

## Fuers 16-Channel Hybrid 6-in-1 DVR

# Fuers 16-Channel Hybrid 6-in-1 DVR User Manual

Model: 16-Channel Hybrid 6-in-1 DVR

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fuers 16-Channel Hybrid 6-in-1 Digital Video Recorder (DVR). This DVR supports up to 5MP cameras and offers versatile compatibility with AHD, TVI, CVI, CVBS, IP, and XVI camera types. It features H.265+ video compression for efficient storage, human detection for intelligent alerts, and 24/7 non-stop recording with a pre-installed 1TB hard drive.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- 16-Channel DVR Recorder with 1TB Hard Drive
- Power Adapter
- USB Mouse
- User Manual

*Note: Cameras, HDMI cables, and network cables are not included and must be purchased separately.*

## SETUP GUIDE

Follow these steps to set up your Fuers 16-Channel Hybrid 6-in-1 DVR.

### 1. Physical Connections

1. **Connect Display:** Plug your monitor's HDMI or VGA cable into the corresponding port on the back of the DVR.
2. **Connect USB Mouse:** Insert 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 (V1-V16) on the DVR using video input cables. Ensure secure connections.

4. **Connect Network (Optional for Remote Access):** If you plan to use remote monitoring via the mobile app or PC software, connect an Ethernet cable from your router to the LAN port on the DVR.
5. **Connect Power:** Plug the DVR power adapter into the DVR's power input and then into a power outlet. The DVR will power on automatically.

Your browser does not support the video tag.

**Video:** This video demonstrates the physical connection process for the Fuers 16-Channel DVR, including connecting the monitor, USB mouse, video input cables for cameras, and power supply. It also shows the initial boot-up sequence and menu navigation.



### **Please Note:**

If the hard disk cannot be identified, please check whether the hard disk port is disconnected. If yes, reinsert the hard disk port.

if the system detects no storage space, the customer needs to format the hard disk in the DVR first, and it needs to be formatted twice.

**Image:** Rear view of the Fuers 16-Channel DVR, highlighting the video input ports (V1-V16), audio input/output, HDMI, VGA, LAN, USB, and power input connections.

## **2. Initial Configuration**

Upon first boot, the system will guide you through initial setup steps. Use the connected USB mouse to navigate the on-screen menus.

- **Language Selection:** Choose your preferred language.
- **Date and Time:** Set the correct date and time.

- **Network Settings:** If connected to a network, ensure DHCP is enabled or configure static IP settings as needed.
- **Hard Drive Initialization:** The pre-installed 1TB hard drive may need to be formatted before use. Follow the on-screen prompts.

## OPERATING INSTRUCTIONS

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### Main Menu Navigation

Right-click on the live view screen to access the main menu. Key menu options include:

- **Record:** Configure recording schedules, view recorded footage (Playback), and backup data.
- **Alarm:** Set up motion detection, human detection, vehicle detection, and other alarm triggers. Configure notifications such as instant app pushes and email alerts.
- **System:** Access general system settings, user management, network configuration, and system information.
- **Advanced:** For advanced settings like storage management, user accounts, firmware upgrades, and import/export configurations.
- **Info:** View HDD information, system logs, and software version.

## 24h/7 Recording & Advanced Smart Playback



**Image:** A monitor connected to the DVR showing a 16-channel live view grid, indicating active camera feeds.

### Remote Access and Mobile App

The Fuers DVR supports remote viewing via mobile applications (XMEye, Icsee) and PC software (VMS). This allows you to monitor your security feeds from anywhere with an internet connection.

1. **Connect to Network:** Ensure your DVR is connected to your router via an Ethernet cable.
2. **Download App:** Download the 'XMEye' or 'Icsee' app from the App Store (iOS) or Google Play Store (Android). For PC, download the VMS software.
3. **Add Device:** Open the app, register an account, and add your DVR device. This typically involves scanning a QR code displayed on the DVR's monitor or manually entering the device ID.
4. **Live View:** Once added, you can access live camera feeds, playback recordings, and manage settings remotely.

# Advanced H.265+ Video Compression

## H.265+

Smooth viewing

50%

Faster Downloads

50%

Faster Downloads

100%

## H.264

Smooth viewing

100%

Faster Downloads

100%

Faster Downloads

50%



**Image:** A smartphone screen showing the XMEye application interface, demonstrating remote access to the DVR's camera feeds.

