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EVERSECU 16CH 5-in-1 Hybrid DVR (B07JCWDHQD)

EVERSECU 16-Channel 5-in-1 Hybrid DVR User Manual

Model: 16CH 5-in-1 Hybrid DVR (B07JCWDHQD)

Brand: EVERSECU

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EVERSECU 16-Channel 5-in-1 Hybrid Digital Video Recorder (DVR). This DVR is designed to provide a robust and flexible surveillance solution, supporting various camera types including CVBS, CVI, TVI, AHD, and ONVIF-compatible IP cameras. Please read this manual carefully before using the product to ensure proper setup and optimal performance.

2. PRODUCT FEATURES

- **5-in-1 Compatibility:** Supports CVBS, CVI, TVI, AHD, and IP cameras, offering versatile integration with existing or new surveillance systems.
- **16-Channel Recording:** Full 1080N video recording across all 16 channels for comprehensive coverage.
- **Multiple Video Outputs:** Equipped with HDMI and VGA ports for flexible display options.
- **Remote Access:** Supports remote viewing and playback via iOS/Android mobile devices using the "XMEYE" app, and PC client software.
- **Motion Detection:** Configurable motion detection with instant email alerts and app pushes for enhanced security monitoring.
- **USB Backup:** Easy backup and transfer of video footage to a USB flash drive.
- **ONVIF Support:** Compatible with ONVIF-compliant third-party IP cameras.

Powerful 5-in-1 DVR



Note: Except the DVR, other devices are not included in the package.

Figure 2.1: DVR 5-in-1 Camera Compatibility. This diagram illustrates the various types of cameras (TVI, Analog, CVI, AHD, IP) that are compatible with the EVERSECU 5-in-1 Hybrid DVR, highlighting its versatility.

3. HARDWARE SETUP

3.1 Connecting the DVR

Before powering on the DVR, ensure all necessary connections are made. Refer to the rear panel diagram for port identification.

1. **Video Input:** Connect your surveillance cameras to the BNC video input ports (1-16) on the rear panel using BNC video power cables.
2. **Video Output:** Connect a monitor to the DVR using either the HDMI or VGA port.
3. **Audio Input/Output:** Connect audio devices to the Audio In (RCA) and Audio Out (RCA) ports if audio recording/playback is desired.
4. **Network Connection:** Connect the LAN port of the DVR to your router using an Ethernet cable for network access and remote viewing.
5. **USB Ports:** Connect the included USB mouse to one of the USB ports. Additional USB devices (e.g., flash drives for backup) can be connected to the other USB port.
6. **Power:** Connect the DC 12V power adapter to the DVR's power input port and then to a power outlet.



Figure 3.1: DVR Rear Panel Connections. This image displays the rear panel of the DVR, detailing the layout of the 16 BNC video input ports, HDMI, VGA, LAN, USB, audio, and DC 12V power input ports.

3.2 Hard Drive Installation (HDD Not Included)

This DVR does not include a hard drive. To enable video recording, you must install a 3.5-inch SATA hard drive. Follow these steps:

1. **Prepare the DVR:** Ensure the DVR is powered off and disconnected from the power source.
2. **Remove Cover Screws:** Locate and twist down the screws on the DVR casing to remove the top cover.
3. **Access Hard Disk Bay:** Carefully remove the top cover to expose the internal components and the hard disk mounting bay.
4. **Connect Cables:** Connect the SATA data cable and power cable from the DVR to the corresponding ports on your 3.5-inch SATA hard drive.
5. **Secure Hard Drive:** Place the hard drive into the mounting bay and secure it using the provided screws.
6. **Replace Cover:** Carefully replace the top cover and secure it with the screws.

HDD Installation Steps (HDD Included)

01 Twist down the screws of the DVR



02 Access the hard disk



03 Install the screws

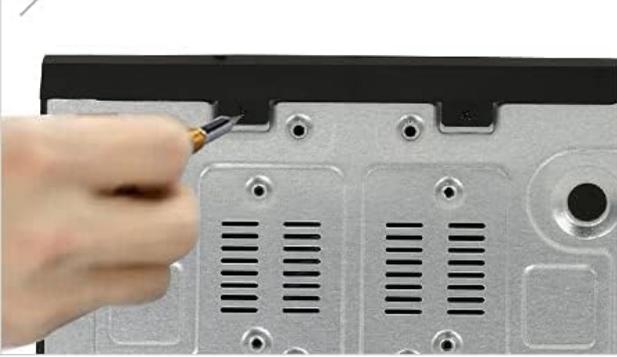


Figure 3.2: Hard Drive Installation Steps. This visual guide demonstrates the process of installing a 3.5-inch SATA hard drive into the DVR, including opening the casing, connecting cables, and securing the drive.

