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› TP-Link VIGI NVR1008H 8 Channel Network Video Recorder User Manual

TP-Link VIGINVR1008H

TP-Link VIGI NVR1008H 8 Channel Network Video Recorder User Manual

Model: VIGINVR1008H | Brand: TP-Link

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1. INTRODUCTION

The TP-Link VIGI NVR1008H is an 8-channel Network Video Recorder designed to coordinate with camera systems for comprehensive viewing, storage, and playback of video footage. This device offers advanced features such as H.265+ video coding, 80 Mbps video access bandwidth, two-way audio, and remote monitoring capabilities, ensuring robust security for your premises.

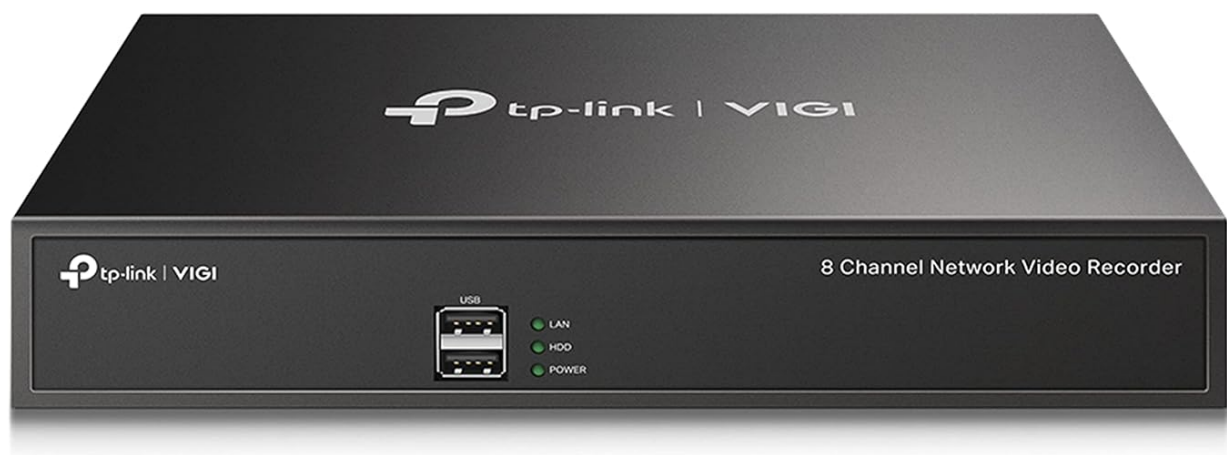


Figure 1.1: Front view of the TP-Link VIGI NVR1008H Network Video Recorder.

2. SETUP GUIDE

2.1 Package Contents

Before you begin, please verify that all components are present in your package:

- VIGI Network Video Recorder (NVR)
- Power Adapter
- HDD Screws
- Mouse
- Quick Installation Guide



Figure 2.1: The retail packaging of the VIGI NVR1008H, showing included components.

2.2 Hardware Installation

Follow these steps to install your NVR hardware:

1. Install Hard Disk Drive (HDD):

The NVR supports one SATA hard drive up to 10 TB for continuous recording. Ensure the NVR is powered off before installing the HDD. Remove the NVR cover, secure the HDD using the provided screws, and connect the SATA data and power cables. Replace the cover.



Figure 2.2: Illustration of installing a hard disk drive into the NVR.

2. Connect Peripherals:

Connect a monitor to the NVR's HDMI or VGA port. Connect the included mouse to one of the USB ports. For network access, connect an Ethernet cable from the NVR's LAN port to your router or network switch.



Figure 2.3: Rear panel of the NVR showing HDMI, VGA, Audio In/Out, LAN, and Power ports.

VIGI NVR Introduction

The VIGI network video recorder coordinates with camera systems to help you view, store, and playback videos.



Figure 2.4: Diagram illustrating the connection of cameras, monitor, and network to the NVR.

3. Power On:

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

2.3 Initial Configuration

Upon first power-on, the NVR will guide you through an initial setup wizard on the connected monitor. Follow the on-screen prompts to:

- Set up administrator password.
- Configure network settings (DHCP recommended for most users).
- Initialize the HDD (if newly installed).
- Search for and add IP cameras. The NVR supports ONVIF for broad compatibility.

