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TOWODE A1008NE5M

TOWODE 8-Channel 6-in-1 Surveillance DVR Recorder User Manual

Model: A1008NE5M

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your TOWODE 8-Channel 6-in-1 Surveillance DVR Recorder. Please read this manual thoroughly before using the product to ensure proper and safe operation.

Product Overview

The TOWODE 8-Channel 6-in-1 Surveillance DVR Recorder is a versatile digital video recorder designed for home and business security systems. It supports a wide range of camera types and offers advanced features for comprehensive surveillance.

- **Upgraded Powerful 6-in-1 DVR:** Supports XVI/AHD/CVBS/CVI/IP/TVI camera modes, allowing connection of various security cameras.
- **H.265+ Video Compression:** Provides efficient storage and smoother viewing with reduced bandwidth requirements.
- **Remote Access:** View live or recorded footage from anywhere using the free "XMEye" or "icsee" mobile app on smartphones, tablets, or PCs.
- **Smart Motion Detection:** Receive real-time app notifications and email alerts with snapshots when motion events are detected.
- **High Definition Picture Quality:** Supports 1080p full HD technology for clear and detailed video.
- **Expandable Storage:** Compatible with SATA 2.5-3.5" security hard drives up to 14TB (hard drive not included).

Image: The TOWODE 8-Channel DVR unit shown alongside a smartphone displaying the remote viewing application interface.

Image: Illustration of the DVR providing all-in-one security management, displaying multiple camera feeds on a television screen in a home setting.

Image: The DVR unit highlighting its 5MP HD capability and 6-in-1 compatibility, surrounded by icons representing key features like H.265 compression, remote view, email alerts, motion detection, P2P cloud, 1080N recording, HDMI output, and USB backup.

2. What's in the Box?

Please check the contents of your package against the list below. If any items are missing or damaged, please contact your retailer.

- 1 x 8-Channel DVR Recorder
- 1 x USB Mouse
- 1 x DVR Power Supply
- 1 x User Manual

Note: Hard disk is not included and must be purchased separately if recording functionality is desired.

Image: A visual representation of the items included in the box: the 8-channel DVR unit with dimensions, a USB mouse, a DVR power supply, and a user manual.

3. Specifications

Feature	Description
Model Number	A1008NE5M
Product Dimensions	7.48 x 7.48 x 1.57 inches (19cm x 19cm x 4cm)
Item Weight	1.69 pounds
Number of Channels	8
Supported Camera Modes	XVI/AHD/CVBS/CVI/IP/TVI (6-in-1)
Video Compression	H.265+

Video Output	VGA, HDMI (simultaneous)
Connectivity Technology	HDMI, Network (RJ45), USB
Hard Drive Support	SATA 2.5-3.5" 500G ~ 14TB (not included)
Remote Access App	XMEye, icsee
Motion Detection	Supported with real-time alerts

4. Setup Guide

4.1 DVR Port Introduction

Familiarize yourself with the ports on the back of the DVR unit:

Image: Detailed diagram of the DVR's rear panel, labeling each port including Video In (BNC), Audio In (RCA), HD-port (HDMI), Audio Out (RCA), VGA, USB, Network (RJ45), and DC 12V power input.

- **Video Input (1-8):** BNC connectors for connecting security cameras.

- **Audio Input:** RCA connector for audio input from cameras with microphones.
- **HD-port (HDMI):** Connect to an HDMI-compatible monitor or TV for video output.
- **Audio Output:** RCA connector for audio output to speakers.
- **VGA:** Connect to a VGA-compatible monitor or PC for video output.
- **USB:** Connect the included USB mouse or a USB flash drive for backup.
- **NET (Network Port):** RJ45 port for connecting to your router for network access and remote viewing.
- **DC 12V:** Power input for the DVR unit.

