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ZOSI ZG2320M

ZOSI ZG2320M 2.0MP 1080P HD Wireless IP Network Camera  
User Manual

Model: ZG2320M | Brand: ZOSI

PRODUCT OVERVIEW

The ZOSI ZG2320M is a 2.0MP 1080P HD wireless IP network camera designed for both outdoor and indoor security surveillance. This camera is an add-on unit specifically compatible with ZOSI Wireless NVR Recorders (Models: ZR08DP00, ZR08DP10, ZR08DP20). It features advanced night vision capabilities and a durable, weatherproof metal housing.



Figure 1: ZOSI ZG2320M Wireless IP Camera

### Key Features:

- **Add-on Camera:** Designed exclusively for ZOSI NVR Kits (ZR08DP00/10/20). Requires pairing with the NVR system.
- **Indoor and Outdoor Use:** Constructed with aluminum metal materials to effectively prevent rust, allowing installation in various environments.
- **80ft Night Vision:** Equipped with an automatic IR-CUT filter for clear images day or night, providing up to 80ft night vision in total darkness and 130ft in ambient light. Color night vision is available above 3.0 Lux.

- **1080P Full HD Video:** Delivers high-quality, high-definition video for enhanced security monitoring.
- **Power Supply:** Please note that this camera does not include a power supply and requires an external 12V 1A power adapter to function.

## 1080P FULL HD VIDEO SURVEILLANCE

Display High Quality and Definition Video For Your Security



Figure 2: Comparison of 1080P, 960P, and 720P video resolutions.



Figure 3: Versatile usage of the ZOSI camera for indoor, outdoor, day, and night monitoring, highlighting its waterproof housing.

## SETUP GUIDE

### 1. Physical Installation and Power Connection

1. **Attach the Antenna:** Securely fasten the provided Wi-Fi antenna to the back of the camera.



Figure 4: ZOSI camera with its Wi-Fi antenna and 2-axis mounting bracket.

2. **Connect Power:** Connect the camera's power cable to a 12V 1A power supply (not included). Ensure the connection is firm.



Figure 5: Example of a compatible 12V 1A power supply (not included).

3. **Proximity to NVR:** For initial setup and optimal wireless connection, place the camera within 3 meters (approximately 10

feet) of your ZOSI NVR.

## 2. Pairing with ZOSI NVR System

This camera must be paired with a compatible ZOSI Wireless NVR system (Model: ZR08DP00/10/20) to function. It cannot operate standalone.



Figure 6: Diagram showing the ZOSI add-on camera connecting wirelessly to an NVR system.

Follow these steps to add the camera to your NVR system:

1. Connect your NVR to a monitor via VGA or HDMI.
2. Right-click on the mouse connected to the NVR to bring up the quick menu.
3. Select "IPC Channel Config" from the menu.
4. In the "IPC Channel Config" menu, click the "Search" button. The NVR will begin searching for available cameras.
5. Once the camera appears in the top menu, select it and click "Wifi add" to pair it with your NVR.
6. Verify the "Connection Status" in the bottom menu shows "Connected".

