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TOWODE DVR for security camera-03

TOWODE 4 Channel DVR Security Camera System User Manual

Model: DVR for security camera-03

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TOWODE 4 Channel DVR Security Camera System. Please read this manual thoroughly before using the product to ensure proper function and safety. This DVR supports various camera types including TVI, AHD, CVI, XVI, IPC, and Analog cameras, offering a versatile surveillance solution.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x TOWODE 4 Channel DVR Recorder
- 1x 1TB Hard Disk Drive (Pre-installed in DVR)
- 1x Power Adapter for DVR
- 1x USB Mouse
- 1x User Manual

3. PRODUCT OVERVIEW

The TOWODE 4 Channel DVR is a hybrid digital video recorder designed for comprehensive security surveillance. It features advanced H.265+ video compression for efficient storage and supports up to 5MP resolution cameras. The system can operate independently without an internet connection for local recording, with internet access required only for remote viewing and alerts.

3.1 DVR Front and Rear Panels



Image: Front and rear view of the TOWODE 4 Channel DVR, highlighting the USB port, alarm, record, and power indicators on the front. The rear panel shows video input ports (BNC), audio input/output (RCA), HDMI, VGA, USB, Ethernet (NET), and DC 12V power input. A 1TB hard drive is shown separately, indicating it's included.

Powerful 6-IN-1 DVR Compatible with Analog

Cameras up to 5Mp(12.5fps)

