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> VIGI NVR1108H-W 8 Wi-Fi Channel Network Video Recorder User Manual

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VIGI NVR1108H-W 8-Channel Wi-Fi Network Video Recorder User Manual

Model: VIGI NVR1108H-W

1. INTRODUCTION

The VIGI NVR1108H-W is an 8-channel Wi-Fi Network Video Recorder designed for robust surveillance systems. It supports H.265+ video compression, offers 4K HDMI output, and features a 16MP decoding capacity. This NVR provides reliable and efficient video recording and management for your security needs.

Key features include 8-channel simultaneous playback, wireless connection (802.11 b/g/n, 300Mbps), a single SATA interface supporting up to 16TB, auto initialization for quick setup, smart detection configuration, two-way audio, and remote monitoring via the VIGI App, Web interface, VIGI Security Manager, or VMS.

2. PACKAGE CONTENTS

Verify that all items are present and in good condition. If any item is missing or damaged, contact your retailer.

- VIGI Network Video Recorder (VIGI NVR1108H-W)
- Power Adapter
- HDD Screws
- Mouse
- Rubber Feet
- Quick Installation Guide



Image: The retail packaging for the VIGI NVR1108H-W, showing the device and its key features.

3. PRODUCT OVERVIEW

3.1 Front and Side View



Image: Front view of the VIGI NVR1108H-W, a white square device with two antennas and a central TP-Link VIGI logo.



Image: Angled view of the VIGI NVR1108H-W, showing the side ventilation and the two antennas.

3.2 Rear Panel and Ports



Image: Rear panel of the VIGI NVR1108H-W, displaying various ports including VGA, LAN, USB, Audio Out, HDMI, and Power Input. The rear panel provides essential connectivity options for your surveillance system:

- **VGA Port:** For connecting to a monitor.
- **LAN Port (RJ-45 WAN/LAN):** For network connection.
- **USB 2.0 Ports (x2):** For connecting a mouse or external storage.
- **Audio Out:** For connecting external speakers.
- **HDMI Port:** For connecting to a high-definition monitor or TV.
- **Power Input:** For connecting the power adapter.

4. SETUP GUIDE

4.1 Hard Disk Drive (HDD) Installation

The NVR supports one SATA interface for an HDD up to 10 TB (or 16TB as per description). Follow these steps to install an HDD:

1. Press and hold the side cover latch to remove the side cover.
2. Push the HDD to insert it into the hard disk slot.
3. Fasten the screws to secure the HDD, using the correct HDD screw holes.
4. Reinstall the side cover.

