KERUI A6208

KERUI 3K/5MP Lite 8-Channel 6-in-1 DVR Instruction Manual

Model: A6208

INTRODUCTION

This manual provides comprehensive instructions for the KERUI 3K/5MP Lite 8-Channel 6-in-1 Digital Video Recorder (DVR). This DVR is designed for security camera systems, offering compatibility with various camera types including Analog, XVI, AHD, TVI, CVBS, CVI, and IP cameras. Please read this manual carefully before installation and operation to ensure proper use and optimal performance of your surveillance system.

WHAT'S IN THE BOX

Verify that all components are present in the package:

- 1 x 8-Channel DVR Unit
- 1 x 2TB Surveillance Hard Drive (Pre-installed)
- 1 x DVR Power Supply
- 1 x USB Mouse
- 1 x Warning Stickers

Image: Contents of the KERUI 8-Channel DVR box, showing the DVR unit with dimensions, a 1TB surveillance HDD, DVR power supply, USB mouse, and warning stickers.

Setup

1. Initial Connections

Before powering on the DVR, ensure all necessary connections are made.

- **Connect Cameras:** Connect your security cameras to the appropriate video input ports (BNC connectors for Analog/AHD/TVI/CVI/XVI cameras, Ethernet for IP cameras). The DVR supports up to 8 channels for local cameras and additional IP channels depending on the configuration.
- **Connect Monitor:** Use an HDMI or VGA cable to connect a monitor to the DVR's corresponding output port.
- **Connect Mouse:** Plug the included USB mouse into one of the USB ports on the DVR.
- **Network Connection (Optional):** For remote access and network features, connect an Ethernet cable from the DVR's LAN port to your router or network switch.
- **Power Connection:** Connect the DVR power supply to the DC 12V input port on the DVR, then plug the power supply into an electrical outlet.

H.265+ Video Compression
50% Storage Savings & Enhanced Quality

Smooth viewing
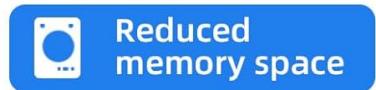
Reduced memory space

H.265+

H.264

Storage Space
50%

Storage Space
100%

Bandwidth Resources
50%

Bandwidth Resources
100%

Loading Speed
100%
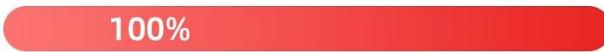
Loading Speed
50%

Image: Rear panel connections of the DVR, illustrating video inputs (AHD, CVI, XVI, CVBS, TVI, IP camera compatibility), HDMI output, audio input/output, VGA input, USB input, network input, and power input.

2. Initial Power-On and Configuration

Once all connections are secure, power on the DVR. The system will boot up and display the live view on the connected monitor. Follow the on-screen prompts for initial setup, which may include setting a password, date/time, and network settings.