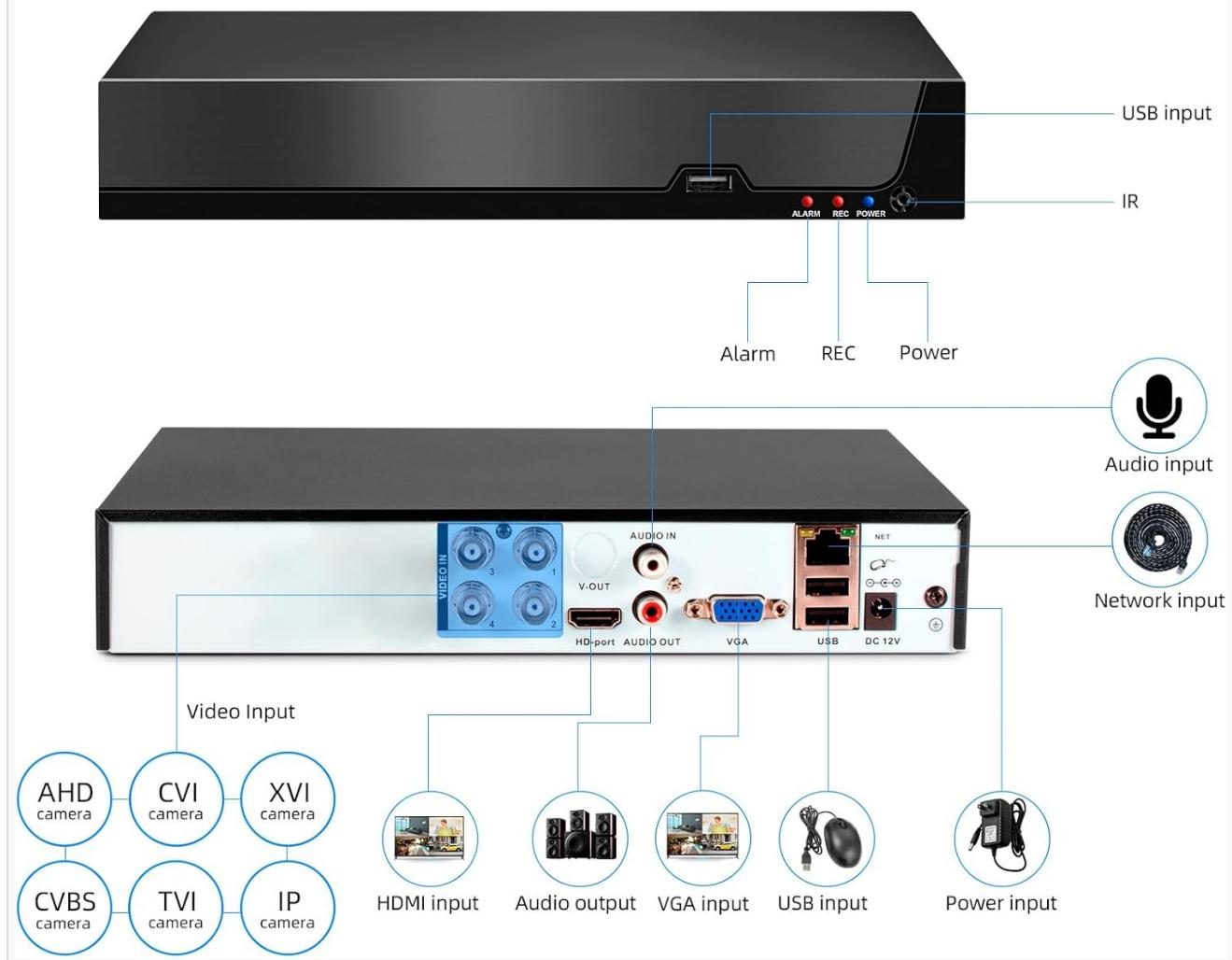


Image: Detailed diagram of the DVR's rear panel connections, labeling USB input, IR, Alarm, REC, Power indicators, Audio input, Network input, Video inputs (AHD, CVI, XVI, CVBS, TVI, IP camera compatibility), HDMI output, Audio output, VGA input, USB input, and Power input.

3.2 Key Features

- 6-in-1 Hybrid DVR:** Supports TVI, AHD, CVI, XVI, IPC, and Analog cameras.
- 5MP Full HD Technology:** Provides clear visual effects for monitoring.
- 1TB Hard Drive:** Pre-installed for immediate recording.
- H.265+ Video Compression:** Reduces storage space by up to 80% compared to H.264.
- Internet Optional Operation:** Records locally without internet; internet needed for remote access and alerts.
- Instant Alerts:** Real-time app notifications and email alerts with snapshots upon motion detection.
- Remote Access:** View live feeds and playback recordings via smartphone, tablet, or PC using the 'lcsee' app.
- VGA/HDMI Output:** Simultaneous display output for monitors and TVs.
- Expandable Storage:** Supports up to 14TB external HDD via SATA.

4. SETUP

4.1 Initial Connection

- Connect Cameras:** Connect your compatible security cameras to the DVR's BNC video input ports.
