

[Manuals.plus](#) /

› [TOWODE](#) /

› TOWODE 8-Channel 5MP H.265+ DVR System (Model 8CH-1TB) User Manual

TOWODE 8CH-1TB

TOWODE 8-Channel 5MP H.265+ DVR System (Model 8CH-1TB) User Manual

Model: 8CH-1TB

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TOWODE 8-Channel 5MP H.265+ Surveillance DVR System. This DVR supports up to 8 cameras with 5MP resolution, offering advanced video compression and remote access capabilities. Please read this manual thoroughly before using the product to ensure proper setup and functionality.



Image 1.1: Front and rear view of the TOWODE 8-Channel DVR System, highlighting the included 1TB hard drive.



Image 1.2: Various application environments for the DVR system, including home, courtyard, community, office, factory, and construction sites.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x TOWODE 8-Channel DVR Recorder
- 1x 1TB Hard Disk Drive (pre-installed)
- 1x Power Adapter for DVR
- 1x USB Mouse
- 1x User Manual (this document)

3. SETUP INSTRUCTIONS

3.1 Hardware Connection

Follow these steps to connect your DVR system:

1. **Connect Display:** Plug the HDMI or VGA cable from your monitor into the corresponding port on the back of the DVR.
2. **Connect Mouse:** Plug the USB mouse into one of the USB ports on the DVR.
3. **Connect Cameras:** Connect your surveillance cameras to the 'VIDEO IN' BNC ports on the DVR using appropriate video input cables. Ensure compatibility as detailed below.
4. **Connect Network (Optional but Recommended):** For remote access, connect an Ethernet cable from your router to the 'NET' port on the DVR.
5. **Power On:** Plug the DVR power adapter into the 'DC 12V' port and then into a power outlet. The system will boot up.