4. SOFTWARE SETUP AND OPERATION

4.1 Initial Configuration

Upon first power-up, the DVR will guide you through an initial setup wizard. Follow the on-screen prompts to set up basic parameters such as language, date/time, network settings, and password. It is highly recommended to set a strong password for security.

4.2 Remote Access (Mobile & PC)

The DVR supports remote viewing and playback from your smart devices and PC, provided the DVR is connected to the internet via your router.

- **Mobile App:** Download the "XMEYE" app from your device's app store (iOS/Android). Scan the QR code displayed on the DVR's monitor (or found in the DVR's network settings) to add your device. This allows for live video viewing and playback on your smartphone or tablet.

- **PC Client:** Install the PC client software (usually provided on a mini-CD with the DVR or available for download from the manufacturer's website). Use the device ID or IP address to add the DVR to the client software for remote monitoring and management.

Remote Watch and Playback Anywhere, Anytime



Figure 4.1: Remote Watch and Playback. This image illustrates how the DVR allows users to remotely view and play back surveillance footage from various devices, including a monitor, smartphone, and tablet, via IE View, PC Client, and Phone Control.

4.3 Motion Detection and Alerts

Configure motion detection settings to receive alerts when activity is detected:

1. **Enable Motion Detection:** Navigate to the DVR's menu, typically under 'Alarm' or 'Event' settings, and enable motion detection for desired channels.
2. **Configure Detection Area:** Define specific areas within the camera's view where motion should be detected.
3. **Set Sensitivity:** Adjust the sensitivity level to minimize false alarms.
4. **Email Alerts:** Enter your email address in the DVR's network settings to receive alert emails immediately upon motion detection.
5. **App Pushes:** Ensure the XMEYE app is configured to receive push notifications for motion events.