- Connect Display:** Connect a monitor or TV to the DVR using either the VGA or HDMI port.
- Connect Mouse:** Plug the included USB mouse into a USB port on the DVR.
- Connect Power:** Connect the DVR power adapter to the DVR's DC 12V input and then to a power outlet.
- Power On:** The DVR will automatically power on.

No Monthly Fee, DVR Work Even without Internet

4CH 5MP 6-in-1 DVR

Internet

Internet

5MP

5MP HD Lite

Motion Detection

H.265+

Remote View

1TBG HDD
(Pre-installed on DVR)

Image: Illustration showing the DVR connected to a monitor, cameras, and power, demonstrating the basic setup for local viewing and recording without an internet connection.

4.2 Network Connection (Optional for Remote Access)

If you require remote access, connect the DVR to your router using an Ethernet cable.



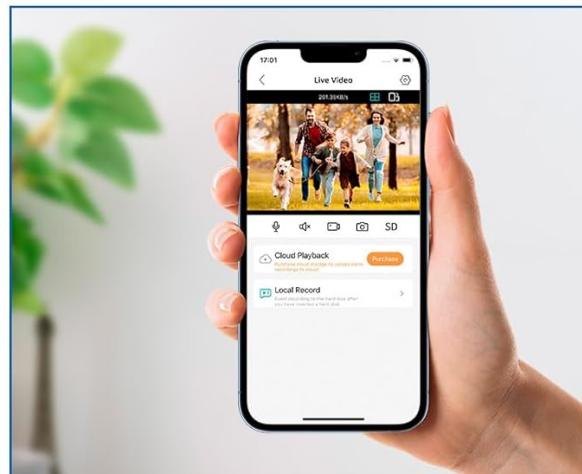
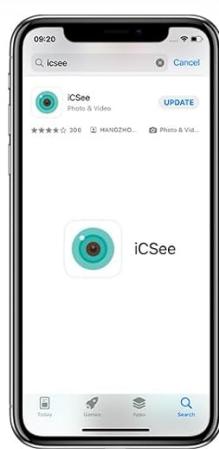
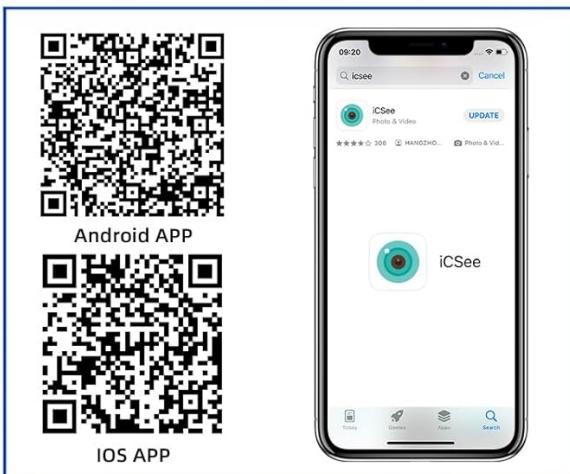
Image: Diagram illustrating the connection process for remote access, showing a camera connected to the DVR, the DVR connected to a router via Ethernet, and the router connected to a power outlet. It also shows steps for downloading the app and enjoying live view.