Hybrid 5-IN-1 DVR

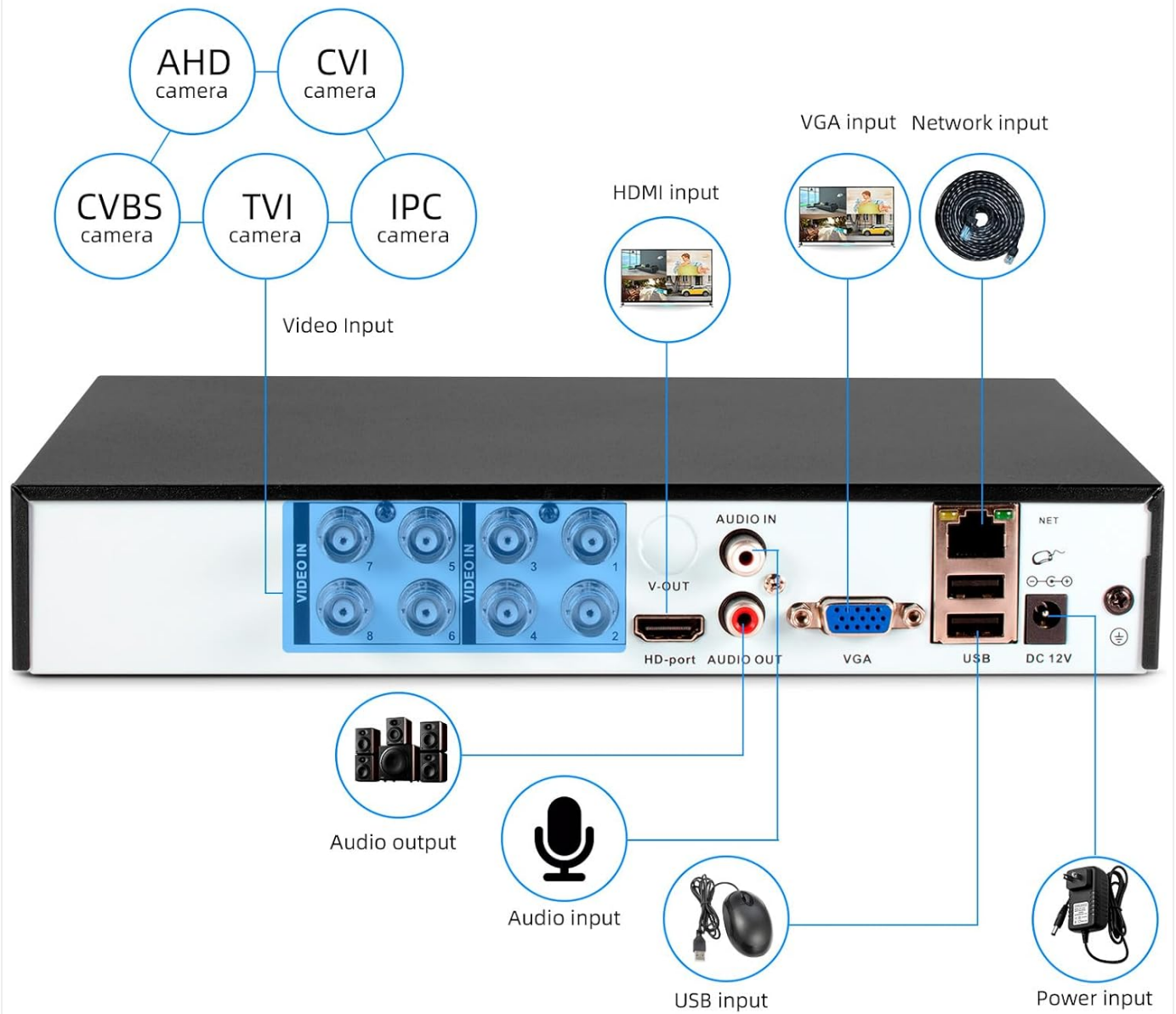


Image 3.1: Diagram illustrating the various input and output ports on the DVR, including video input, audio input/output, HDMI, VGA, USB, and network connections.

Your browser does not support the video tag.

Video 3.1: A step-by-step guide demonstrating the physical connections for the DVR system, including HDMI, USB mouse, video input cables, and power supply.

3.2 Camera Compatibility

It is crucial to verify camera compatibility before connection. The DVR supports a 5-in-1 access mode for AHD/TVI/CVI/CVBS/IP cameras. Please note the following parameters:

- **5MP Cameras:** Supports 8*5MN@20fps. Ensure the frame rate does not exceed 20fps and resolution does not exceed 5MN.
- **4MP Cameras:** Supports 8*4MN@15fps. Ensure the frame rate does not exceed 15fps and resolution does not exceed 4MN.
- **1080P Cameras:** Supports 8*1080P@15fps (XVI). Ensure the frame rate does not exceed 15fps and resolution does not exceed 1080P.

Widely Capatiblility 5-in-1 DVR



Image 3.2: Visual representation of the DVR's wide compatibility with AHD, CVBS, CVI, TVI, and IP camera types.

4. OPERATING INSTRUCTIONS

4.1 Initial Setup Wizard

Upon first boot-up, the DVR will display a 'Startup Wizard' on the connected monitor. Follow the on-screen prompts to configure basic settings such as date, time, network, and password. It is recommended to set a strong password for security.

4.2 Live View and Recording

The DVR provides 24/7 continuous recording for all 8 channels. You can view live feeds from all connected cameras simultaneously on your monitor. The system utilizes H.265+ video compression for efficient storage and smooth viewing.



Non-stop Recording

Record every second for maximum security
Supports 8 channel live screen



Image 4.1: A monitor displaying an 8-channel live view, indicating continuous recording for maximum security.

Round-the-Clock Video & Audio Recording

5MP lite DVR can work with AHD, CVI, CVBS, TVI, IPC cameras and support video input up to 5MP, provide clearer viewing.



Up to
8 Cameras



Video
Recording



Image 4.2: Illustrates the DVR's capability for round-the-clock video and audio recording, supporting up to 8 cameras.

4.3 Advanced Features

- **H.265+ Video Compression:** This advanced compression standard significantly reduces storage requirements (up to 80% savings compared to H.264) while maintaining high image quality and providing a smooth browsing experience.
- **Intelligent Alarm System:** The DVR features mobile detection. Upon detecting abnormal activity, it can automatically trigger an alarm and send push notifications via email or mobile phone, keeping you informed of your property's security status.
- **Smart Playback:** Easily search and review recorded footage. The smart playback feature helps locate specific events quickly, saving time.
- **Remote Access:** View real-time surveillance footage and playback recordings from anywhere with an internet connection using mobile phones, computers, or other devices.

Advanced H.265+ Video Compression



Smooth viewing



Reduced memory space



H.265+

H.264

Fluency



Fluency



Storage Space



Storage Space



Image 4.3: Comparison demonstrating the efficiency of H.265+ video compression over H.264 in terms of fluency and storage space.

AI Motion Face Detection

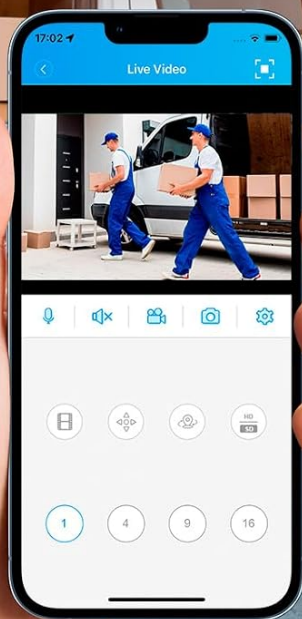
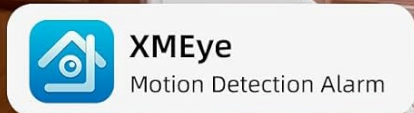


Image 4.4: Illustration of the AI Motion Face Detection feature, showing how it identifies human figures and sends app push notifications or emails with high accuracy.