OPERATING INSTRUCTIONS

1. Video Compression (H.265+)

The DVR utilizes advanced H.265+ video compression technology. This standard significantly improves compression ratios compared to H.264, resulting in longer recording times and up to 80% storage savings. It also enhances image quality and provides a smoother viewing experience.
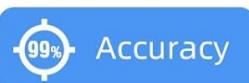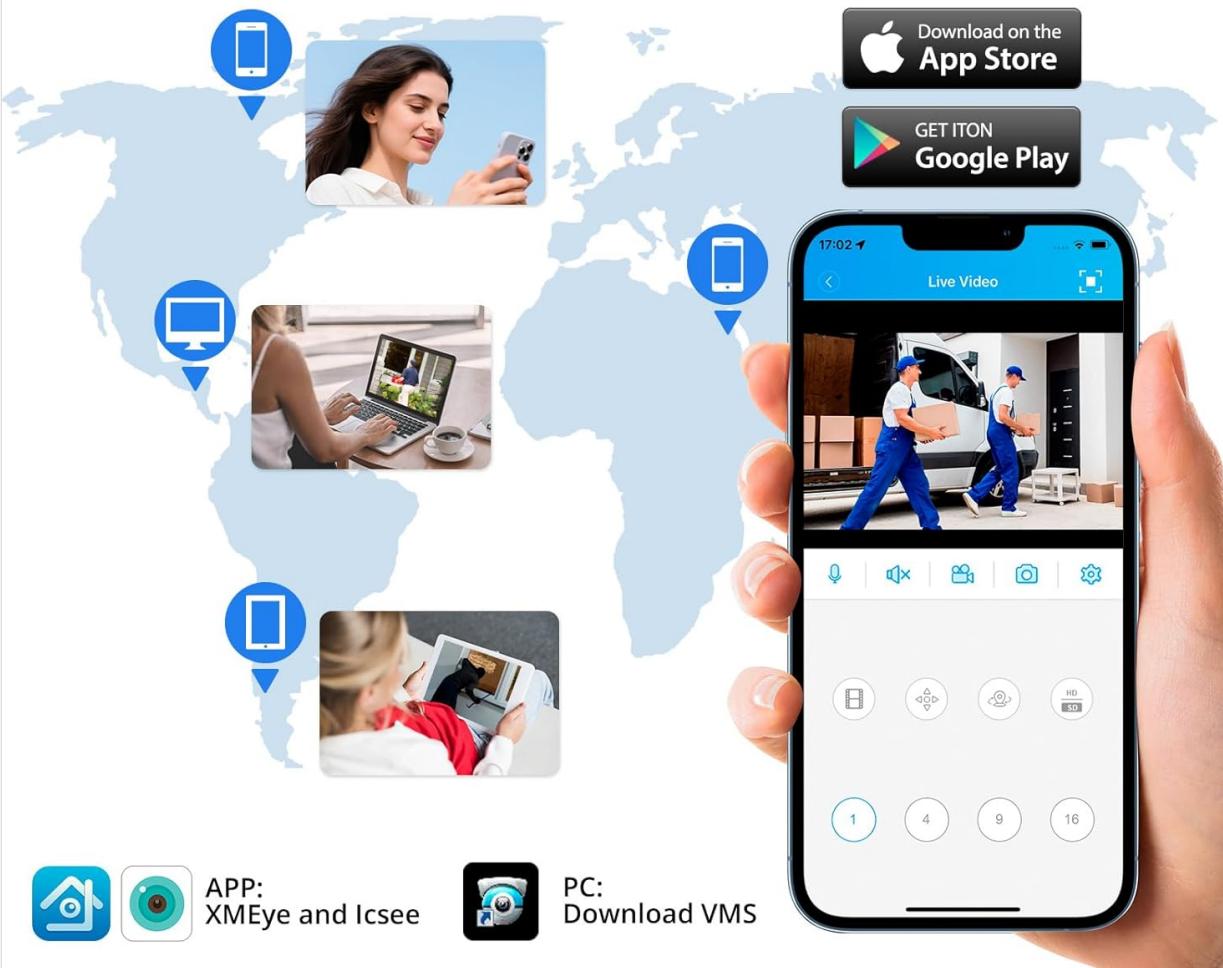
Image: Visual comparison demonstrating the efficiency of H.265+ compression, showing reduced storage space and improved bandwidth compared to H.264.

2. Smart Motion Detection and Alerts

The DVR features intelligent motion detection and human/face detection capabilities. When abnormal activity is detected, the system can automatically trigger an alarm and send real-time notifications via email or mobile app. This allows you to monitor your property's security immediately, regardless of your location.

8-Channel 5MP/1080P Ultra HD

Supports 5MP (2592×1944) & 1080P (1920×1080) Resolution for Clear, Multi-Camera Monitoring