Instant Email Alerts & App Pushes

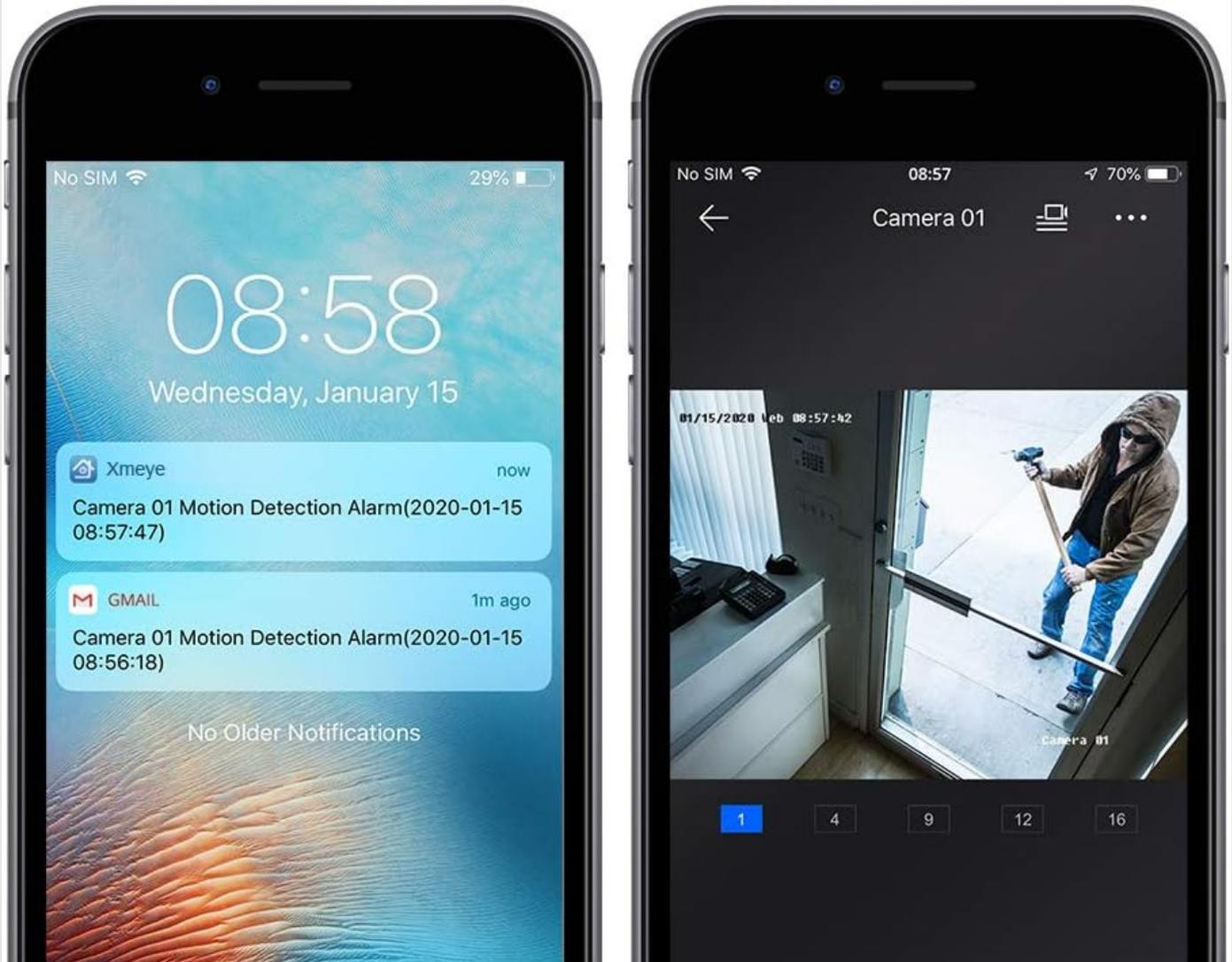


Figure 4.2: Instant Email Alerts & App Pushes. This image shows two smartphone screens, demonstrating how the DVR sends immediate email alerts and app push notifications to users when motion is detected by the surveillance system.

4.4 Video Backup

To back up recorded video footage:

1. **Insert USB Drive:** Insert a USB flash drive into one of the DVR's USB ports.
2. **Access Backup Menu:** Navigate to the 'Backup' or 'Export' option in the DVR's main menu.
3. **Select Footage:** Choose the date, time, and channels of the video footage you wish to back up.
4. **Start Backup:** Follow the on-screen prompts to initiate the backup process to your USB drive.

5. MAINTENANCE

- **Regular Cleaning:** Keep the DVR unit clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.

- **Ventilation:** Ensure the DVR is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Firmware Updates:** Periodically check the EVERSECU official website for firmware updates to ensure optimal performance and security.
- **Hard Drive Health:** Monitor the health of your installed hard drive through the DVR's system information. Replace the hard drive if errors or warnings are indicated.
- **Password Management:** Regularly change your DVR's password and keep it secure. Utilize available password recovery options if supported.

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 input matches (HDMI/VGA). Verify DVR power indicator is on. Try a different monitor or cable.
Cameras not displaying video.	Camera power issue, faulty cable, incompatible camera type, incorrect channel settings.	Check camera power supply. Inspect BNC cables for damage. Ensure camera type is compatible with DVR (CVBS/CVI/TVI/AHD/IP). Verify camera settings in DVR menu.
Remote viewing not working.	DVR not connected to internet, incorrect network settings, app issues, firewall blocking.	Ensure DVR's LAN cable is connected to router and router has internet access. Check DVR's network settings (IP address, DNS). Restart DVR and router. Verify correct device ID/QR code in XMEYE app. Check router's firewall settings.
No recording or HDD not detected.	Hard drive not installed, loose SATA cables, faulty HDD, HDD not formatted.	Ensure a 3.5-inch SATA HDD is installed correctly. Check SATA data and power cable connections inside the DVR. Format the HDD via the DVR's menu (System > HDD Setup). Replace HDD if it's faulty.
Forgot DVR password.	Password forgotten.	Refer to the DVR's on-screen password recovery options (e.g., security questions, email reset). If these are not available, contact EVERSECU technical support for assistance.

