

## Titanium ED8432H5-D

# Titanium ED8432H5-D 32-Channel 5MP DVR Instruction Manual

High Definition Digital Video Recorder

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Titanium ED8432H5-D 32-Channel 5MP Digital Video Recorder (DVR). Please read this manual thoroughly before using the product to ensure proper setup and functionality. Keep this manual for future reference.

## 2. PRODUCT OVERVIEW

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### 2.1 Key Features

- **32-Channel Hybrid Input:** Accepts 32 analog (TVI/AHD/CVI) signals and supports additional IP video integration.
- **Four SATA Bays:** Offers 4 × SATA slots (each up to 10 TB), allowing high-capacity on-board recording.
- **H.265 High Profile Compression:** Reduces storage and bandwidth demands while maintaining video quality.
- **Pentaplex Operation:** Simultaneously supports preview, recording, playback, backup, and remote access without performance degradation.
- **PTZ & Mobile Monitoring:** Supports up to 255 PTZ presets and 8 auto-cruise routes; mobile apps (iOS/Android) allow remote monitoring and QR-code device linking.

### 2.2 Package Contents

Verify that all items are present and in good condition upon unpacking.

- Titanium ED8432H5-D DVR Unit
- Power Adapter
- USB Mouse
- SATA Cables (for HDD installation)
- Mounting Screws (for HDD installation)

- Quick Start Guide

## 2.3 Front Panel



**Figure 1:** Front view of the Titanium ED8432H5-D DVR. The front panel features LED indicators for power (PWR), network (NET), and hard drive activity (HDD), along with a USB port for mouse or backup devices.

## 2.4 Rear Panel



**Figure 2:** Rear view of the Titanium ED8432H5-D DVR. This panel includes 32 BNC video input ports, RCA audio inputs/output, VGA and HDMI video outputs, Ethernet port, USB ports, RS485 terminal, and the power input with an on/off switch.

## 3. SETUP

### 3.1 Hardware Installation

#### 1. Hard Drive Installation:

The DVR does not include a pre-installed hard drive. To install, open the DVR casing by removing the screws on the rear and sides. Connect the SATA data and power cables to the hard drive(s) and the corresponding ports on the DVR motherboard. Secure the hard drive(s) using the provided screws. Close the casing.

#### 2. Connect Cameras:

Connect your TVI/AHD/CVI cameras to the BNC video input ports on the rear panel. Ensure secure connections.

#### 3. Connect Monitor:

Connect a monitor to the DVR using either the HDMI or VGA port.

#### 4. Connect Mouse:

Plug the USB mouse into one of the USB ports on the front or rear panel.

#### 5. Connect Network (Optional):

For remote access and network features, connect an Ethernet cable from the DVR's LAN port to your router or network switch.

#### 6. Power On:

Connect the power adapter to the DVR and a power outlet. Flip the power switch on the rear panel to the 'ON' position. The DVR will boot up.

### 3.2 Initial Configuration

Upon the first boot, the DVR will guide you through an initial setup wizard. This typically includes:

- **Password Creation:** Set a strong password for the administrator account. This is crucial for security.
- **Date and Time Settings:** Configure the correct date, time, and time zone.
- **Network Settings:** Configure IP address settings (DHCP recommended for most home networks).
- **Hard Drive Formatting:** The system will prompt you to format the newly installed hard drive(s). This step is necessary for recording.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Live View

After logging in, the DVR will display the live view of all connected cameras. You can switch between different display layouts (e.g., 1-channel, 4-channel, 9-channel, 16-channel, 32-channel) by right-clicking on the screen and selecting the desired layout or using the toolbar icons.

### 4.2 Recording

- **Manual Recording:** Click the record icon on the live view interface to start/stop recording for a specific channel.
- **Scheduled Recording:** Access the "Record" menu in the main settings to set up continuous, motion-detection, or alarm-triggered recording schedules for each camera.
- **Motion Detection:** Configure motion detection zones and sensitivity for each camera to trigger recording only when activity is detected.

