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EZVIZ X5S-8W

EZVIZ X5S-8W Wireless NVR Instruction Manual

Model: X5S-8W

1. PRODUCT OVERVIEW

The EZVIZ X5S-8W is a wireless Network Video Recorder (NVR) designed for comprehensive surveillance solutions. It supports connection with up to 8 1080p Wi-Fi cameras, providing 24/7 recording and storage of video streams. The NVR features built-in HDMI and VGA interfaces for monitor connectivity, allowing live viewing or playback of recordings. Its optimized Wi-Fi connection ensures stable video transmission up to 100 meters (300 feet) and through multiple walls, making it suitable for covering large areas. The X5S-8W also supports the ONVIF protocol, enabling compatibility with various third-party cameras.

Figure 1: EZVIZ X5S-8W Wireless NVR highlighting HDMI/VGA output, 5MP support, Wi-Fi range, ONVIF, H.265, and 8TB storage.

Key features include:

- Supports up to 8 1080p Wi-Fi cameras.
- Integrated HDMI and VGA outputs for display connectivity.
- Extended Wi-Fi signal range up to 100 meters (300 feet).
- Supports up to 8TB hard disk storage for extensive recording.
- Utilizes H.265 video compression technology for efficient storage and faster streaming.
- Compatible with ONVIF protocol for integration with third-party cameras.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x EZVIZ X5S-8W NVR unit
- 1 x Power Adapter
- 1 x USB Mouse
- 1 x Quick Start Guide
- 1 x Screw Kit (*Note: Only included in SKUs without a pre-installed hard disk.*)

3. SETUP GUIDE

3.1. Hardware Installation

1. Hard Disk Drive (HDD) Installation (if not pre-installed):

Unscrew the NVR casing, carefully connect the SATA data and power cables to your 3.5-inch HDD (up to 8TB supported), and secure the drive using the provided screw kit. Reattach the casing.

2. Connect Peripherals:

- Connect the USB mouse to a USB port on the NVR.
- Connect a monitor to the NVR using either the HDMI or VGA port.
- For internet access and remote viewing, connect an Ethernet cable from your router to the NVR's Ethernet port.

3. Power On:

Connect the power adapter to the NVR and then plug it into a power outlet. The NVR will power on automatically.

3.2. Initial Configuration

1. First-Time Setup Wizard:

Upon first boot, follow the on-screen instructions to set up the NVR. This typically involves setting a password (the default password is often printed on the device itself), configuring network settings, and initializing the hard drive.

2. Connecting EZVIZ Wi-Fi Cameras:

- The NVR has a built-in hotspot. To connect EZVIZ cameras directly to the NVR, ensure the cameras are reset to their factory settings if they were previously connected to another Wi-Fi network.
- Use the NVR interface to search for available EZVIZ cameras and add them. The NVR will establish a direct wireless connection.

3. Connecting Third-Party ONVIF Cameras:

- Ensure the third-party ONVIF cameras are connected to the same local network as the NVR (e.g., via your router or a Wi-Fi extender configured as an access point).
- Access the NVR's camera management interface. Perform a search for ONVIF-compatible devices.
- When prompted, enter the username and password configured within the third-party camera's own settings. This is crucial for the NVR to access and record from these cameras.

4. EZVIZ App Integration:

Download the EZVIZ app on your mobile device. Create an EZVIZ account. Scan the QR code located on the NVR to add it to your account. This enables remote viewing and management of your cameras and recordings.



Figure 2: The EZVIZ X5S-8W NVR in a typical home environment.

4. OPERATING INSTRUCTIONS

4.1. Live View

- **Local Monitor:** Connect a monitor to the NVR via HDMI or VGA to view live feeds from all connected cameras simultaneously.
- **EZVIZ App:** Open the EZVIZ app on your smartphone or tablet. Select the NVR to view live streams from individual cameras or a multi-camera grid.

4.2. Recording Management

- **Continuous Recording:** The NVR can be configured to record continuously 24/7.
- **Motion Detection Recording:** Set up motion detection zones and sensitivity for each camera. The NVR will record only when motion is detected, saving storage space.
- **Scheduled Recording:** Customize recording schedules based on specific times or days.