4.3 Mobile App Setup for Remote Access

1. **Download App:** Scan the QR code provided on the DVR's interface or in the manual, or search for 'lcsee' in your app store.
 - Android App: [Google Play Store](#)
 - iOS App: [Apple App Store](#)
2. **Install and Open:** Install the 'lcsee' app on your smartphone or tablet.
3. **Add Device:** In the app, select 'Add Device' or 'Scan'.
4. **Scan QR Code:** On the DVR's main menu, navigate to 'Info' -> 'Version' to find the DVR's QR code. Scan this code with the app to bind the device.
5. **Enjoy Live View:** Once connected, you can view live feeds and manage your DVR remotely.

Plug & Play Mobile Access in Seconds

01 Simple Connection



02 Download Free icsee App

03 Enjoy Live View

Image: Visual guide for mobile app setup, showing QR codes for Android and iOS apps, the app interface, and a smartphone displaying live camera feeds.



Image: Step-by-step visual instructions for connecting the DVR to the mobile app, showing the DVR's main menu, system settings, network settings, and the app's device adding and QR code scanning process.

5. OPERATING INSTRUCTIONS

5.1 Live View

After successful setup, the DVR will display live feeds from connected cameras on the connected monitor. Use the USB mouse to navigate the on-screen menu.

5.2 Recording

The DVR is pre-configured for continuous recording with the installed 1TB HDD. You can adjust recording settings (e.g., schedule, motion-triggered recording) via the DVR's main menu.

5.3 Playback

To review recorded footage:

1. Right-click on the live view screen to access the main menu.
2. Select 'Playback'.
3. Choose the date and time range for the footage you wish to view.
4. The timeline will display recorded events. Click on the timeline to start playback.