### 4.3 Playback

To review recorded footage:

1. From the main menu, select "Playback".
2. Choose the desired date and camera channel(s).
3. The timeline will display recorded segments. Drag the playback marker or use the control buttons (play, pause, fast forward, rewind) to navigate through the footage.

### 4.4 Remote Access and Mobile Monitoring

The Titanium ED8432H5-D supports remote viewing via dedicated mobile applications (available for iOS and Android devices) and web browsers. Download the official app from your device's app store. Use the QR code linking feature (usually found in the DVR's network settings) to quickly add your device to the mobile app.

### 4.5 PTZ Control

If you have PTZ (Pan-Tilt-Zoom) cameras connected, you can control them directly from the DVR interface. In live view, select the PTZ camera and use the on-screen PTZ controls to adjust its direction and zoom. The DVR supports up to 255 PTZ presets and 8 auto-cruise routes for automated surveillance.

## 5. MAINTENANCE

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### 5.1 Hard Drive Management

Regularly check the status of your hard drives in the DVR's storage settings. Ensure they are functioning correctly. The DVR is configured to overwrite the oldest footage when the hard drive is full, ensuring continuous recording. You can adjust this setting if needed.

### 5.2 Firmware Updates

Periodically check the manufacturer's website for firmware updates. Firmware updates can improve performance, add new features, and address security vulnerabilities. Follow the provided instructions carefully when performing a firmware update to avoid damaging the device.

### 5.3 Cleaning

Keep the DVR unit clean and free from dust. Use a soft, dry cloth to wipe the exterior. Ensure ventilation openings are not blocked to prevent overheating. Do not use liquid cleaners directly on the unit.

## 6. TROUBLESHOOTING

| Problem                      | Possible Cause                                                                   | Solution                                                                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No video display on monitor. | Loose video cable, incorrect input selected on monitor, DVR not powered on.      | Check HDMI/VGA cable connections. Ensure monitor is set to the correct input source. Verify DVR power.                                                            |
| No camera image.             | Camera not powered, loose BNC connection, incompatible camera type.              | Check camera power supply. Secure BNC cable. Ensure camera is TVI/AHD/CVI compatible and configured correctly in DVR settings.                                    |
| Cannot access DVR remotely.  | Network cable disconnected, incorrect network settings, firewall blocking.       | Verify Ethernet cable connection. Check DVR network settings (IP address, gateway, DNS). Ensure router port forwarding is configured if not using P2P.            |
| Forgot password.             | Password lost or forgotten.                                                      | Refer to the manufacturer's support for password reset procedures. This often involves a specific reset tool or contacting technical support with device details. |
| No recording.                | Hard drive not installed/formatted, recording schedule not set, hard drive full. | Install and format hard drive(s). Configure recording schedules. Check hard drive status and capacity.                                                            |

## 7. SPECIFICATIONS

|                    |                                      |
|--------------------|--------------------------------------|
| Model Number       | ED8432H5-D                           |
| Channels           | 32 (TVI/AHD/CVI) + IP Camera Support |
| Video Compression  | H.265                                |
| Video Input        | 32 BNC (TVI/AHD/CVI)                 |
| Audio Input/Output | 16 RCA In / 1 RCA Out                |
| Video Output       | HDMI, VGA                            |
| USB Ports          | 2                                    |
| Network Interface  | Ethernet (RJ45)                      |

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| Storage                | 4 SATA bays, up to 10 TB each (Hard drives not included) |
| Operating System       | Embedded Linux                                           |
| Dimensions (L x W x H) | 17.32" x 15.35" x 2.76"                                  |
| Compliance             | NDAA Compliant                                           |

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Titanium website. Keep your purchase receipt as proof of purchase for warranty claims.

**Manufacturer:** Titanium

**Model:** ED8432H5-D