

## ZOSI 8WN-211B4S-10-US

# ZOSI 3K Lite Security Camera System User Manual

Model: 8WN-211B4S-10-US

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ZOSI 3K Lite Security Camera System. This system is designed to provide comprehensive surveillance with advanced features such as AI human/vehicle detection, H.265+ video compression, and remote access capabilities. Please read this manual thoroughly before operating the system to ensure proper functionality and safety.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact ZOSI customer support.

- 1 x H.265+ 8-Channel 3K Lite DVR with 1TB Security Grade Hard Drive
- 4 x HD 1080P Weatherproof Security Cameras
- 1 x 1-to-4 Power Splitter
- 4 x 60ft BNC Video Cables
- 1 x Ethernet Cable
- 2 x Power Supplies (for DVR and cameras)
- 1 x USB Mouse
- 4 x Mounting Screw Bags
- 4 x Mounting Templates
- 4 x Warning Stickers
- 1 x Quick Start Guide

# Package Content



x1

8-Channel DVR



x4

Camera



x4

BNC Cable



x1

1 To 4 Power Splitter



x1

Ethernet Cable



x2

Power Supply



x1

USB Mouse



x4

Mounting Screw Bag



x4

Mounting Template



x4

Warning Sticker



x1

Quick Start Guide

Figure 2.1: Overview of included package contents.

## 3. SYSTEM SETUP

### 3.1 Connecting the Hardware

1. **Connect Cameras to DVR:** Use the provided BNC cables to connect each camera to the 'VIDEO IN' ports on the back of the DVR.
2. **Power the Cameras:** Connect the cameras to the 1-to-4 power splitter, then connect the splitter to one of the power

supplies.

3. **Connect DVR to Monitor:** Use an HDMI or VGA cable (not included) to connect the DVR to a monitor or TV.
4. **Connect DVR to Network:** Use the Ethernet cable to connect the DVR to your router for remote access.
5. **Connect USB Mouse:** Plug the USB mouse into one of the USB ports on the DVR.
6. **Power the DVR:** Connect the DVR to its dedicated power supply and plug it into an electrical outlet. The system will power on automatically.



Figure 3.1: Detailed view of DVR and camera connection ports.

### 3.2 Initial Configuration & Remote Access

Upon first startup, the DVR will guide you through initial setup steps. It is crucial to set a strong password for your system.

For remote access, follow these steps:

1. **Download the App:** Download the 'ZOSI Smart' app from the App Store (iOS) or Google Play Store (Android). The 'Zosi View' app is obsolete.
2. **Register/Login:** Register a new account or log in to your existing ZOSI account.
3. **Add Device:** Scan the QR code displayed on your monitor (accessible via the DVR menu) using the ZOSI Smart app to add your DVR. This will provide the 'Super Password' for access.
4. **PC/Mac Client:** For desktop viewing, download the 'ZOSI AVSS Client' from the official ZOSI website.



Figure 3.2: Diagram illustrating simple connection for remote access via the ZOSI Smart App.

### 3.3 Camera Installation

The cameras are IP66 weatherproof and suitable for both indoor and outdoor installation. Use the provided mounting screw bags and templates for secure placement.

# Mounting Everywhere



Figure 3.3: Weatherproof cameras can be mounted in various indoor and outdoor locations.

## 4. OPERATING THE SYSTEM

### 4.1 Live View and Playback

Access live camera feeds and review recorded footage through the connected monitor, ZOSI Smart app, or AVSS Client. The DVR supports 24/7 continuous recording to the built-in 1TB hard drive, which can be expanded up to 8TB via SATA.





Figure 4.1: The system supports 24/7 recording with a 1TB HDD, expandable up to 8TB.

## 4.2 AI Human/Vehicle Detection

The system utilizes AI to accurately detect human and vehicle movement, reducing false alarms. Configure alert settings to receive notifications via email, app push notifications, or an audible buzzer from the DVR.

# Intelligent Detection Person/Vehicle

✉ Email

📱 App Push

🔔 Buzzer in DVR



**ZOSI Smart**  
Someone shows UP

NOW



👤 Person



🚗 Vehicle



Figure 4.2: AI-powered detection identifies humans and vehicles, sending alerts to your smart devices.

## 4.3 H.265+ Video Compression

Advanced H.265+ video compression technology doubles the data compression ratio compared to H.264, maintaining high video quality at lower bit-rates. This maximizes storage space for ultra-long recording periods.