Local Storage & Remote Playback

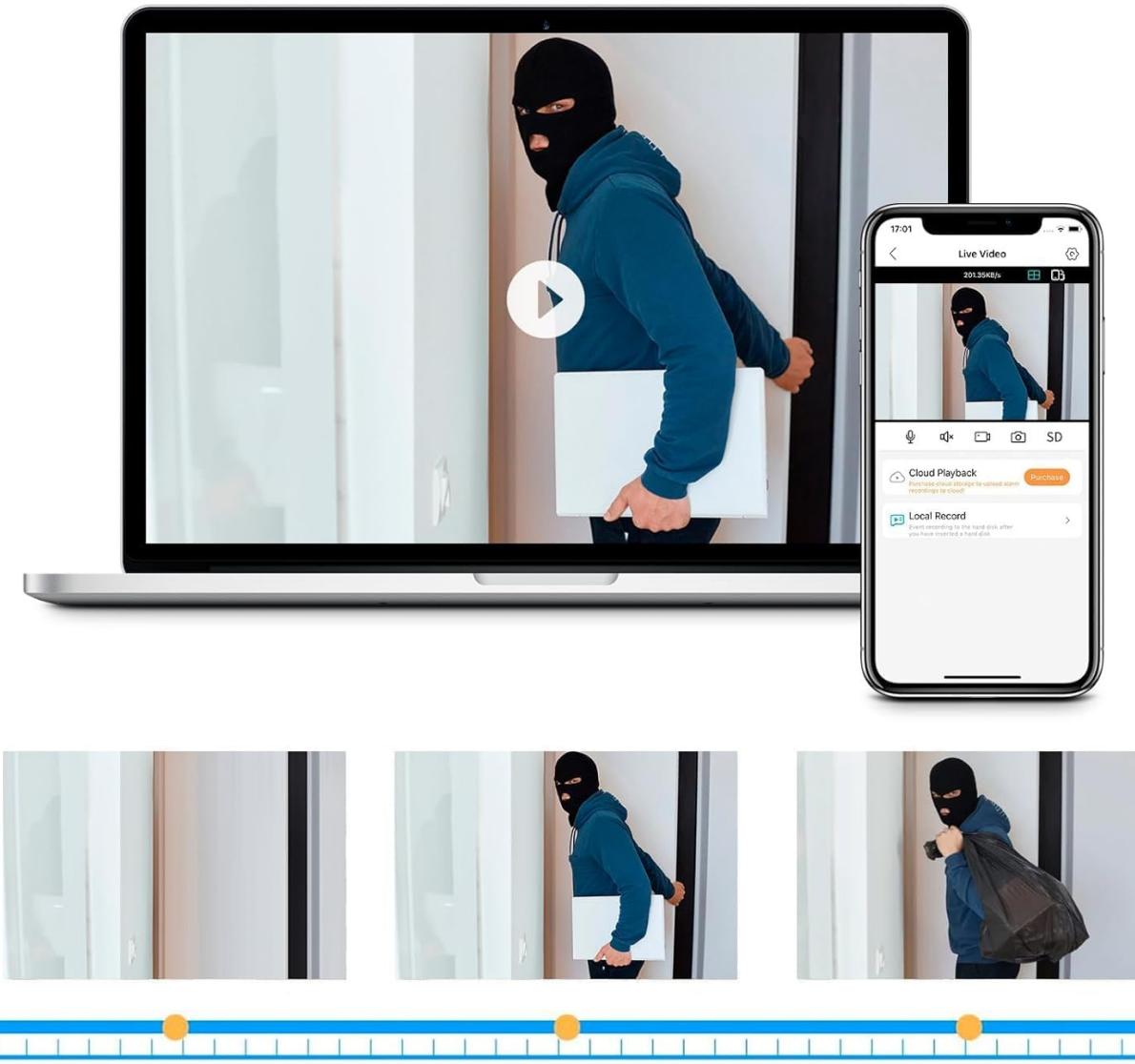


Image: Screenshot of a laptop and smartphone displaying video playback interfaces, with a timeline at the bottom showing recorded events. This illustrates both local and remote playback capabilities.

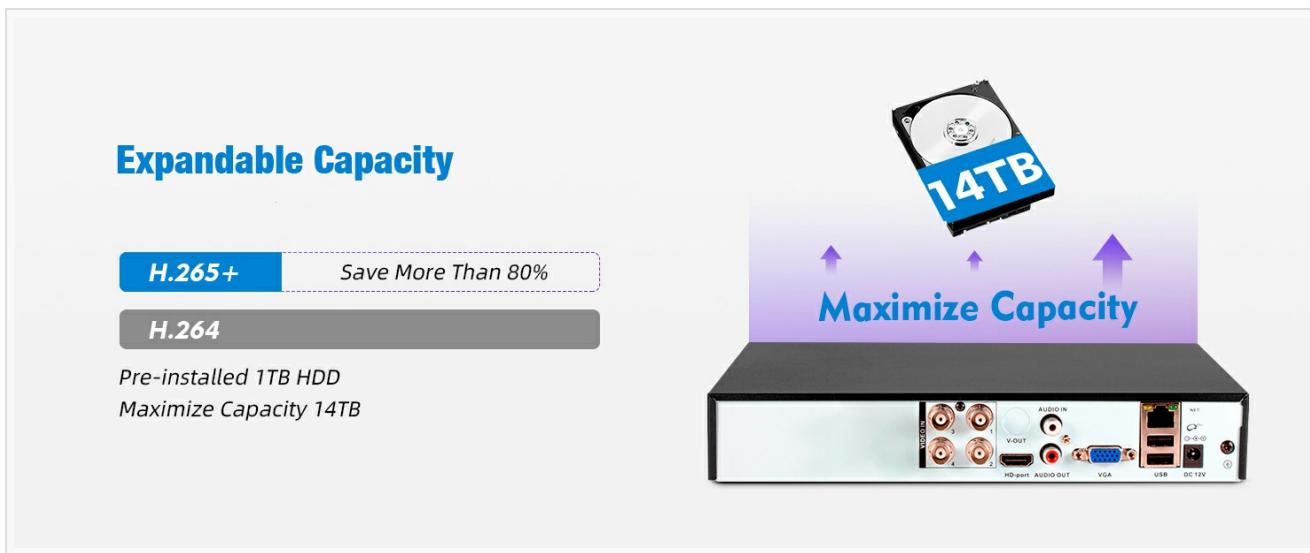


Image: A visual representation of a video timeline with markers indicating recorded events, demonstrating how to navigate and replay specific moments from surveillance footage.

5.4 Motion Detection and Alerts

The DVR features advanced algorithms for human detection. When motion is detected, the system can send instant alerts.

- **App Notifications:** Receive real-time push notifications on your mobile device.
- **Email Alerts:** Get email notifications with snapshots of the event.