Advanced Smart Playback

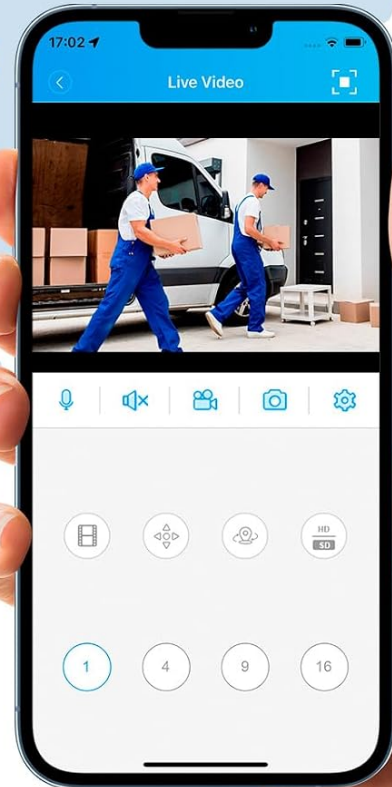
Never miss any wonderful moment!



Image 4.5: A visual timeline demonstrating the Advanced Smart Playback feature, allowing users to quickly review specific events.

Free & Easy remote access

Monitor Your Property Anytime, Anywhere



APP:
XMEye and Icsee



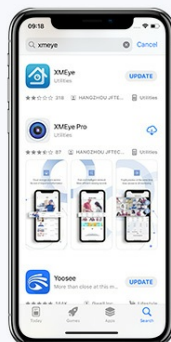
PC:
Download VMS

Image 4.6: Depicts the free and easy remote access capability, allowing monitoring from various devices anywhere in the world.

1. Connect CCTV system & Connect to network



2. Download free APP



APP XMEye
and Icsee



Download
VMS

3. Enjoy life view

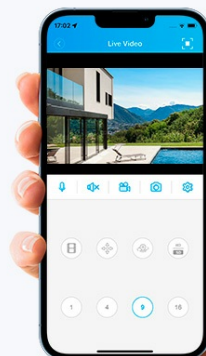


Image 4.7: A three-step guide for remote viewing: 1. Connect CCTV system to network, 2. Download free app (XMEye or ICSEE), 3. Enjoy live view.

5. MAINTENANCE

5.1 Hard Drive Management

The DVR comes with a pre-installed 1TB hard drive for reliable 24/7 video recording. The system supports up to 14TB external HDD for expanded storage. Regularly check the hard drive status through the DVR's system settings to ensure optimal performance and prevent data loss.



Image 5.1: The DVR unit highlighting the pre-installed 1TB HDD and its capability to support up to 14TB external HDD for expanded storage.



Image 5.2: The DVR unit with dimensions and an indication of the pre-installed 1TB HDD, supporting up to 14TB.

5.2 Software Updates

Periodically check for firmware updates through the DVR's system settings. Updates can improve performance, add new features, and enhance security. Follow the on-screen instructions carefully during the update process.

6. TROUBLESHOOTING

6.1 No Video Output

- Ensure the monitor is powered on and correctly connected to the DVR via HDMI or VGA.
- Verify the DVR is powered on and its power adapter is securely connected.
- Check if the correct input source is selected on your monitor.

6.2 No Camera Feed

- Confirm that cameras are powered on and their video cables are securely connected to the DVR's 'VIDEO IN' ports.
- Review the camera compatibility section (3.2) to ensure your cameras meet the DVR's specifications.
- Test cameras individually if possible to isolate a faulty camera or cable.

6.3 Remote Access Issues

- Ensure the DVR is connected to your network via an Ethernet cable and has a stable internet connection.
- Verify that the remote access application (XMEye or ICSEE) is correctly installed on your mobile device or computer and configured with the correct DVR details.
- Check your router settings for any firewall or port forwarding configurations that might be blocking access.

7. SPECIFICATIONS

Feature	Specification
Brand	TOWODE
Model Number	8CH-1TB (Item model number: 768633412774)
Video Channels	8-Channel

Max Resolution Support	5MP
Video Compression	H.265+
Camera Compatibility	AHD/TVI/CVI/CVBS/IP (5-in-1)
Internal Storage	1 TB Hard Disk Drive (pre-installed)
Max External Storage	Up to 14 TB
Connectivity Technology	Ethernet
Compatible Devices	Cameras
Item Weight	3.78 pounds
Package Dimensions	13.82 x 11.1 x 3.15 inches

8. WARRANTY INFORMATION

Specific warranty details for the TOWODE 8-Channel 5MP H.265+ DVR System are not provided in the available product information. Please refer to the product packaging or contact the manufacturer directly for warranty terms and conditions.

9. SUPPORT

For technical assistance, troubleshooting, or further inquiries regarding your TOWODE DVR system, please contact the manufacturer's customer support. Contact information can typically be found on the product packaging or the official TOWODE website.

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

Email

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question