# Advanced H.265+ Video Compression

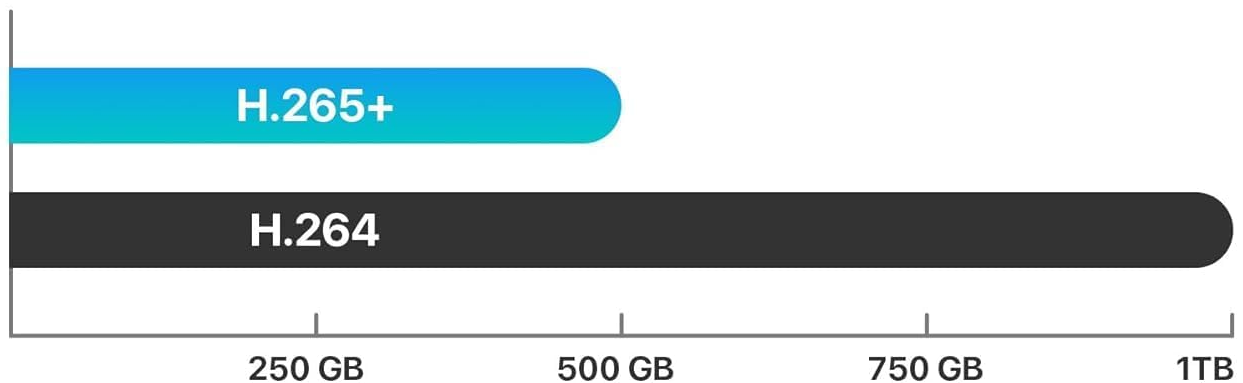


Figure 4.3: H.265+ compression offers significant storage savings while maintaining video quality.

## 4.4 Night Vision

Equipped with 24 IR LEDs, the cameras provide up to 80ft of night vision in total darkness and 130ft in ambient light, ensuring clear images even in low-light conditions.