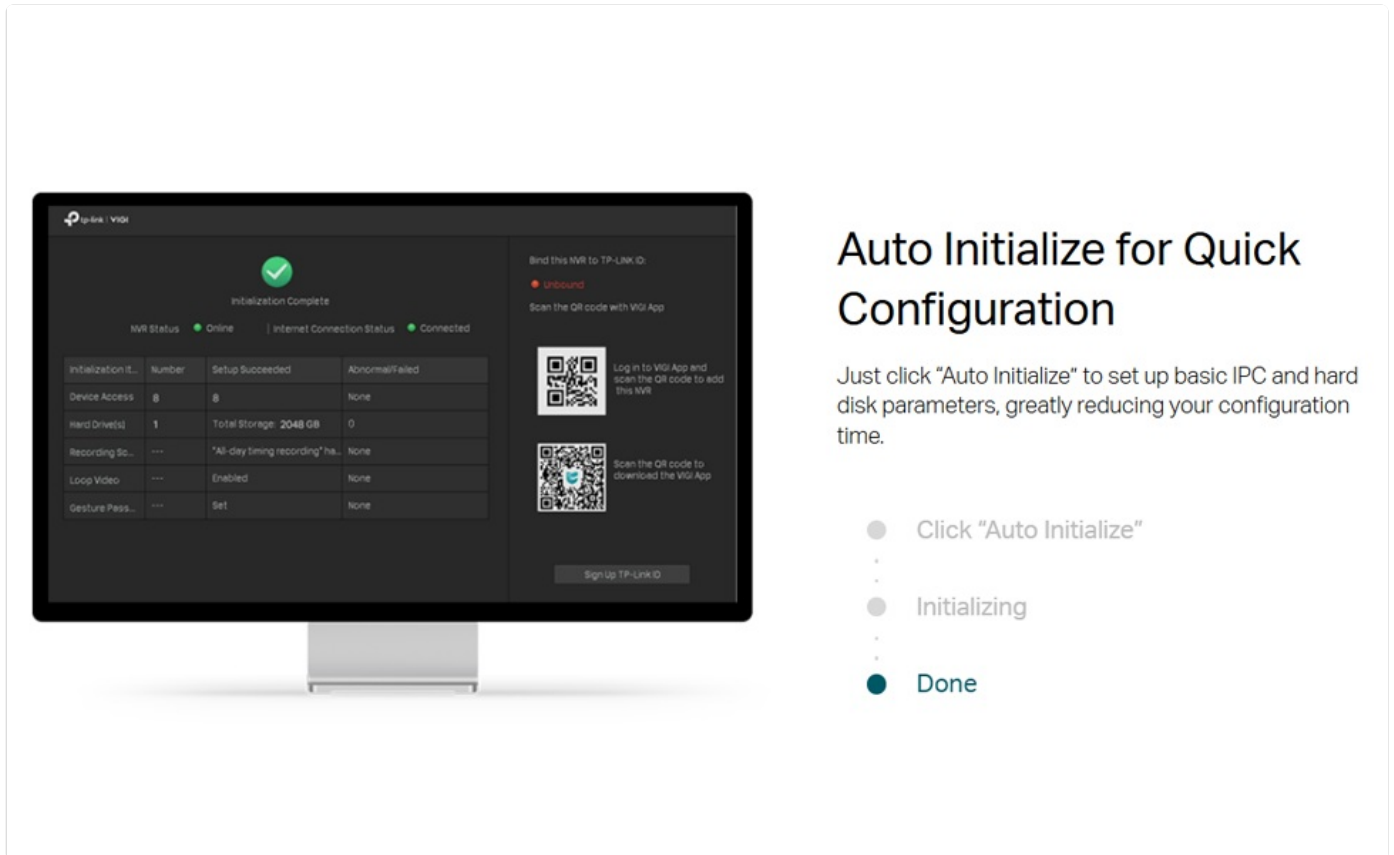


Image: Step-by-step diagram illustrating the process of installing a hard disk drive into the NVR.

4.2 Initial Power-Up and Configuration

After installing the HDD and connecting the NVR to power and a monitor, the device will automatically initialize for quick configuration.

- Connect the NVR to a power source using the provided power adapter.
- Connect a monitor to the NVR via HDMI or VGA.
- Connect a mouse to one of the USB ports.
- The NVR will boot up and display the initialization screen.
- Click "Auto Initialize" to set up basic IPC and hard disk parameters, significantly reducing configuration time.