3. OPERATION

3.1 Live View and Recording

The VIGI NVR provides 24/7 continuous recording and an 8-channel real-time live view. You can monitor all connected cameras simultaneously with sharp image definition up to 8MP.

- **Continuous Recording:** Footage is automatically stored on the installed HDD, securing your data for quick and convenient access.
- **High Bandwidth:** The 80 Mbps video access bandwidth ensures the NVR can connect more cameras with high resolution, supporting up to eight 4MP cameras based on laboratory testing.

3.2 Playback and Review

Reviewing recorded footage is efficient with the NVR's simultaneous playback feature.

- Replay the feed from up to 4 cameras at the same time.
- Increase replay speed for faster review.
- Utilize the video schedule to easily find specific events.

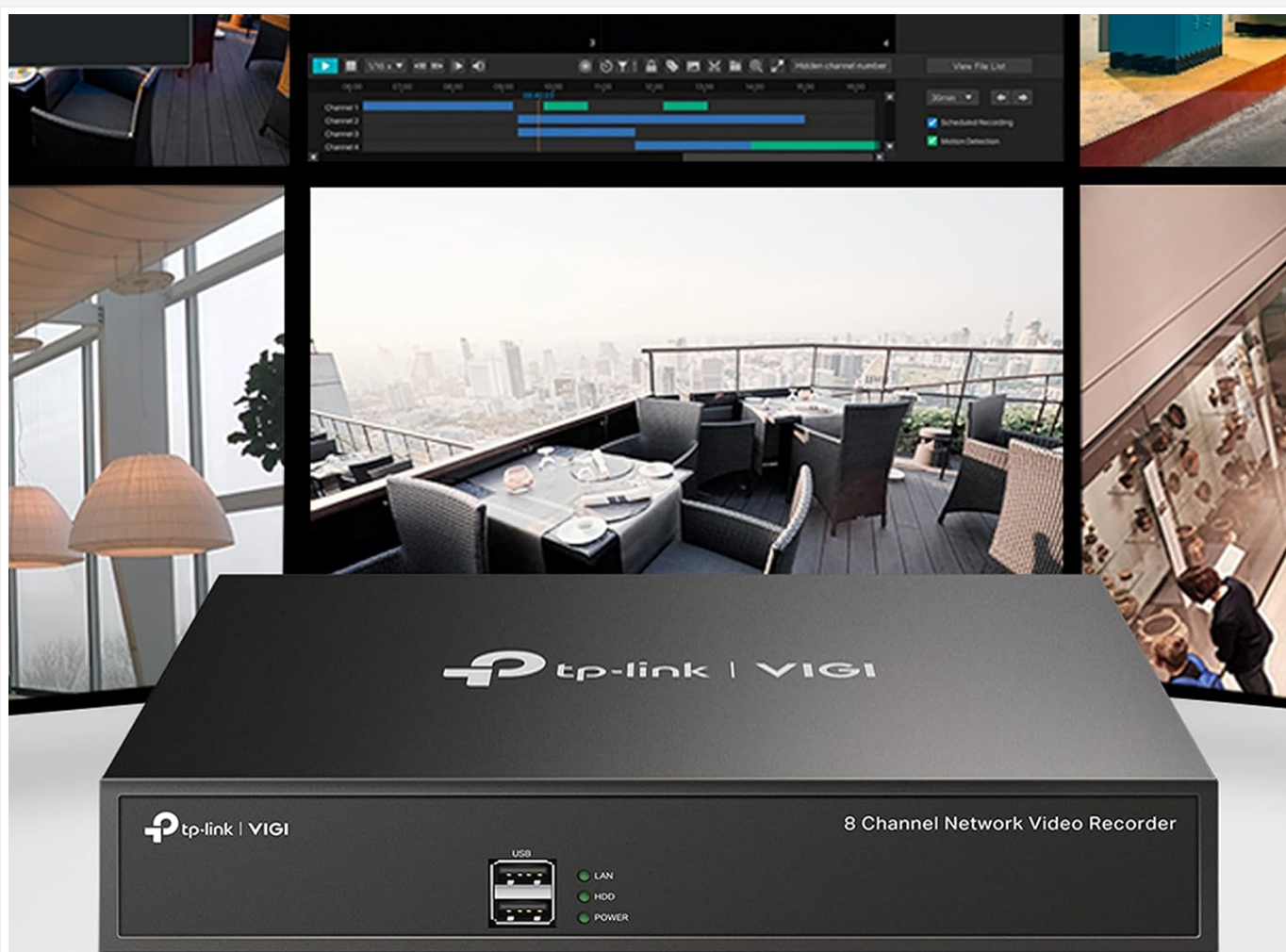


Figure 3.1: The NVR interface displaying simultaneous playback from multiple camera channels.

