NVR
- Power Supplies for Cameras
- USB Mouse
- Screw Pack for Installation
- Network Cable
- User Manual

Note: A 3.5" hard disk for storage is not included and must be purchased separately.

4. SETUP GUIDE

4.1 NVR Initial Setup

1. Connect the NVR to a monitor (minimum 1080P resolution) using an HDMI or VGA cable.
2. Connect the USB mouse to the NVR's USB port.
3. Connect the NVR to a power source using its dedicated power adapter.
4. Power on the NVR. Follow the on-screen instructions for initial system configuration, including language, date/time, and network settings.

4.2 Camera Installation and Pairing



Image: Example of camera mounting options on a wall and under an overhang.

1. Mount each camera in your desired outdoor location using the provided screw pack. Ensure the camera has a clear line of sight and is within range of the NVR's WiFi signal.
2. Connect each camera to its dedicated power supply.
3. Since the cameras are pre-paired, they should automatically connect to the NVR once powered on. Verify camera feeds on your monitor.

4.3 Hard Disk Installation (Optional)

If you wish to enable local recording, install a 3.5" SATA hard disk (up to 6TB) into the NVR. Refer to the NVR's specific instructions for hard disk installation and formatting.

4.4 Mobile App Setup

Cover Key Areas with One Click

Reach your cared preset points with just one tap—up to 6 presets. Enjoy full coverage by effortlessly navigating between these points.



Image: Screenshots of the mobile application interface for live viewing, playback, and video download.

1. Download the designated mobile application (e.g., Eseecloud) from your device's app store.
2. Register an account and log in.
3. Add your NVR system to the app by scanning the QR code on the NVR or manually entering its device ID.
4. Once added, you can view live feeds, access recordings, and control camera functions remotely.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

Access live camera feeds via the NVR connected monitor or the mobile application. Use the playback function to review recorded footage, filtering by date, time, or event type.

5.2 PTZ Control and Zoom

4K

Dual lens



10X

Hybrid Zoom



Image: A dual-lens camera head with an example of 10X hybrid zoom on a sheep in a field, demonstrating clarity at different zoom levels.

Use the on-screen controls (via mouse on NVR or touch controls in the app) to pan (355° horizontally), tilt (140° vertically), and zoom (10X hybrid zoom) the cameras. You can also set up to 6 preset positions for quick navigation.

5.3 Auto-Tracking

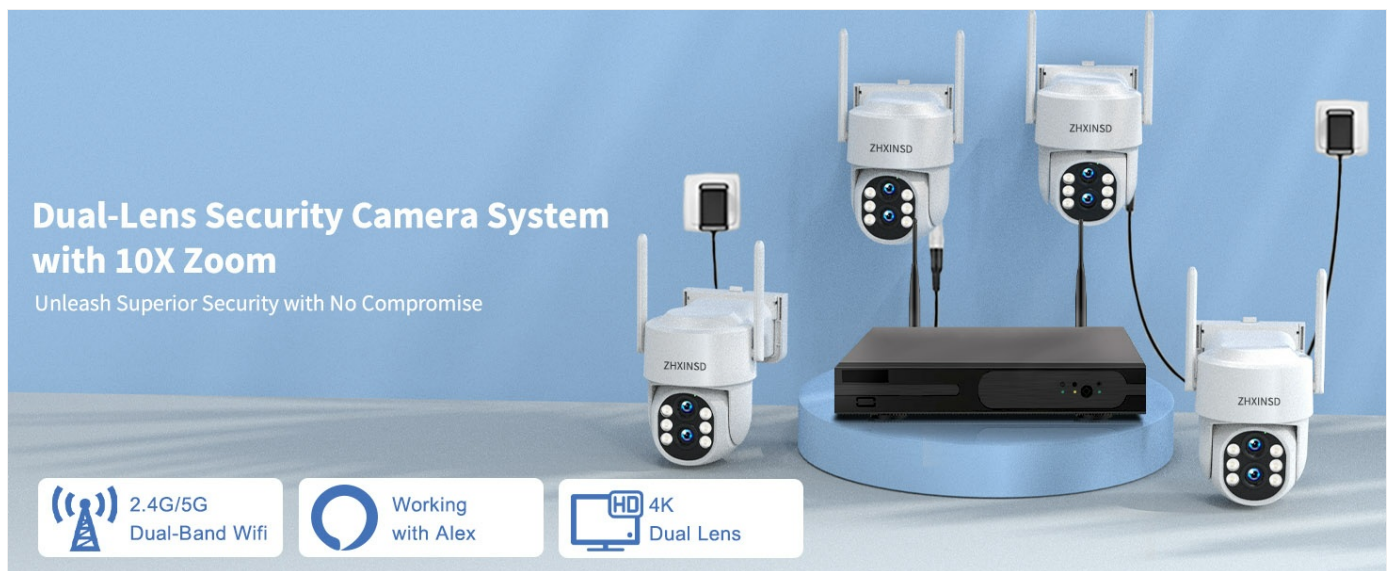


Image: A security camera with dual lenses and spotlights, illustrating its auto-tracking function following a person and a dog in a yard.

Enable auto-tracking in the camera settings. The camera will automatically follow detected subjects (people, vehicles, animals) within its field of view and return to its home position after the subject leaves the area.

5.4 Recording Options

Configure recording settings on the NVR or through the mobile app. Options include continuous recording, motion-triggered recording, and scheduled recording. Ensure a hard disk is installed for local storage.