4.2 Simple Connection Steps

Follow these steps to set up your DVR system:

1. **Connect Cameras:** Connect your security cameras to the 'VIDEO IN' BNC ports on the DVR. (Note: Cameras are not included).
2. **Connect Monitor:** Connect your monitor or TV to the DVR using either the HDMI or VGA port.
3. **Connect Network (Optional but Recommended):** Plug an Ethernet cable from your router to the 'NET' port on the DVR for remote access features.
4. **Connect USB Mouse:** Plug the included USB mouse into one of the USB ports.
5. **Connect Power:** Connect the DVR power supply to the 'DC 12V' port and then plug it into a power outlet.

Image: A step-by-step visual guide showing how to connect the DVR: cameras to video inputs, DVR to a monitor, DVR to a router, and power supply connection. It also illustrates downloading the mobile app and viewing live footage.

5. Operating Instructions

5.1 Remote Access via Mobile App

The DVR supports remote viewing via the "XMEye" or "icsee" mobile applications. Follow these steps to set up remote access:

1. **Download the App:** Search for "XMEye" or "icsee" in your smartphone's app store (e.g., Apple App Store, Google Play Store) and install it.
2. **Connect to the App:**
    - On the DVR, right-click with the mouse and select "Main Menu".
    - Navigate to "System" > "Network".
    - In the app, select "Add Device" and choose the "Scan" option.
    - Scan the QR code displayed on the DVR's monitor screen (found in Main Menu > Info > Version).

3. **Enjoy Live View:** Once connected, you can view live camera feeds, access recorded footage, and manage settings remotely from your device.

5.2 Smart Motion Detection

The DVR features smart motion detection capabilities to alert you to unusual activity:

- The system uses advanced algorithms to detect motion events.
- Upon detection, the system can push real-time app notifications and send email alerts with snapshots.
- You can access the system remotely to review motion-triggered events and take appropriate action.

Image: A security camera feed displayed on a monitor, showing a person detected within a highlighted area, demonstrating the human detection feature of the DVR system.

5.3 Advanced H.265+ Video Compression

Benefit from efficient video compression for optimized performance:

- H.265+ compression significantly reduces storage space requirements compared to older standards like H.264.
- It also allows for smoother viewing and faster downloads due to reduced bandwidth consumption.