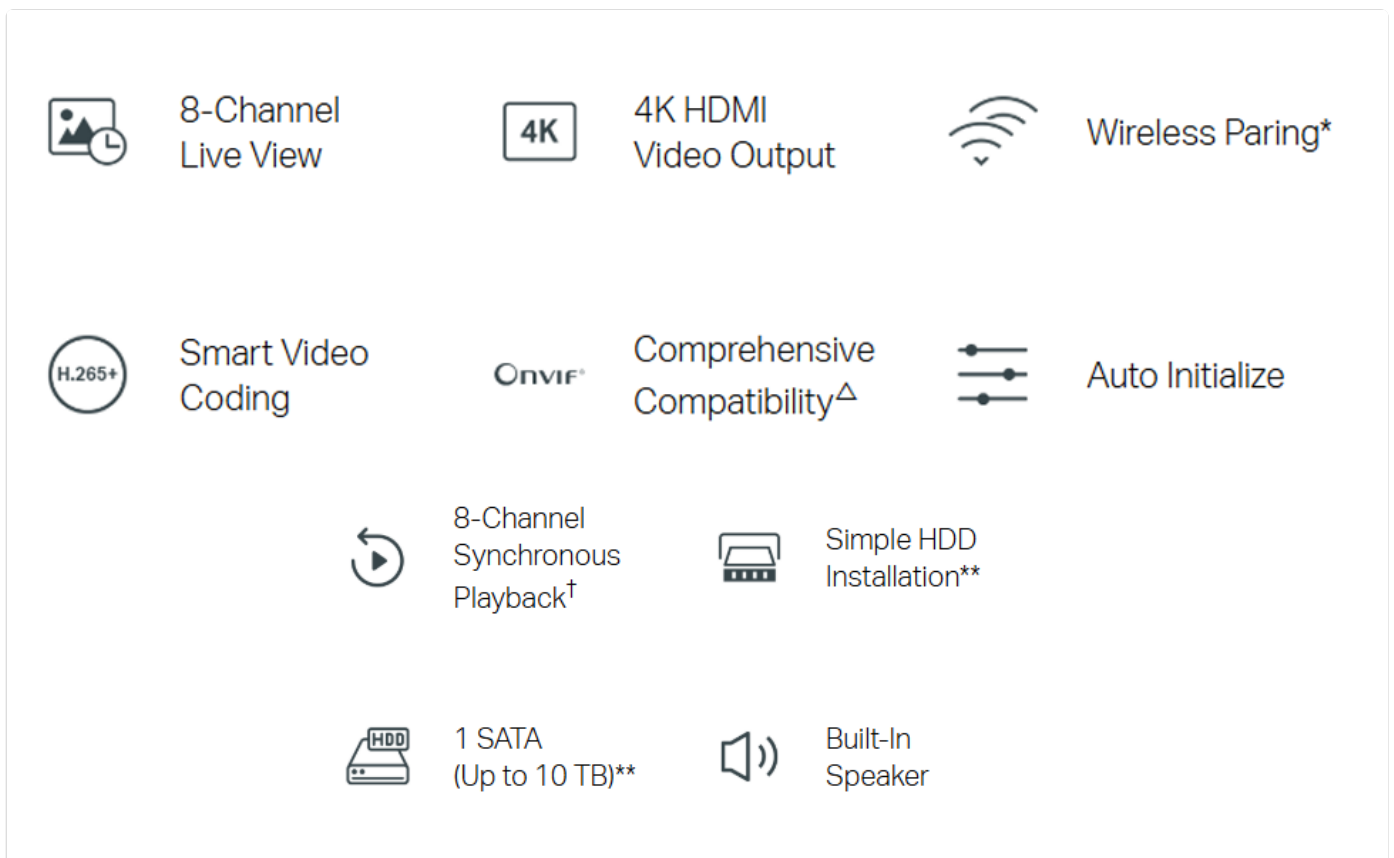


Image: Screenshot of the NVR's auto initialization interface, showing options for device access, hard drive status, and QR codes for the VIGI App.

4.3 Wireless Pairing and Network Connection

The NVR features a built-in routing module and supports wireless pairing with compatible VIGI Wi-Fi cameras. For wired connections, use the RJ-45 WAN/LAN Ethernet interface.

- For wireless cameras, follow the camera's instructions for wireless pairing with the NVR.
- For wired cameras, connect them to your network, and the NVR will discover them.
- Ensure your NVR is connected to the internet for remote access features.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

The VIGI NVR1108H-W supports 8-channel live view and 8-channel synchronous playback. You can view real-time footage or review recorded events directly from the NVR's interface.

- Navigate the on-screen menu using the connected mouse.
- Select "Live View" to see real-time feeds from connected cameras.
- Select "Playback" to access recorded footage. Use the timeline and channel selection to find specific events.

5.2 Remote Monitoring

Access your surveillance system remotely using the following methods:

- **VIGI App:** Download the VIGI App on your smartphone for convenient mobile access.
- **Web Browser:** Access the NVR's web interface via a standard web browser on your computer.
- **VIGI Security Manager:** A dedicated software for managing multiple VIGI devices.
- **VMS (Video Management Software):** Compatible with various VMS platforms.