5.5 Smart Detection and Alerts

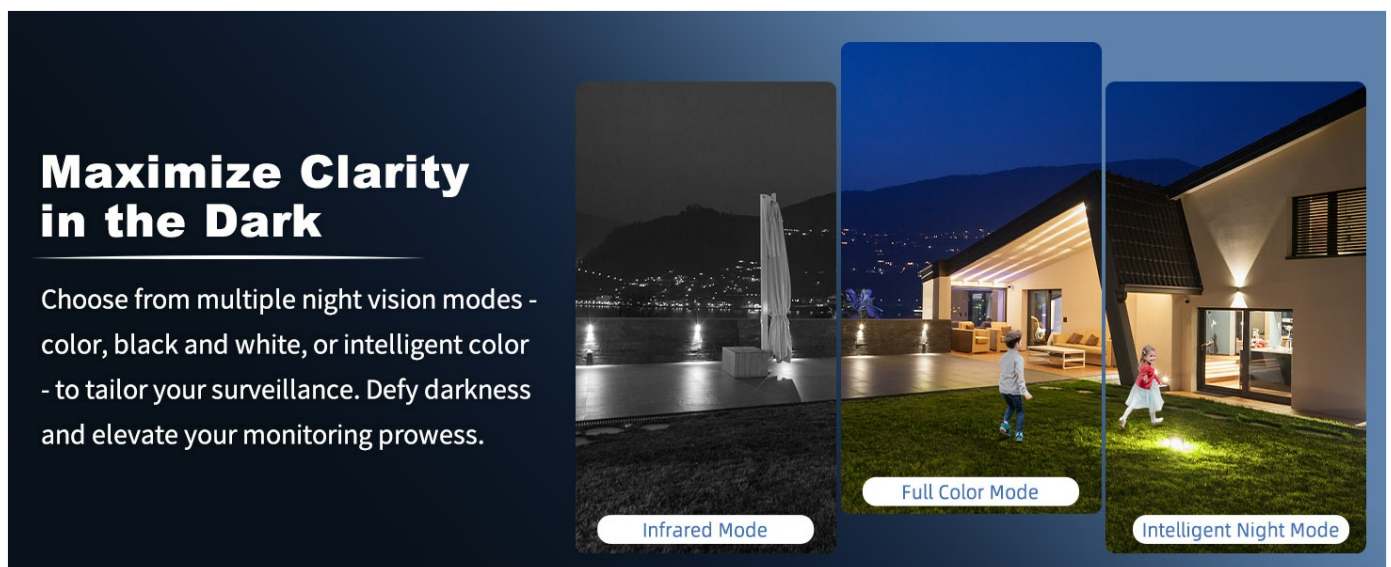


Image: A family receiving packages, with icons for siren, push notifications, email alerts, and two-way audio, indicating smart detection features.

Customize detection zones and sensitivity for person, vehicle, and animal detection. Set up mobile push notifications and email alerts to be informed of events in real-time.

5.6 Two-Way Communication



Image: A person using a mobile app to speak to a delivery driver at their front door, demonstrating the two-way communication feature.

Utilize the built-in microphone and speaker through the mobile app to engage in two-way conversations with individuals near the camera. This feature can also be used to activate a siren for deterrence.

5.7 Night Vision Modes

The camera supports multiple night vision modes: color, black and white (infrared), and intelligent color. Select the preferred mode in the camera settings for optimal nighttime monitoring.

6. MAINTENANCE

- **Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check for and install firmware updates for the NVR and cameras through the system settings or mobile app to ensure optimal performance and security.
- **Hard Disk Management:** If using a hard disk, regularly check its status and ensure sufficient storage space. The system supports overwriting old footage when full, but manual management may be required for specific recordings.
- **Power Supply Check:** Ensure all power connections are secure and free from damage.

7. TROUBLESHOOTING

Issue	Possible Solution
No camera feed	Check camera power supply and NVR connection. Ensure cameras are within WiFi range. Restart NVR and cameras.
Poor image quality	Clean camera lens. Check WiFi signal strength. Ensure NVR is connected to a 1080P or higher resolution monitor.
PTZ control unresponsive or erratic	Verify strong WiFi connection to the camera. Restart the camera. Check for firmware updates.
No recording	Ensure a hard disk is installed and properly formatted. Check recording schedule and motion detection settings.

Issue	Possible Solution
Mobile app connection issues	Ensure NVR is connected to the internet. Check mobile device's internet connection. Re-add the NVR to the app if necessary.
NVR restarts randomly	Ensure stable power supply. Check for overheating. Contact support if the issue persists.

For further assistance, please contact ZHXINSD customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	ZHXINSD
Model Number	W-GCPZ1043M-M2
Connectivity Technology	WiFi, Wireless (WiFi 6)
Video Capture Resolution	2.7K, 2K+2K
Special Feature	App Control, Auto-Tracking, 10X Hybrid Zoom, Two-Way Audio, Smart Detection
Number of Channels	10 (NVR)
Memory Storage Capacity	Supports up to 6 TB (3.5" hard disk, not included)
Power Source	Corded Electric
Operating System	Linux
Compatible Devices	NVR, Hard Disk, Smartphones, TV
Recording Mode	Continuous, Motion Detection, Scheduled
Hardware Interface	802.11 ac/b/g/n (WiFi 6)
Lens Type	Dual Lens (2.8mm wide-angle, 8mm telephoto), Zoom
Video Input	IP, HDMI
Smart Home Compatibility	Smart Home Compatible
Signal Format	Digital
Optical Sensor Technology	CMOS
Item Dimensions	5 x 6 x 6 inches (approximate, for camera)
Waterproof Rating	IP67

9. WARRANTY AND SUPPORT

This product comes with a 1-year guarantee. For any questions, technical assistance, or warranty claims, please contact



Image: A close-up of the security camera being sprayed with water, emphasizing its IP67 waterproof and weather-resistant design.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