Configure motion detection zones and sensitivity through the DVR's menu settings.

Detect Motion & Alert Instantly



Image: An illustration depicting a person near a door with a blue box highlighting motion detection, alongside icons for 'App Push' and 'Email' alerts, and an 'iCSee' app notification indicating human presence detected.



Image: A scene showing a person in a hallway with a grid overlay, indicating motion detection. Icons for 'App Push' and 'Email Alert' are displayed, emphasizing instant notifications upon detection.

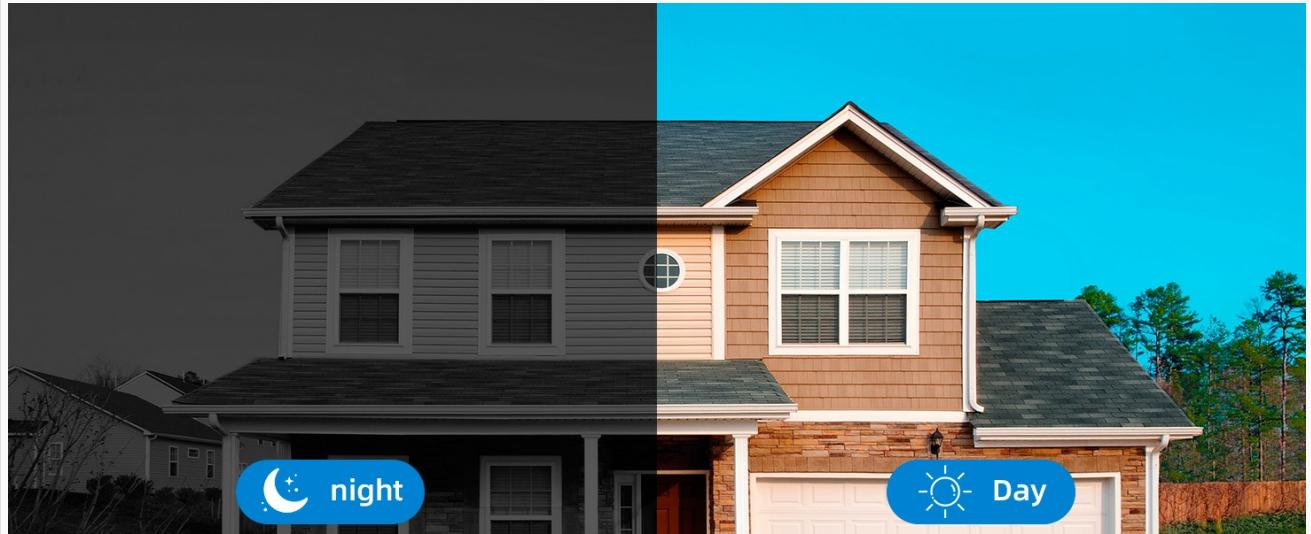


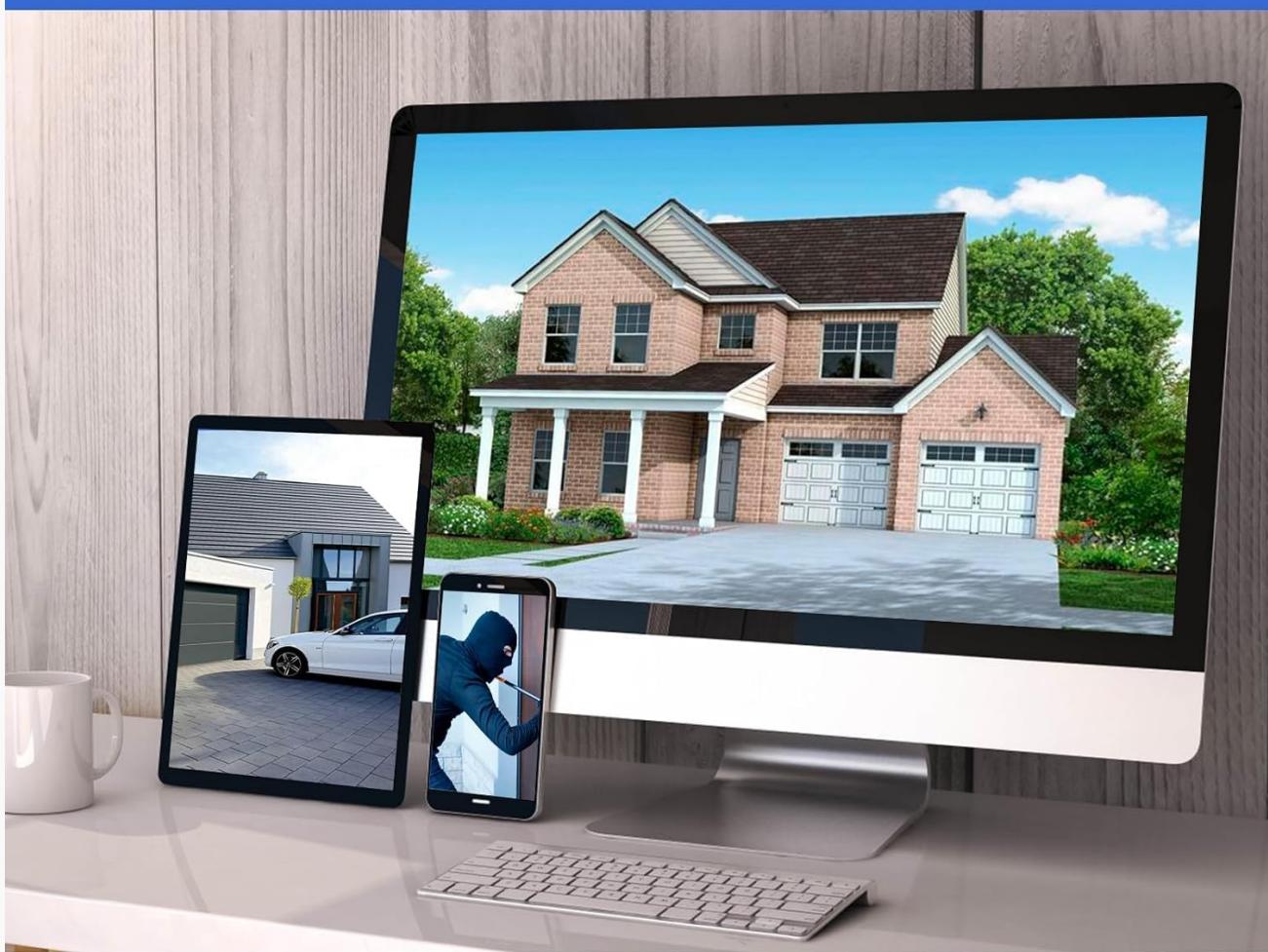
Image: An illustration demonstrating human shape and face detection capabilities, showing a camera with a red beam and green boxes around people's faces, indicating the system's ability to identify human presence.

5.5 Remote Access

With the 'lcsee' app installed and the DVR connected to the internet, you can access your security system from anywhere.

- View live camera feeds.
- Play back recorded footage.
- Receive instant alerts.

Remote access from anywhere



APP iCSee



Download
VMS

Image: A desktop monitor, tablet, and smartphone all displaying surveillance footage of a house, illustrating the remote access capability across various devices using the iCSee app or VMS software.



VS



Other 3MP (2014*1536=3MP)

Our 5MP(2592*1944=5MP)

Image: Three panels showing different ways to access security: a TV displaying multiple live camera views, a smartphone showing remote live view, and a laptop showing playback of recorded evidence, emphasizing instant and flexible access.

6. MAINTENANCE

6.1 General Care

- Keep the DVR in a well-ventilated area to prevent overheating.
- Clean the exterior of the DVR with a soft, dry cloth. Do not use liquid cleaners.
- Ensure all cable connections are secure.

6.2 Hard Drive Management

The 1TB HDD is pre-installed. The DVR supports up to 14TB external HDD for expanded storage.