3.3 Remote Monitoring

The dedicated VIGI app allows for convenient remote monitoring of your security system from anywhere.

- Access live feeds and recorded footage on your mobile device.
- Receive alerts and notifications.

3.4 Two-Way Audio

With voice intercom support, you can engage in two-way conversations through connected cameras while monitoring your feed, suitable for management and communication.

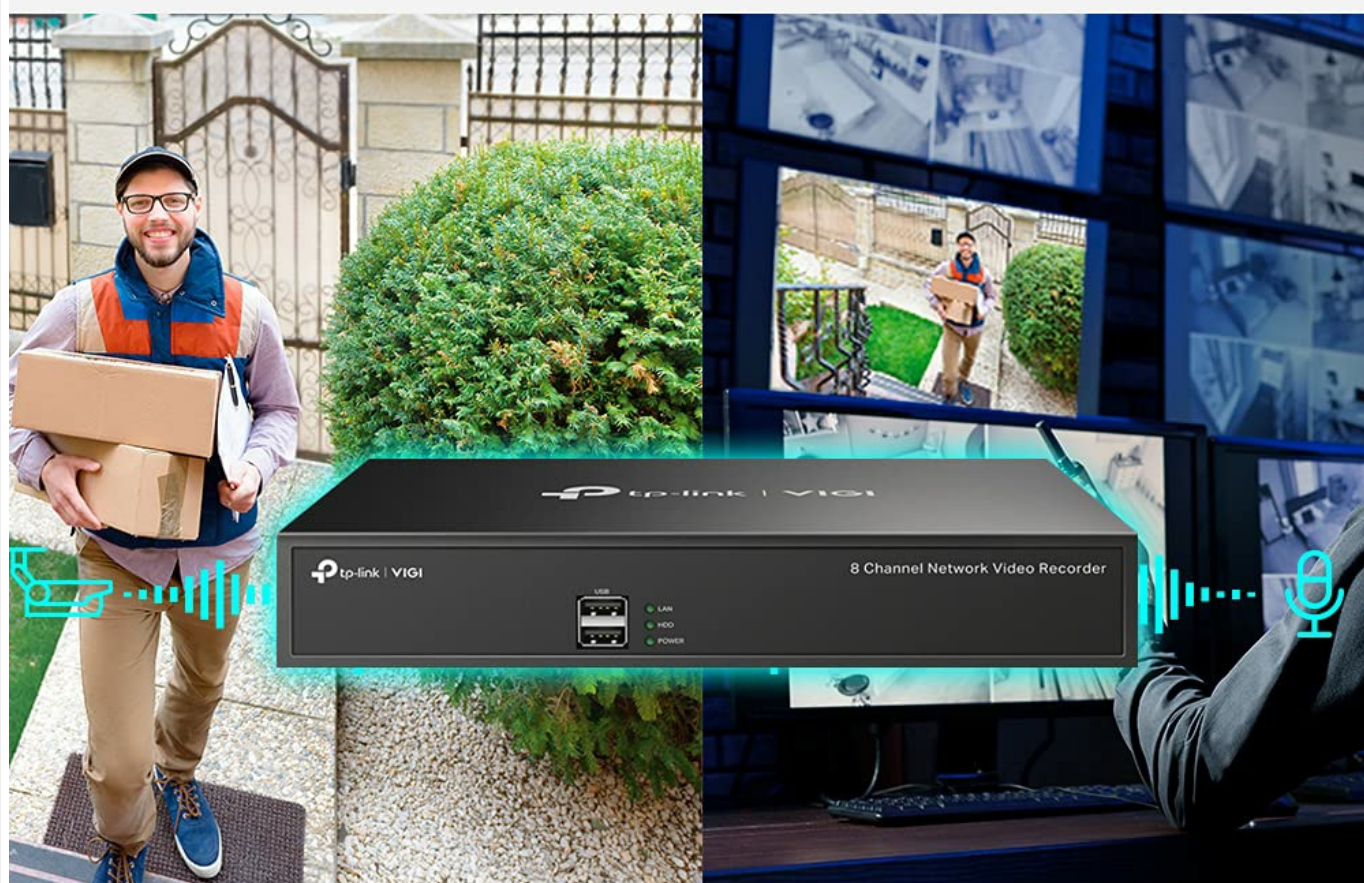


Figure 3.2: Depiction of the two-way audio feature, allowing communication through the NVR system.

3.5 Video Coding Technology

The NVR utilizes H.265+ Smart Video Coding, which efficiently compresses crystal-clear video without using extra bandwidth. This technology helps save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.

4. MAINTENANCE

4.1 Hard Drive Management

Regularly check the status of your installed HDD through the NVR's system settings to ensure optimal recording performance. The NVR supports up to 10 TB of storage, which can store approximately 720 days of video footage (depending on camera resolution and recording settings).

- **Formatting:** If you install a new HDD or encounter recording issues, you may need to format the drive via the NVR's system menu.
- **Storage Alerts:** Configure alerts for low disk space to prevent interruption of recording.

4.2 Firmware Updates

Periodically check for firmware updates on the TP-Link official website or through the VIGI app. Keeping your NVR's firmware up-to-date ensures access to the latest features, security patches, and performance improvements.

4.3 Cleaning and Care

To ensure the longevity and proper functioning of your NVR:

- Keep the device in a cool, dry, and well-ventilated area.
- Avoid exposing the NVR to direct sunlight, excessive heat, or moisture.
- Clean the exterior with a soft, dry cloth. Do not use liquid or aerosol cleaners.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
NVR does not power on.	Power adapter not connected or faulty; power outlet issue.	Ensure power adapter is securely connected to NVR and a working power outlet. Try a different outlet.
No video output on monitor.	HDMI/VGA cable loose or faulty; incorrect monitor input selected.	Check cable connections. Ensure monitor is set to the correct input source (HDMI/VGA).