## Connect Your NVR System

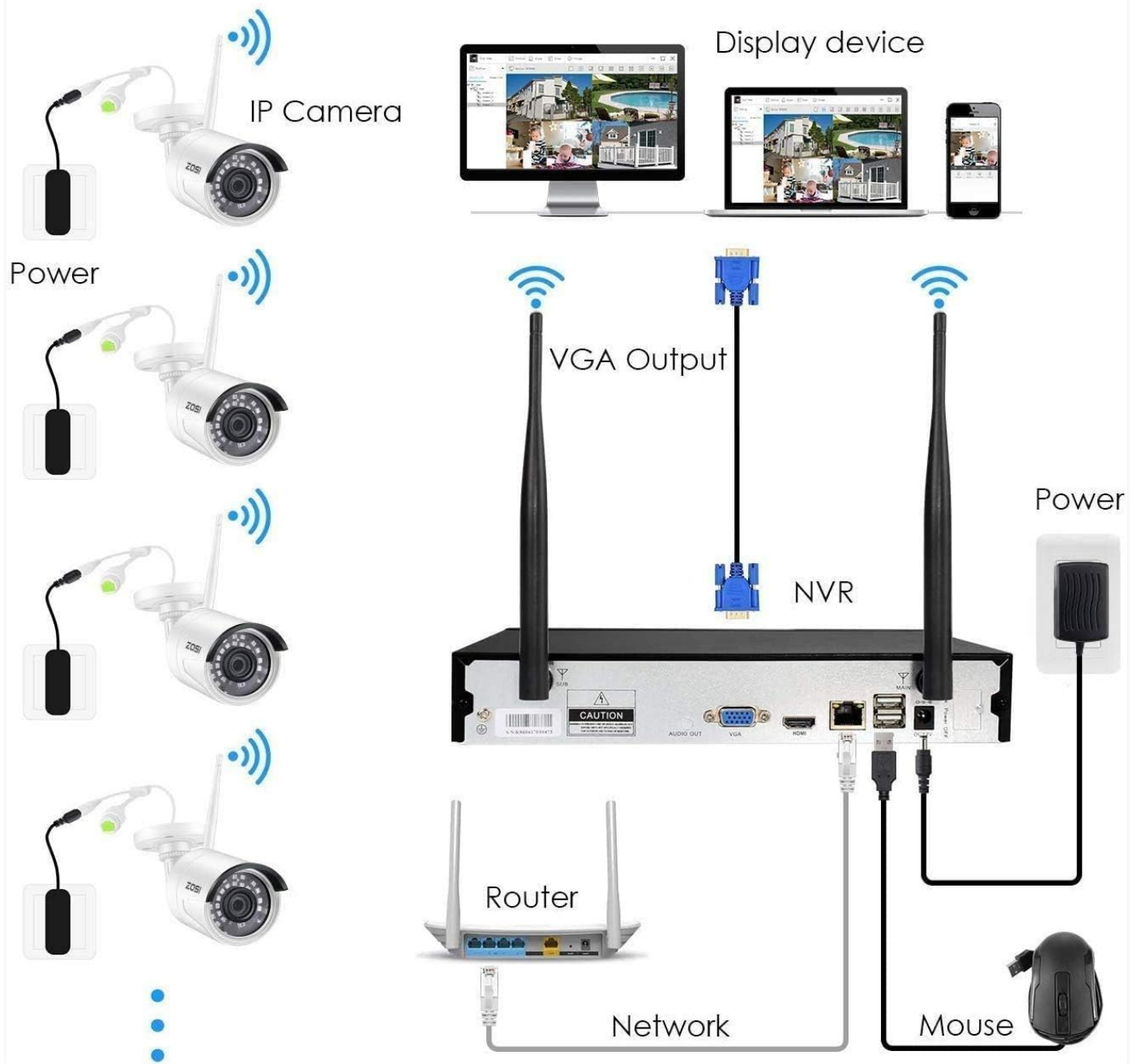


Figure 7: Overview of connecting IP cameras to the ZOSI NVR system, including power, router, and display connections.

## Video Tutorial: Adding Cameras to ZOSI NVR

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Video 1: This video demonstrates the process of adding an add-on camera to your ZOSI NVR system, covering physical connections and menu navigation for pairing.

## Video Tutorial: Adding Unpaired Device via Mobile App

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Video 2: This short video demonstrates how to add an unpaired ZOSI device using the mobile application, including steps for searching and connecting the camera.

## OPERATING INSTRUCTIONS

Once your ZG2320M camera is successfully paired with your ZOSI NVR system, you can begin monitoring and recording. Access live view and playback options through your NVR's interface or the ZOSI mobile application.

- **Live View:** View real-time footage from your camera on the connected monitor or via the ZOSI app.
- **Recording:** The NVR system will automatically record footage based on your configured settings (e.g., continuous, motion-triggered).
- **Night Vision:** The camera automatically switches to night vision mode in low-light conditions, providing clear black and white or color (above 3.0 Lux) images up to 80ft.
- **Remote Access:** Utilize the ZOSI mobile application to view live feeds, playback recordings, and manage camera settings from anywhere with an internet connection.



Figure 8: The ZOSI camera is built to withstand various weather conditions for continuous 24/7 surveillance.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ZOSI camera.

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid using harsh chemicals

or abrasive materials.

- **Environmental Protection:** While the camera is weatherproof (IP66 rated), extreme conditions like direct lightning strikes or prolonged submersion should be avoided.
- **Firmware Updates:** Periodically check the ZOSI official website or app for any available firmware updates to ensure your camera has the latest features and security enhancements.
- **Cable Inspection:** Periodically inspect all cables and connections for any signs of wear or damage.

TROUBLESHOOTING

If you encounter issues with your ZOSI ZG2320M camera, refer to the following common troubleshooting steps:

| Problem                      | Possible Cause            | Solution                                                               |
|------------------------------|---------------------------|------------------------------------------------------------------------|
| Camera not connecting to NVR | Not powered on.           | Ensure power supply is connected and functional.                       |
|                              | Too far from NVR.         | Move camera closer to NVR (within 3 meters for pairing).               |
|                              | Not properly paired.      | Repeat the pairing steps in the Setup Guide.                           |
|                              | NVR not searching.        | Ensure NVR is in "Search" mode for cameras.                            |
| No image/video feed          | Power issue.              | Check power supply and cable connections.                              |
|                              | Connection issue.         | Verify camera is connected to NVR (check "Connection Status").         |
|                              | NVR channel not selected. | Ensure the correct channel is selected on the NVR for viewing.         |
| Poor image quality           | Dirty lens.               | Clean the camera lens.                                                 |
|                              | Low light conditions.     | Ensure adequate lighting for color vision, or rely on IR night vision. |
|                              | Obstructions.             | Remove any physical obstructions blocking the camera's view.           |

For further assistance, please contact ZOSI customer support.

SPECIFICATIONS

| Feature                         | Detail                                              |
|---------------------------------|-----------------------------------------------------|
| Model                           | ZG2320M                                             |
| Resolution                      | 2.0MP (1080P)                                       |
| Compatibility                   | ZOSI Wireless NVR Recorder (Models: ZR08DP00/10/20) |
| Connectivity Technology         | Wireless (Wi-Fi)                                    |
| Indoor/Outdoor Usage            | Outdoor, Indoor                                     |
| Night Vision Range              | 80 Feet (total darkness), 130 Feet (ambient light)  |
| Material                        | Metal                                               |
| International Protection Rating | IP66                                                |
| Power Source                    | Requires 12V 1A power supply (not included)         |
| Mounting Type                   | Ceiling Mount                                       |
| Item Weight                     | 15.2 ounces                                         |
| Package Dimensions              | 7.72 x 6.5 x 3.11 inches                            |

# WARRANTY AND SUPPORT

ZOSI is committed to providing comprehensive support for its products. For warranty information, technical assistance, or customer service, please visit the official ZOSI website or contact their support team.



Figure 9: Scan this QR code for direct access to ZOSI support resources.

You can also visit the official ZOSI Brand Store on Amazon for more products and support resources:[ZOSI Brand Store](#)

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### 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

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