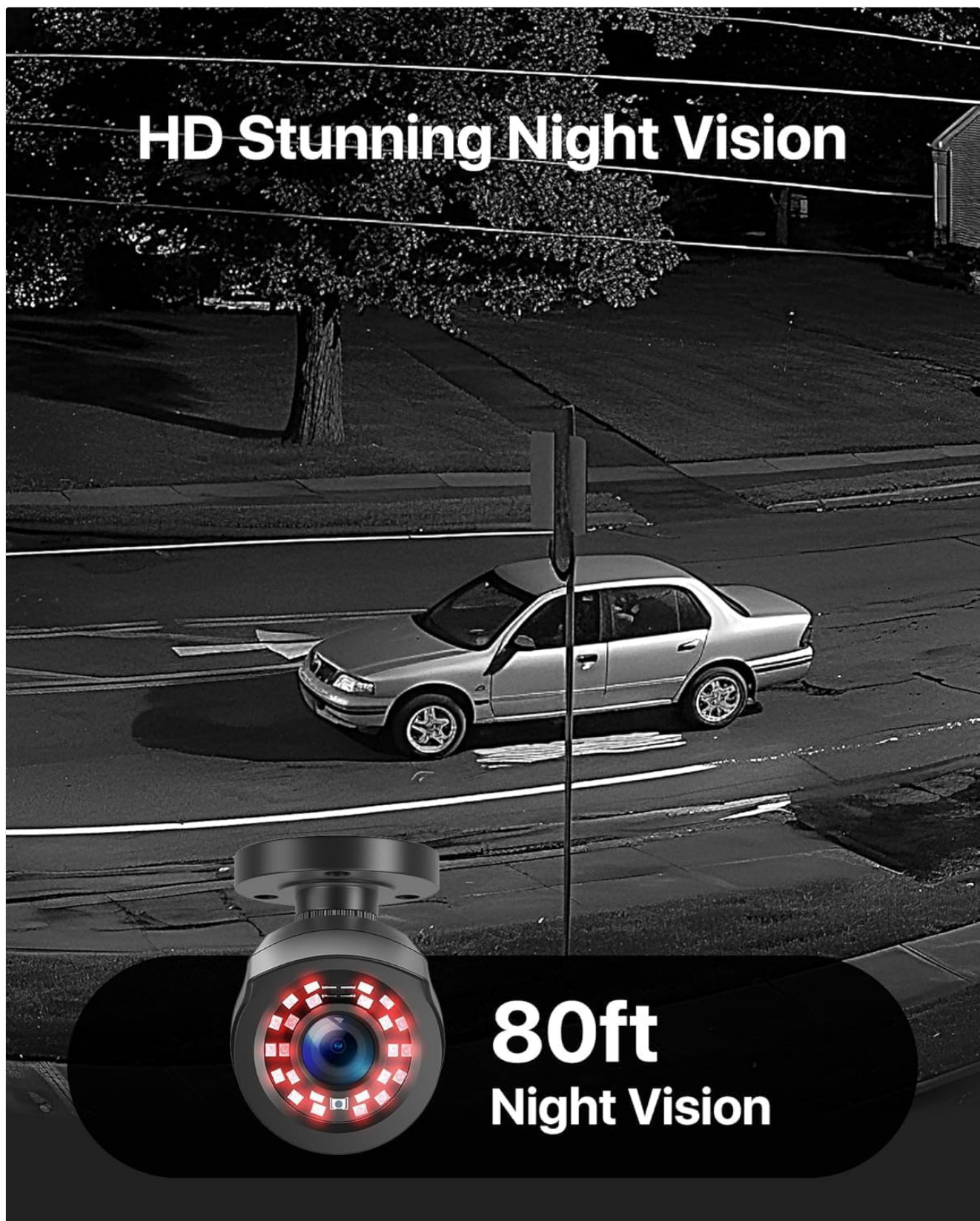


Figure 4.4: Cameras provide clear night vision up to 80 feet in darkness.

#### 4.5 Privacy Zones

Configure privacy masks to block out specific areas within the camera's view that you do not wish to record, ensuring personal privacy.

# Secure Your Privacy Zones

Mask areas you don't want recorded in your camera's view to keep private spaces private.



Figure 4.5: Mask areas in the camera's view to protect privacy.

## 5. SPECIFICATIONS

Feature	Detail
Brand	ZOSI
Model Number	8WN-211B4S-10-US
Connectivity Technology	Wired
Video Capture Resolution	1080p
Special Features	App Control, Automatic Overwrite, Human Detection, Motion Sensor
Number of Channels	8
Memory Storage Capacity	1 TB (expandable up to 8TB)
Power Source	Corded Electric
Operating System	Linux-Based Or Proprietary
Recommended Uses	Business, Home, Indoor/Outdoor
Compatible Devices	Laptops, Smartphones, TV, Tablets
Night Vision Range	80 Feet
Frame Rate	60 FPS
Recording Mode	Event, Schedule
Hardware Interface	HDMI, VGA, USB
Video Input	BNC
Viewing Angle	355 Degrees

## 6. MAINTENANCE

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### 6.1 Cleaning

- Regularly clean camera lenses with a soft, damp cloth to ensure clear image quality.
- Wipe down the DVR unit with a dry cloth. Avoid using harsh chemicals or abrasive cleaners.

### 6.2 Software Updates

Periodically check the ZOSI website or the ZOSI Smart app for firmware updates. Keeping your system updated ensures optimal performance, security, and access to new features.

### 6.3 Hard Drive Management

The DVR is configured to automatically overwrite the oldest footage when the 1TB hard drive is full. You can back up important video files to a USB memory stick or external hard drive via the DVR's USB ports.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your ZOSI Security Camera System.

### 7.1 No Video/Video Loss

- **Check Power:** Ensure all cameras and the DVR are properly powered. Verify power adapters are securely connected.
- **Check Cables:** Inspect BNC video cables for any damage or loose connections. Re-seat connections if necessary.
- **Verify Input:** On your monitor/TV, ensure the correct input source (HDMI/VGA) is selected.

Video 7.1: An official ZOSI video demonstrating the 8CH Security Camera System with 1TB HDD and 5MP Lite H.265+ DVR.

### 7.2 Remote Access Issues

- **Network Connection:** Confirm the DVR is connected to your router via Ethernet and has internet access. Check network status in DVR settings.
- **App Version:** Ensure you are using the latest 'ZOSI Smart' app. Older versions like 'Zosi View' are no longer supported.
- **Account Details:** Double-check your app login credentials and the 'Super Password' for the DVR.

### 7.3 Forgotten Password

If you forget your DVR password, you may need to use the 'Super Password' feature. This typically involves scanning a QR code on the DVR's monitor using a specific ZOSI utility app (e.g., SPD app mentioned in user reviews) to generate a temporary password. Refer to the Quick Start Guide or ZOSI support for the exact procedure.