5MP — 5MP HD Lite
Motion Datection
H.265+
Remote View
1TB HDD (Pre-installed on DVR)
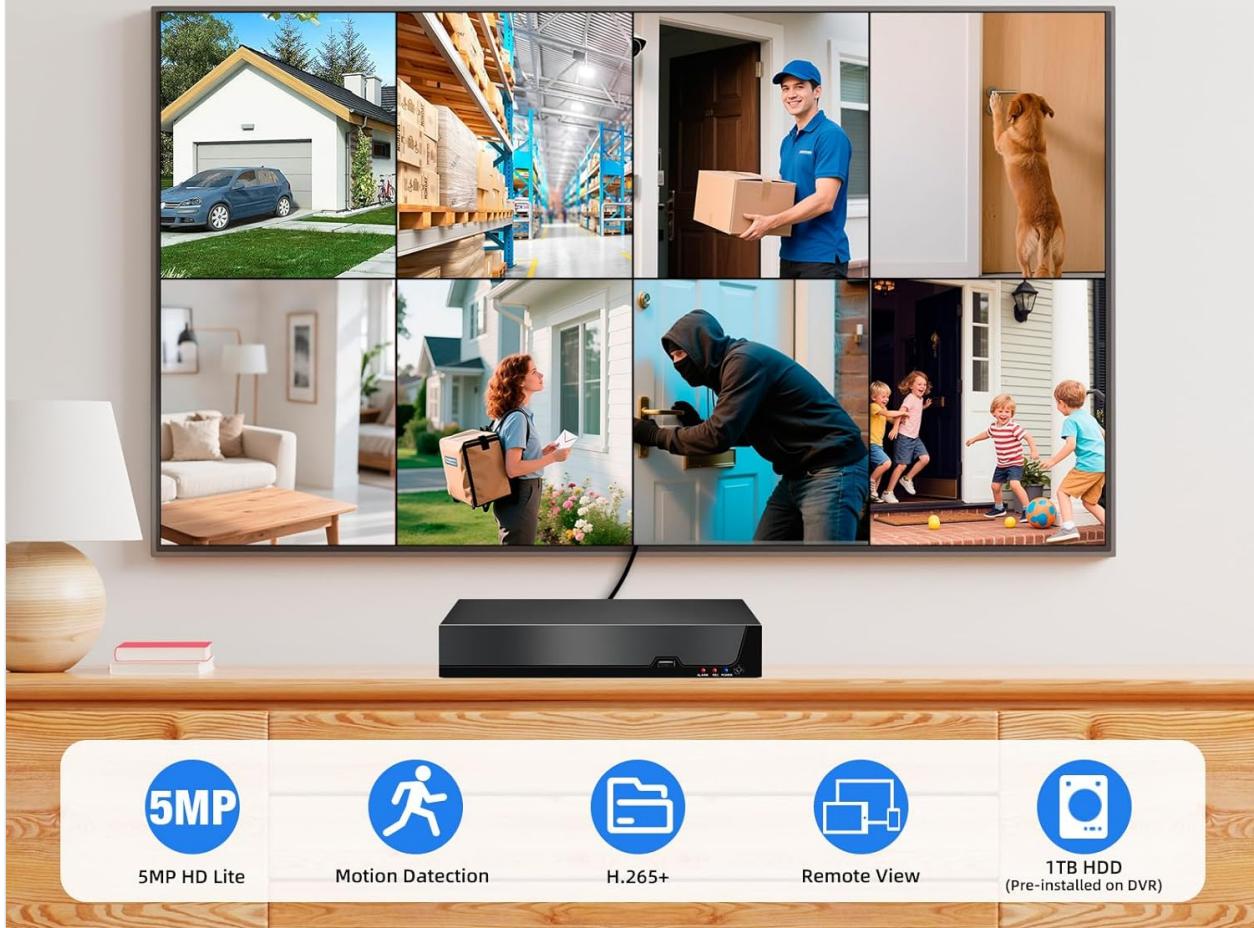
Image: Overview of AI Human & Face Detection, showing real-time alerts via app push and email, with remote viewing options on mobile phones and computers.

3. Remote Access and Playback

The DVR supports remote access, allowing you to view live surveillance footage and play back recorded videos from anywhere with an internet connection. This can be done through mobile phones, computers, and other devices using the dedicated application (XMEye and Icsee) or PC software (VMS).

6-in-1 Compatibility

CVBS TVI CVI XVI AHD IP

USB input

Power   REC   Alarm

Audio input

Network input

Video Input

- AHD camera
- CVI camera
- XVI camera
- CVBS camera
- TVI camera
- IP camera

HDMI input   Audio output   VGA input   USB input   Power input
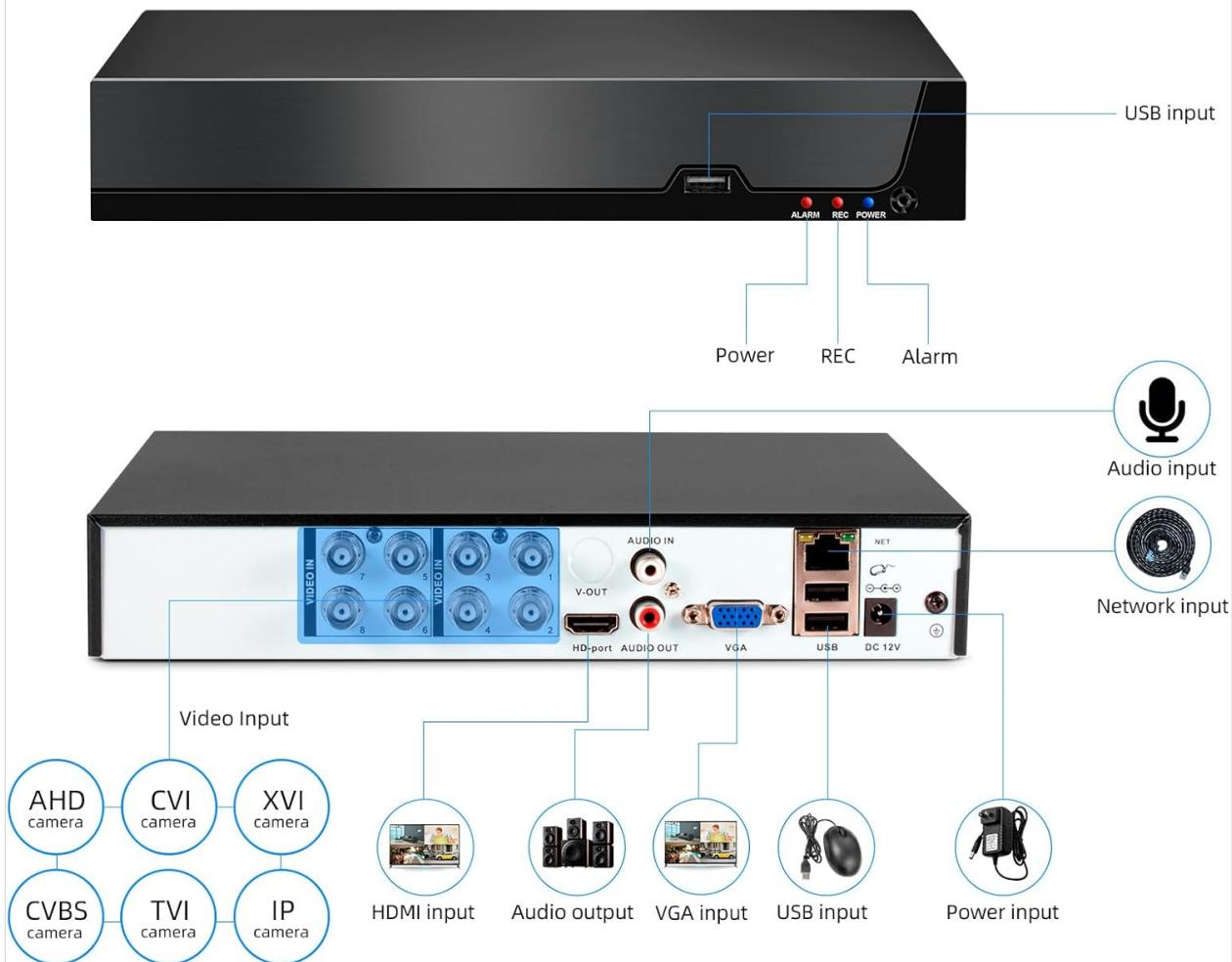
Image: Remote access and playback feature, showing live and recorded footage accessible via the internet, even without a constant internet connection for local recording.