Cameras not connecting to NVR.	Network issues; incorrect camera IP/credentials; ONVIF compatibility issues.	Verify network connectivity for both NVR and cameras. Double-check camera IP addresses and login credentials. Ensure cameras support ONVIF and are configured correctly. Update NVR firmware.
No recording or HDD error.	HDD not installed or faulty; HDD not initialized/formatted; recording schedule not set.	Ensure HDD is properly installed and connected. Initialize/format the HDD via NVR settings. Verify recording schedules are enabled.
Remote monitoring not working.	Network configuration issues; VIGI app not configured correctly; NVR not connected to internet.	Ensure NVR has internet access. Check port forwarding settings on your router if necessary. Reconfigure VIGI app connection.

6. SPECIFICATIONS

Key technical specifications for the TP-Link VIGI NVR1008H:

Feature	Detail
Model Number	VIGINVR1008H
Channels	8 Channel
Video Access Bandwidth	80 Mbps
Video Compression	H.265+, H.265
HDD Interface	1 SATA interface (up to 10 TB)
Audio	Two-Way Audio Support
Connectivity	Wired (Ethernet)
Compatible Devices	Cameras (ONVIF compatible)
Product Dimensions (LxWxH)	20 x 15 x 15 cm
Item Weight	10 g
Power Consumption	4.25 Watts
Country of Origin	China
Date First Available	21 February 2022

7. WARRANTY AND SUPPORT

7.1 Product Warranty

For detailed warranty information regarding your TP-Link VIGI NVR1008H, please refer to the warranty card included in your product packaging or visit the official TP-Link website. Standard warranty terms and conditions apply. Extended warranty plans may be available for purchase separately.

7.2 Technical Support

Should you encounter any issues or require technical assistance, please contact TP-Link support through the following channels:

- **Website:** Visit the official TP-Link support website for FAQs, troubleshooting guides, and firmware downloads.
- **Phone Support:** Refer to the TP-Link website for regional contact numbers.
- **Email Support:** Contact TP-Link support via email for non-urgent inquiries.

When contacting support, please have your product model number (VIGINVR1008H) and serial number ready.

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