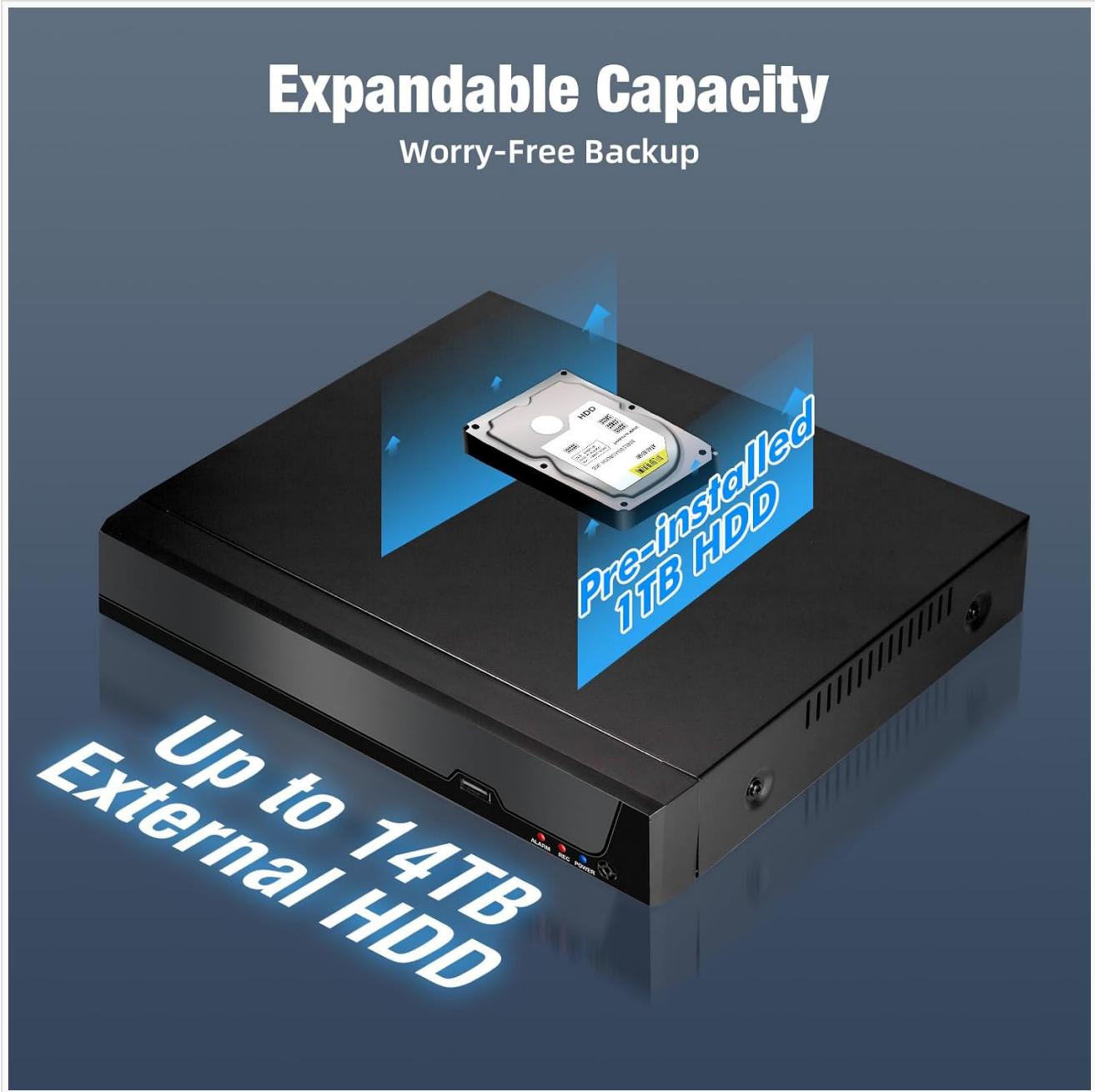


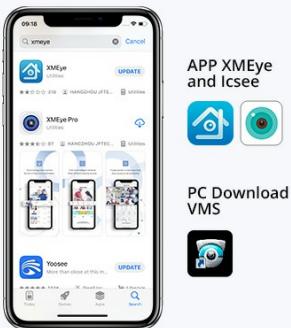
Image: An illustration of the DVR with a hard drive floating above it, labeled 'Pre-installed 1TB HDD', and text indicating 'Up to 14TB External HDD', highlighting the expandable storage capacity.

Simple Connection for Remote Access

01 Connect Camera System



02 Download Free Smart App



03 How to connect to the app
In Main Menu-Info-Version, you can find the DVR's QR code and scan it with the APP to bind.



04 Enjoy Live View



Image: A visual comparison showing H.265+ saving more than 80% storage compared to H.264, and the DVR with a 14TB hard drive, emphasizing maximized storage capacity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No video display on monitor/TV	Loose cable connection, incorrect input source on display, DVR not powered on.	Check HDMI/VGA cable connections. Ensure display is set to correct input. Verify DVR power.
No recording	Hard drive not detected, recording schedule not set, hard drive full.	Check HDD connection. Verify recording settings. Format or replace HDD if full.
Remote access not working	No internet connection, incorrect network settings, app not configured correctly.	Ensure DVR is connected to the internet. Check network settings on DVR. Reconfigure app.
Motion detection not triggering alerts	Motion detection disabled, sensitivity too low, alert settings incorrect.	Enable motion detection. Adjust sensitivity. Verify app/email alert settings.