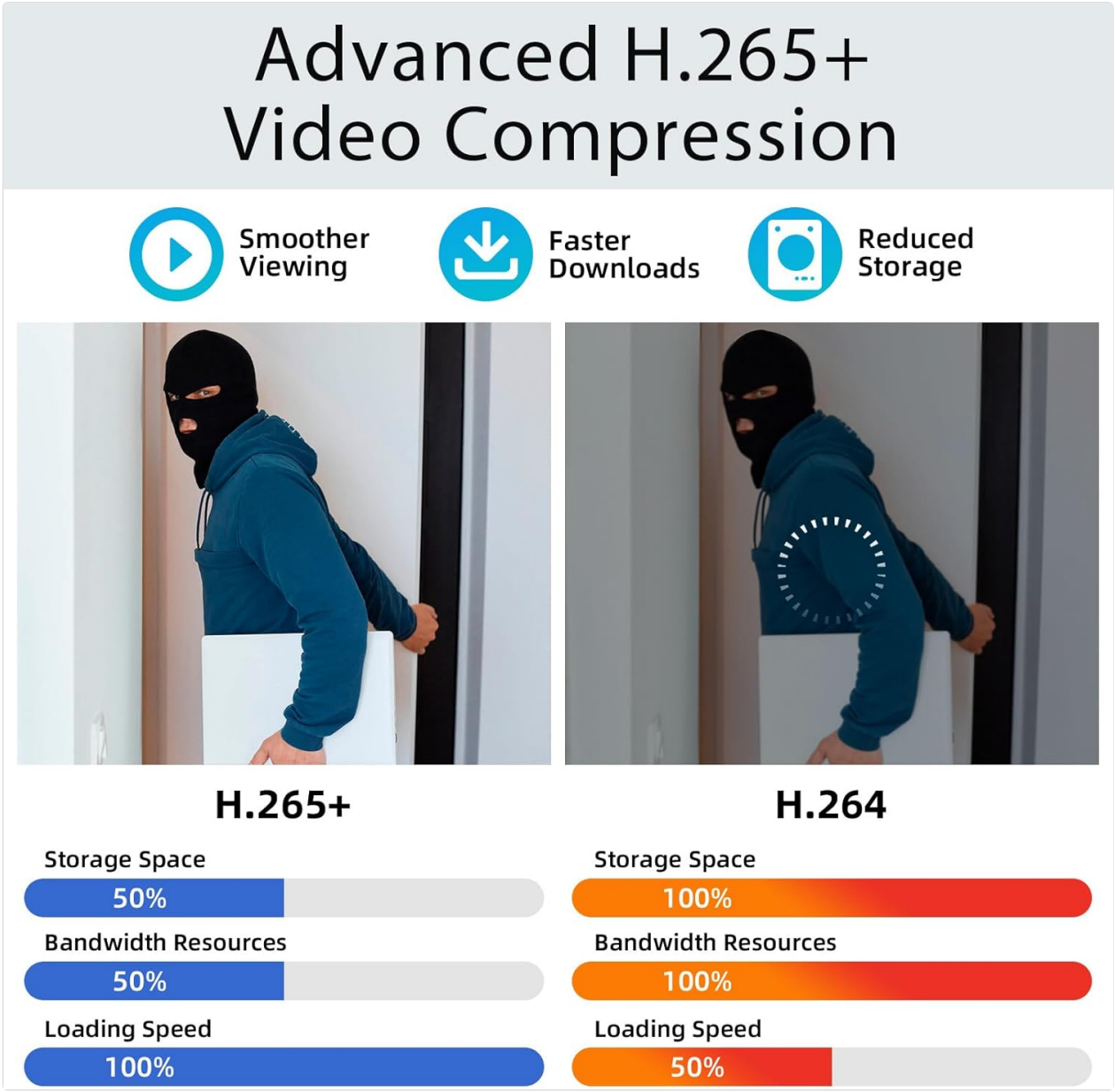

Image: A comparison chart illustrating the benefits of H.265+ video compression over H.264, showing 50% less storage space, 50% less bandwidth resources, and 100% loading speed for H.265+.

6. Maintenance

6.1 Hard Drive Installation and Management

The DVR does not come with a hard drive. To enable recording, you must install a compatible SATA hard drive.

- Use a SATA 2.5-3.5" security hard drive with a capacity between 500GB and 14TB.
- For hard drives larger than 2TB, ensure you use a larger power supply to meet the power requirements.
- Refer to the detailed hard drive installation guide in the full user manual (PDF) for specific steps.

Image: The DVR unit with an overlay indicating support for up to 14TB external HDD, emphasizing that the hard drive is not included and needs to be added separately.

7. Troubleshooting and Compatibility

7.1 Camera Compatibility Notes

When connecting cameras, it is crucial to ensure compatibility with your DVR based on the following parameters:

- **Default 5M-N:** The DVR supports 8* 5MN@12fps (6-in-1 XVI, CVBS, AHD, TVI, CVI, IPC). This means it supports cameras with frame rates not exceeding 12fps and resolutions not exceeding 5MN.
- **4MN Support:** The DVR supports 8* 4MN@15fps (6-in-1 XVI, CVBS, AHD, TVI, CVI, IPC). This means it supports cameras with frame rates not exceeding 15fps and resolutions not exceeding 4MN.
- **1080P Support:** The DVR supports 8* 1080P@15fps (XVI). This means it supports cameras with frame rates not exceeding 15fps and resolutions not exceeding 1080P.

Always verify your camera's specifications against these parameters to ensure proper functionality.

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to your purchase documentation or contact TOWODE customer support directly. Contact details can typically be found on the manufacturer's official website or on the product packaging.

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Related Documents - A1008NE5M

	TOWODE Water Detector User Manual: Operation and Battery Replacement Guide Comprehensive user manual for the TOWODE Water Detector, detailing product features, specifications, battery replacement steps, and warranty information. Learn how to effectively use and maintain your leak detection device.
	TOWODE Fingerprint Padlock: Setup, Usage, and Warranty Guide Comprehensive guide for the TOWODE fingerprint padlock, covering fingerprint setup, deletion, charging, low power alerts, warranty information, and customer support.