## 8. WARRANTY AND SUPPORT

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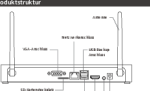
ZOSI provides after-sales support and services. For technical assistance, product inquiries, or warranty information, please visit the official ZOSI website or contact their support team. Many users report positive experiences with ZOSI's support via Facebook Messenger for prompt assistance.



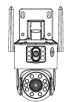
Figure 8.1: Scan this QR code for direct access to ZOSI support and resources.

You can also visit the [ZOSI Store on Amazon](#) for more product information and support resources.

## Related Documents - 8WN-211B4S-10-US

 <b>Digital Video Recorder</b> Quick Start Guide <small>For more information of your new system, please refer to <a href="http://www.zositech.com">www.zositech.com</a></small>	<a href="#">ZOSI Digital Video Recorder Quick Start Guide</a> A comprehensive guide to setting up and using your ZOSI Digital Video Recorder, covering system introduction, network connection, app setup, PC client usage, hard disk installation, video recording, and FAQs.
 <b>Digital Video Recorder</b> Quick Start Guide <small>For more information of your new system, please refer to <a href="http://www.zositech.com">www.zositech.com</a></small>	<a href="#">ZOSI Digital Video Recorder Quick Start Guide</a> A quick start guide for setting up and using the ZOSI Digital Video Recorder, including setup instructions, system access, and basic operations.
 <b>W4 Pro Wireless Security Camera System</b> Quick Start Guide <small>Thanks for your purchase of ZOSI. This guide will guide you through essential installation and setup steps. In addition to following this guide, please visit <a href="http://www.zositech.com">http://www.zositech.com</a> for more installation videos, tips and detailed information. If you have any problems about our products, please visit our online support center (<a href="http://www.zositech.com/support-center/">http://www.zositech.com/support-center/</a>) or contact us before shipping. ZOSI Technology Co., Ltd. 347, Xingyuan Road, Xingyuan Hangzhou 311121, China</small>	<a href="#">ZOSI W4 Pro Wireless Security Camera System: Quick Start Guide</a> Get started with your ZOSI W4 Pro Wireless Security Camera System with this comprehensive Quick Start Guide. This guide covers unboxing, system connection, camera installation, hard disk setup, remote viewing via the ZOSI Smart App and AVSS Client, device management, and warranty information. Perfect for setting up your home or business security.
 <b>Product Introduction</b>  <b>Product Introduction</b>  <small>© 2018 ZOSI Technology Co., Ltd. All rights reserved. ZOSI Technology Co., Ltd. 347, Xingyuan Road, Xingyuan Hangzhou 311121, China</small>	<a href="#">ZOSI NVR System: Setup, Operation, and Specifications Guide</a> A comprehensive guide to setting up and operating the ZOSI Network Video Recorder (NVR) system, covering product components, connection procedures, remote access via smartphone and PC, system settings, video playback and backup, usage specifications, frequently asked questions, and accreditation information.



<div data-bbox="118 96 194 123"><b>ZOSI</b> <small>Smart Security Systems</small></div> <div data-bbox="118 185 311 266"><b>Digital Video Recorder</b></div> <div data-bbox="118 387 311 414"><small>HDMI CE FCC For more information of your new system please refer to the manual.</small></div>	<div data-bbox="341 163 957 197"><a href="#">ZOSI Digital Video Recorder Installation &amp; User Guide</a></div> <div data-bbox="341 206 1444 356"><p>Comprehensive guide for ZOSI Digital Video Recorders (DVRs), covering system connection, smartphone viewing via Zosi Smart app, PC client software setup, hard disk installation, video recording, playback, motion detection, scheduled recording, and firmware upgrades. Learn to set up your ZOSI security system for reliable surveillance.</p></div>
<div data-bbox="118 477 272 645"><div data-bbox="118 477 178 504"><b>ZOSI</b></div><div data-bbox="159 504 272 533"><b>Quick Start Guide Smart IP Camera</b></div><div data-bbox="183 533 247 633"></div><div data-bbox="118 633 272 645"><small>For more information of your new system please refer to the manual.</small></div></div>	<div data-bbox="341 490 818 524"><a href="#">ZOSI Smart IP Camera Quick Start Guide</a></div> <div data-bbox="341 530 1465 640"><p>Quick start guide for the ZOSI Smart IP Camera, covering setup, installation, app usage, troubleshooting, and compliance information. Learn how to install and configure your ZOSI camera for optimal performance.</p></div>