4.3. Video Playback

- **Local Playback:** Use the NVR's interface with a connected monitor and mouse to navigate through recorded footage. The timeline typically highlights events (e.g., motion detection) for easier review.
- **Remote Playback:** Access recorded videos through the EZVIZ app. Select the desired camera and date to review footage.

5. MAINTENANCE

- **Regular Cleaning:** Keep the NVR unit clean and free from dust. Use a soft, dry cloth. Ensure ventilation openings are not blocked to prevent overheating.
- **Firmware Updates:** Periodically check for firmware updates through the EZVIZ app or NVR interface. Updates can improve performance, add features, and enhance security.
- **Hard Drive Health:** Monitor the health of your installed hard drive. If the drive shows signs of failure, replace it promptly to avoid data loss.
- **Password Security:** Regularly change your NVR and EZVIZ account passwords to strong, unique combinations.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
NVR does not power on.	Power adapter not connected or faulty; power outlet issue.	Ensure power adapter is securely connected. Try a different power outlet. Verify adapter functionality.
No video display on monitor.	Incorrect cable connection; monitor input not selected; NVR display settings.	Check HDMI/VGA cable connections. Ensure monitor is set to the correct input source. Restart NVR.
Cannot connect EZVIZ cameras.	Cameras not reset; NVR Wi-Fi interference; incorrect pairing process.	Reset EZVIZ cameras to factory defaults before attempting to connect to the NVR's hotspot. Ensure cameras are within range. Follow the NVR's pairing instructions.
Cannot connect third-party ONVIF cameras.	Cameras not on the same network; incorrect ONVIF credentials; firewall issues.	Verify that both the NVR and ONVIF cameras are on the same local network. Ensure the correct ONVIF username and password are entered on the NVR. Check camera settings for ONVIF enablement.
Remote viewing not working via EZVIZ app.	NVR not connected to internet; app login issues; NVR not added to account.	Ensure the NVR has a stable internet connection. Log out and back into the EZVIZ app. Verify the NVR is correctly added to your EZVIZ account by scanning the QR code.
Recording issues (no recording, incomplete footage).	Hard drive full or faulty; recording schedule incorrect; motion detection not configured.	Check hard drive status and remaining space. Ensure the hard drive is initialized. Verify recording schedules and motion detection settings. Replace faulty HDD if necessary.

7. SPECIFICATIONS

Figure 3: Detailed specifications of the EZVIZ X5S NVR series.

Feature	Detail
Brand	EZVIZ

Feature	Detail
Model Number	X5S-8W (Manufacturer Model: 303000342)
Wireless IPC Access Capability	Up to 8 x 5MP Wi-Fi cameras
Maximum Wireless Range	100m (300ft)
Video Output	1 x HDMI (up to 1080p), 1 x VGA (up to 1080p)
Audio/Video Codec	H.265, H.264
Recording Resolution	5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/2CIF/CIF/QCIF
Video Recording Mode	Manual, Motion Detection, Scheduled
HDD Interface Type	1 x Built-in SATA port
HDD Capacity	Supports 1TB to 8TB 3.5-inch HDD
USB Ports	1 x USB 2.0
Ethernet Port	1 x 10/100M adaptive Ethernet port
Dimensions (L x W x H)	270mm x 235mm x 44.5mm
Item Weight	900g (without HDD)
Power Source	Corded Electric
Wireless Standard	802.11a/b/g/n

Figure 4: Physical dimensions of the EZVIZ X5S NVR.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official EZVIZ website. EZVIZ products typically come with a limited warranty covering manufacturing defects.

For technical support, troubleshooting assistance, or further inquiries, please contact EZVIZ customer service through their official website or the contact information provided in your product documentation. You can also find FAQs and support resources on the EZVIZ support portal.

- **Official Website:** www.ezviz.com
- **Support Portal:** Refer to the EZVIZ website for specific regional support contacts and resources.