8. SPECIFICATIONS

- Brand:** TOWODE
- Model Number:** DVR for security camera-03
- Number of Channels:** 4
- Connectivity Technology:** VGA, USB, HDMI, Ethernet
- Video Capture Resolution:** 1080p (supports up to 5MP cameras)
- Memory Storage Capacity:** 1 TB (pre-installed), expandable up to 14 TB
- Compatible Devices:** Smartphones, Personal Computers, TV, Laptops, Tablets, Cameras (TVI, AHD, CVI, CVBS, IP)
- Frame Rate:** 30fps
- Recording Mode:** Continuous, Motion Detection
- Power Source:** AC
- Product Dimensions:** 10 x 10 x 3 inches
- Item Weight:** 3.8 pounds

- **UPC:** 768904900818

Human shape detection/ face detection

Need to be used with a camera
(camera not included)



Image: An illustration showcasing various camera types (XVIII, AHD, TVI, CVI, IPC, Analog) and the supported resolutions for the DVR recorder, ranging from 960P to 5MP.

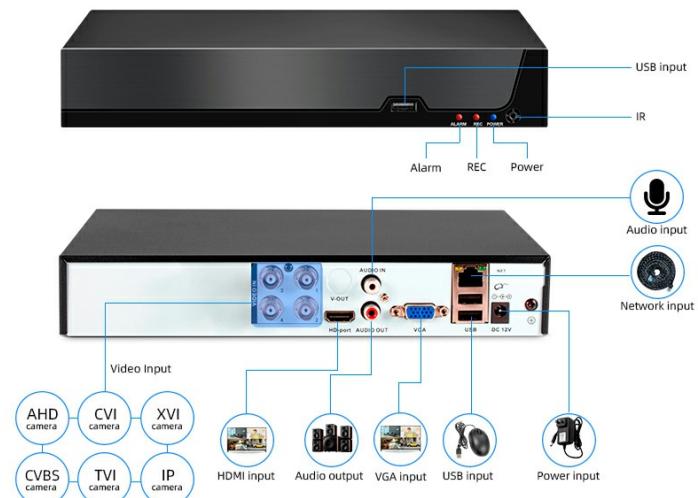


Image: A side-by-side comparison of image quality between a 3MP camera (2048*1536) and a 5MP camera (2592*1944), demonstrating the higher detail provided by 5MP resolution.

How to connect to the app

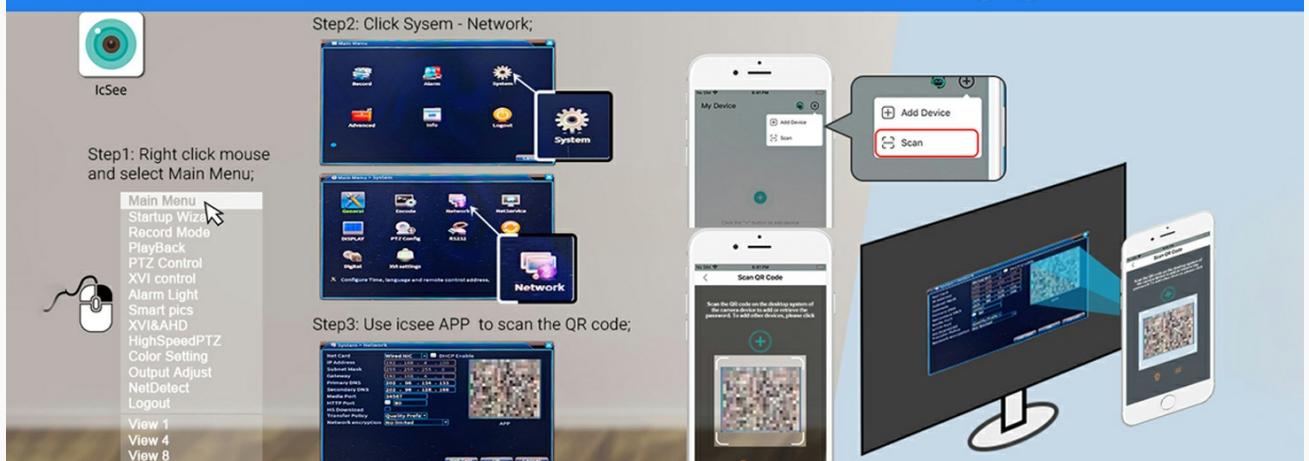


Image: A split image showing a house scene in both night (dark, blue tint) and day (bright, natural colors) conditions, illustrating the DVR's capability to provide surveillance around the clock.

9. SUPPORT

For technical assistance or customer support, please refer to the contact information provided with your product packaging or visit the official TOWODE website.

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