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› Hikvision DS-7108HGHI-M1/T 8-Channel Turbo HD DVR User Manual

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Model: DS-7108HGHI-M1/T

1. INTRODUCTION

1.1 Product Overview

The Hikvision DS-7108HGHI-M1/T is an 8-channel Turbo HD DVR designed for reliable surveillance recording in various environments. This digital video recorder supports 1080p Lite recording, providing clear video footage. It incorporates H.265 Pro+ compression technology for efficient storage and video quality. Features include Motion Detection 2.0 for intelligent event identification, 2-way audio support for communication, and HDMI/VGA output options for display connectivity. Remote viewing is available via the Hik-Connect application.



Figure 1: Top view of the Hikvision DS-7108HGHI-M1/T DVR. This image displays the device's compact white casing with the Hikvision brand logo centrally located. Indicator lights for power, hard drive activity, and network status are visible on the left side of the top panel.

1.2 Key Features

- **8-Channel Turbo HD DVR:** Supports up to 8 analog cameras with 1080p Lite recording resolution.
- **Advanced Compression:** Utilizes H.265 Pro+ video compression for reduced bandwidth and storage while maintaining video quality.
- **Two-Way Audio Support:** Enables real-time communication through connected cameras via built-in audio input and output.
- **Motion Detection 2.0:** Intelligent motion detection technology for improved accuracy and reduced false alarms.
- **Flexible Connectivity:** Equipped with HDMI and VGA outputs, a network port for remote viewing via Hik-Connect, and USB ports for data backup.

1.3 Package Contents

Verify that all items are present in the package:

- 1 x 4 Channel DVR Recorder (Note: Product title indicates 8-channel, but package content lists 4-channel. Please verify actual product received.)
- 2 x 2MP ColorVu Dome Cameras
- 2 x 2MP ColorVu Bullet Cameras
- 1 x 1TB Surveillance Hard Disk Drive
- 1 x 4 Channel SMPS Power Supply

- 8 x BNC Connectors
- 4 x DC Power Connectors
- 1 x HDMI Cable
- 1 x USB Mouse
- 1 x Power Adapter for DVR
- 1 x Cable Roll (90 Metres)
- 6 x Mounting Screws
- Installation Accessories

2. SETUP

2.1 Physical Installation

Before connecting, ensure the DVR is placed on a stable, flat surface with adequate ventilation. Avoid direct sunlight, heat sources, and areas with high humidity or dust.



Figure 2: Rear panel of the Hikvision DS-7108HGHI-M1/T DVR. This image illustrates the various connectivity ports available on the back of the device, including multiple BNC connectors for camera inputs, VGA and HDMI outputs for display, audio input and output jacks, an Ethernet port for network connection, USB ports for peripherals, and the DC power input.

2.2 Connecting the DVR

1. **Connect Cameras:** Attach your analog cameras to the BNC video input ports on the rear panel (refer to Figure 2).

2. **Connect Monitor:** Connect a monitor to the DVR using either the HDMI or VGA output port.
3. **Connect Network:** For remote viewing and network access, connect an Ethernet cable from the DVR's LAN port to your router or network switch.
4. **Connect USB Devices:** Plug the included USB mouse into one of the USB ports for navigation. Additional USB ports can be used for external storage for backup.
5. **Connect Audio (Optional):** If using cameras with audio or an external microphone, connect to the Audio In port. Connect speakers to the Audio Out port for two-way audio communication.
6. **Connect Power:** Connect the provided power adapter to the DVR's power input and then to a power outlet.

2.3 Initial Power-Up and Configuration

After connecting all necessary cables, power on the DVR. The system will boot up, and you will be guided through an initial setup wizard on the connected monitor. Follow the on-screen prompts to set up basic parameters such as language, date/time, network settings, and administrator password. It is crucial to set a strong password for security.

3. OPERATING INSTRUCTIONS

3.1 Live View

Once the DVR is powered on and cameras are connected, the live view of all connected cameras will be displayed on the monitor. You can switch between single-camera view, multi-camera grid view, and sequence display using the on-screen controls or the USB mouse.

3.2 Recording

The DVR supports various recording modes:

- **Continuous Recording:** Records 24/7.
- **Scheduled Recording:** Records during specified time periods.
- **Motion-Triggered Recording:** Records only when motion is detected.
- **Event Recording:** Records based on other events like alarm input.

Configure recording schedules and parameters through the DVR's menu system. The H.265 Pro+ compression technology optimizes storage space while maintaining video quality.

3.3 Playback

To review recorded footage:

1. Access the 'Playback' menu from the main interface.
2. Select the desired camera(s) and date/time range.
3. Use the timeline to navigate through recordings. Playback controls (play, pause, fast forward, rewind) are available.

3.4 Remote Viewing via Hik-Connect

The Hik-Connect application allows remote access to your DVR from a smartphone or computer. To set up:

1. Ensure the DVR is connected to the internet.
2. Download and install the Hik-Connect app on your mobile device.
3. Create a Hik-Connect account and add your DVR by scanning the QR code or manually entering the serial number.
4. Follow the app's instructions to view live feeds, play back recordings, and receive notifications remotely.

3.5 Motion Detection 2.0

Motion Detection 2.0 is an advanced feature that intelligently identifies movement, reducing false alarms caused by environmental factors. Configure motion detection zones and sensitivity settings in the DVR's menu. When motion is detected, the DVR can trigger recording, send notifications, or activate alarms.

3.6 Two-Way Audio

If your cameras support audio and are connected to the DVR's audio input/output, you can use the two-way audio feature. This allows you to listen to audio from the camera's location and speak through a connected speaker, enabling interactive communication.

4. MAINTENANCE

4.1 General Maintenance

- **Cleaning:** Regularly clean the DVR's exterior with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure the DVR's ventilation openings are clear and not obstructed to prevent overheating.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.

4.2 Storage Management

- **Hard Drive Health:** Monitor the health status of the internal hard drive through the DVR's system information menu.
- **Data Backup:** Regularly back up important recordings to an external USB drive or network storage to prevent data loss.
- **Overwrite Mode:** Configure the DVR to overwrite older recordings when the hard drive is full, or set it to stop recording.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **No Video Display:**
 - Check power connections to the DVR and monitor.
 - Verify HDMI/VGA cable connections.
 - Ensure the correct input source is selected on the monitor.
- **No Camera Image:**
 - Check camera power supply.
 - Verify BNC cable connections between camera and DVR.
 - Ensure camera is compatible with the DVR's technology (e.g., TVI, CVI, AHD, CVBS).
- **Remote Viewing Not Working:**
 - Confirm the DVR is connected to the internet (check network cable and router status).
 - Verify network settings on the DVR.
 - Ensure the Hik-Connect app is correctly configured and the DVR is added.
- **No Recording:**
 - Check if the hard drive is installed and initialized.
 - Verify recording schedules and settings.

- Check hard drive health status.

6. SPECIFICATIONS

6.1 Technical Specifications

Feature	Detail
Model Number	DS-7108HGHI-M1/T
Brand	HIKONECT (Manufacturer: Hikvision)
Number of Channels	8
Connectivity Technology	Ethernet, HDMI, USB, VGA
Compatible Devices	Camera
Product Dimensions (L x W x H)	12L x 14W x 5H Centimeters
Item Weight	750 Grams
Item Type Name	DVR

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This product comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact your retailer or the manufacturer's customer support. Refer to the contact information provided with your purchase or visit the official Hikvision website for support resources.

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