5.3 Smart Detection and Two-Way Audio

Configure smart detection features such as motion detection and set up alarms. The NVR also supports two-way audio, allowing communication through compatible cameras.

- Access the NVR's settings menu to configure smart detection zones and sensitivity.
- Enable two-way audio in the camera settings for real-time communication.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your VIGI NVR.

- **Firmware Updates:** Periodically check for and install the latest firmware updates from the TP-Link VIGI website to ensure system stability, security, and access to new features.
- **HDD Health Check:** Monitor the health of your installed HDD through the NVR's system settings. Replace the HDD if any errors or warnings are reported.
- **Cleaning:** Keep the NVR free from dust. Use a soft, dry cloth to clean the exterior. Ensure ventilation openings are not blocked.
- **Environmental Conditions:** Operate the NVR within recommended temperature and humidity ranges to prevent damage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your VIGI NVR.

- **No Video Output:**
 - Ensure the NVR is powered on and the power adapter is securely connected.
 - Check the HDMI/VGA cable connection to the monitor and NVR.
 - Verify the monitor input source is correctly selected.
- **Cameras Not Connecting/Displaying:**
 - Ensure cameras are powered on and properly connected to the network (wired or Wi-Fi).
 - Check network connectivity between the NVR and cameras.
 - Verify camera IP addresses and ensure they are within the same network segment as the NVR.
 - For ONVIF cameras, ensure they are ONVIF compliant and try adding them manually if auto-discovery fails. Some ONVIF cameras may require specific port configurations.
 - Perform a factory reset on the camera if issues persist.
- **No Recording:**
 - Check if an HDD is installed and properly initialized.
 - Verify recording schedules and motion detection settings are correctly configured.
 - Ensure the HDD has sufficient free space.
- **Remote Access Issues:**
 - Ensure the NVR is connected to the internet.
 - Check network settings (DHCP/Static IP, DNS).
 - Verify port forwarding rules on your router if required for direct access.
 - Ensure the VIGI App or software is updated to the latest version.

For further assistance, refer to the TP-Link VIGI support website or contact technical support.

8. SPECIFICATIONS

Feature	Detail
Model Number	VIGI NVR1108H-W
Channels	8 Wi-Fi Channels
Video Compression	H.265+, H.264
Decoding Capacity	Up to 8-ch @ 2MP (25fps) / 4-ch @ 4MP (25fps)
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	60 Mbps
HDD Interface	1 SATA Interface (up to 10 TB, or 16TB as per description)
Video Output	4K HDMI, VGA Simultaneous Output
Wireless Connection	802.11 b/g/n, 300Mbps
USB Ports	2 x USB 2.0
Ethernet Interface	1x RJ-45 WAN/LAN
Dimensions (LxWxH)	20 x 20 x 4.3 Centimeters
Item Weight	500 g
Included Components	NVR, Power Adapter, HDD Screws, Mouse, Rubber Feet, Quick Installation Guide



Image: A visual summary of key features including 8-Channel Live View, 4K HDMI Output, Wireless Pairing, H.265+ Smart Video Coding, Comprehensive ONVIF Compatibility, Auto Initialize, 8-Channel Synchronous Playback, Simple HDD Installation, 1 SATA (Up to 10 TB), and Built-In Speaker.

9. WARRANTY AND SUPPORT

The VIGI NVR1108H-W comes with a **2-Year Warranty**.

For technical support, product information, and warranty claims, please contact TP-Link support:

- **Importer:** TP-Link India Private Limited., Office No-201, 2nd floor, A-wing, Time Square Building, Marol Naka, Andheri Kurla Road, Andheri East, Mumbai.
- **Toll Free Contact:** 1800 2094 168
- **Email Support:** support.in@tp-link.com
- **Online Resources:** Visit the official TP-Link VIGI website for FAQs, downloads, and additional support.