For direct download of the XMEye app, visit: <http://d.xmeye.net/Xmeye>

## KEY FEATURES

- **High Picture Quality:** Supports up to 5MP resolution for clear and detailed image capture.
- **16-Channel Hybrid Capacity:** Connects up to 16 surveillance cameras with 6-in-1 compatibility (AHD/TVI/CVI/CVBS/IP/XVI).
- **H.265+ Video Compression:** Advanced compression technology for longer recording times and up to 50% storage savings compared to H.264, while maintaining image quality.
- **Intelligent Alarm:** Features motion detection, human detection, and vehicle detection with instant notifications and email alerts.
- **24/7 Non-Stop Recording:** Continuous recording with a pre-installed 1TB hard drive, expandable up to 16TB.
- **Remote Access:** Monitor live feeds and playback recordings via smartphone, tablet, or PC from anywhere.

# AHD/CVI/CVBS/TVI/IPC/XVI 6-IN-1 Camara



XVI camera Output



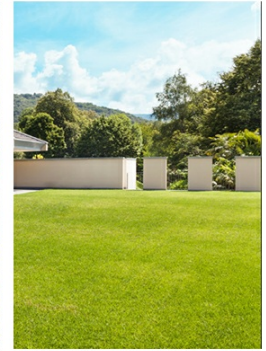
AHD camera Output



TVI camera Output



CVI camera Output

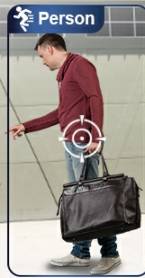


CVBS camera Output

**Image:** A visual comparison illustrating the efficiency of H.265+ video compression over H.264, showing improved smooth viewing, faster downloads, and storage savings.

## AI Human & Vehicle Detection

### Invisible Digital Fence



**Image:** A smartphone displaying push notifications and email alerts triggered by human and vehicle motion detection events, demonstrating the intelligent alarm feature.

## TROUBLESHOOTING

### Camera Compatibility

It is crucial to confirm camera compatibility before connecting. Incompatible cameras may prevent normal operation or result in no signal/display issues.

- **DVR Supported Specifications:**

- 16\*5MN@12fps: Supports cameras with frame rate not exceeding 12fps and resolution not exceeding 5MN (6-in-1).
- 16\*4MN@15fps: Supports cameras with frame rate not exceeding 15fps and resolution not exceeding 4MN (6-in-1).
- 16\*1080P@15fps(XVI): Supports cameras with frame rate not exceeding 15fps and resolution not exceeding 1080P.

- **HDMI Cable Compatibility:** Ensure your HDMI cable and monitor support HDMI 1.6 or higher. Using incompatible HDMI versions may result in no signal or display issues.

Refer to your camera's user manual or contact the camera vendor for specific camera and HDMI specifications.

**Important Note:**

Some cameras support multiple resolution modes (e.g., 5MN, 4MN, 3MN, 1080N). If this applies, confirm with the camera seller how to switch the resolution mode to match the DVR's supported specifications.

Image: A compatibility chart detailing supported camera frame rates (FPS) and resolutions (5MN, 4MN, 1080N) for the DVR, indicating which combinations are supported or not supported.

**Hard Drive Issues**

**Please Note:**

- If the hard disk cannot be identified, check if the hard disk port is disconnected. Reinsert the hard disk if necessary.
- If the system detects no storage space, the hard drive may need to be formatted. It might require formatting twice for proper recognition.

Image: The DVR unit with an internal hard drive, accompanied by a warning note regarding hard drive detection and formatting procedures.

**SPECIFICATIONS**

Feature	Detail
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Brand	Fuers
Model Number	051ae4f0-dc2c-45d2-98f7-0a4022cb0008
Channels	16 Channels
Camera Compatibility	Hybrid 6-in-1 (AHD/TVI/CVI/CVBS/IP/XVI)
Max Resolution Support	5MP
Video Compression	H.265+
Built-In Storage	1TB Hard Drive
Max Storage Capacity	Up to 16TB (External HDD)
Recording Mode	24/7 Non-Stop Recording
Detection Features	Human Detection, Motion Detection, Vehicle Detection
Remote Access	Smartphone (XMEye/Icsee App), Tablet, PC (VMS)

## WARRANTY AND SUPPORT

The Fuers 16-Channel Hybrid 6-in-1 DVR comes with a **1-Year Warranty**.

For technical support, troubleshooting assistance, or warranty claims, please contact Fuers customer service through the retailer where the product was purchased or visit the official Fuers website for contact information.