7. TECHNICAL SPECIFICATIONS

- **Model:** 16CH 5-in-1 Hybrid DVR
- **Video Input:** 16 BNC Channels (CVBS/CVI/TVI/AHD/IP compatible)
- **Video Output:** 1 x HDMI, 1 x VGA
- **Audio Input/Output:** 1 x RCA Audio In, 1 x RCA Audio Out
- **Recording Resolution:** 1080N (1080P Lite)
- **Hard Drive Support:** 1 x 3.5-inch SATA HDD (up to 4TB, not included)
- **Network Interface:** 1 x RJ45 10/100Mbps Ethernet port
- **USB Interface:** 2 x USB 2.0 ports
- **Power Supply:** DC 12V
- **Dimensions (L x W x H):** 10.23 x 8.74 x 1.77 inches (260 x 222 x 45 mm)
- **Item Weight:** 2.7 pounds

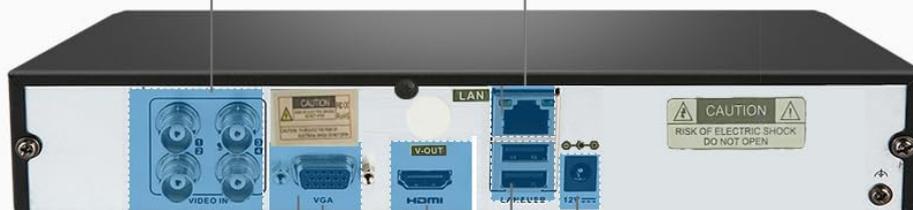
- **Included Batteries:** 1 CR2 battery (for remote control, if applicable)

Specifications

Video Input



Network Port



HDMI/VGA
Port



Mouse
USB Interface



Power
Port



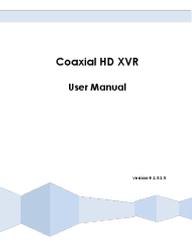
Figure 7.1: DVR Specifications Diagram. This diagram provides a detailed overview of the DVR's dimensions and labels its various ports, including video input, network port, HDMI/VGA port, mouse USB interface, and power port.

8. WARRANTY AND SUPPORT

EVERSECU products are designed for reliability and performance. For warranty information, technical assistance, or further inquiries, please refer to the official EVERSECU website or contact their customer support. Keep your purchase receipt as proof of purchase for warranty claims.

You can visit the [EVERSECU Store on Amazon](#) for more information and product offerings.

Related Documents - 16CH 5-in-1 Hybrid DVR (B07JCWDHQD)

	<p>Logicom Security 4/8/16CH DVR User Manual</p> <p>Comprehensive user manual for Logicom Security 4/8/16 Channel Digital Video Recorders (DVRs) supporting AHD and 960H 720P resolutions. This guide covers installation, setup, features, network configuration, and troubleshooting.</p>
	<p>Hi-Focus HD-XVR-4104THC DVR Specifications and Features</p> <p>Detailed specifications and features for the Hi-Focus HD-XVR-4104THC Digital Video Recorder (DVR), including video input, compression, recording, playback, network, and storage capabilities.</p>
	<p>Herospeed Coaxial HD XVR User Manual - Installation and Operation Guide</p> <p>This user manual provides detailed instructions for the Herospeed Coaxial HD XVR, a 5-in-1 hybrid video recorder supporting HDTVI, AHD, CVI, CVBS, and IP cameras. Learn about installation, configuration, features, and operation for comprehensive surveillance.</p>
	<p>DOSEC 1080P 4-in-1 Hybrid CCTV Camera User Manual</p> <p>User manual for the DOSEC 1080P AHD/CVI/TVI/CVBS 4-in-1 Hybrid Camera, detailing OSD control, connection diagram, and usage notes. Explains how to adjust the camera's working mode for optimal performance with different DVR types.</p>
	<p>Dahua XVR5104HS-I2 User Manual: 4-Channel DVR Specifications & Guide</p> <p>Comprehensive user manual for the Dahua XVR5104HS-I2 4-channel digital video recorder. Covers technical specifications, features, safety guidelines, and setup information for AHD, HD-CVI, HD-TVI, CVBS, and IP surveillance systems.</p>
	<p>GeoVision GV-VS2400 4CH H.264 TVI 1080p Video Server Datasheet</p> <p>Detailed specifications and features of the GeoVision GV-VS2400, a 4-channel H.264 TVI 1080p video server for IP surveillance solutions, including connectivity, storage, and software integration.</p>