4. Switching DVR Mode

The DVR supports various channel configurations to accommodate different camera types and quantities. You can switch the DVR mode through the system settings to match your camera setup.

Video: This video demonstrates how to switch the DVR mode to support different camera configurations (e.g., 8 XVI, AHD, TVI, CVI, CVBS, 4 1080P, or 16 5MP IP cameras).

5. Disabling Hard Disk Storage Reminder

If you wish to disable the hard disk storage reminder, follow the steps shown in the video below. This can be useful in specific scenarios where continuous reminders are not desired.

Video: This video illustrates the process of canceling the hard disk storage reminder on the DVR interface.

MAINTENANCE

To ensure the longevity and optimal performance of your KERUI DVR, consider the following maintenance tips:

- **Regular Cleaning:** Keep the DVR unit free from dust and debris. Use a soft, dry cloth for cleaning. Ensure ventilation openings are not blocked.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates. Updates can improve performance, add features, and enhance security.
- **Data Backup:** Regularly back up important recorded footage to an external storage device to prevent data loss.
- **Environmental Conditions:** Operate the DVR within recommended temperature and humidity ranges to prevent damage.

TROUBLESHOOTING

If you encounter issues with your DVR, refer to the following common troubleshooting steps:

- **No Video Output:** Check HDMI/VGA cable connections to the monitor and DVR. Ensure the monitor is set to the correct input source.
- **Cameras Not Displaying:** Verify that cameras are properly connected and powered. Check camera compatibility with the DVR's current mode (refer to 'Switching DVR Mode' section).
- **No Recording:** Ensure the hard drive is correctly installed and initialized. Check recording schedules and settings.
- **Remote Access Issues:** Verify network cable connection and router settings. Ensure the mobile app or PC software is correctly configured and the DVR has internet access.
- **System Freezing/Unresponsive:** Try restarting the DVR. If the issue persists, consider performing a factory reset (note: this will erase settings).

For more complex issues, contact customer support.

SPECIFICATIONS

Feature	Specification
Brand	KERUI
Model Number	A6208
Product Dimensions	19 x 4 x 19 cm; 1.1 kg
Video Capture Resolution	1080p (supports up to 5MP Lite)
Number of Channels	8
Memory Storage Capacity	2 TB (Integrated Hard Drive)
Connectivity Technology	HDMI, USB, VGA

Special Features	Two-way audio, High-efficiency video encoding (H.265+), App control, Video recording, Smart playback, Motion detection, Human detection
Compatible Devices	Supports 4* 5M-N@20fps, 4* 4MN@30fps, 4* 1080P@25fps cameras. Compatible with XVI, AHD, TVI, CVI, CVBS, IP cameras.
Recommended Uses	Outdoor, Indoor

WARRANTY AND SUPPORT

For warranty information, please refer to the product packaging or contact your retailer. For technical support, product inquiries, or further assistance, please visit the official KERUI website or contact their customer service department. Keep your purchase receipt for warranty claims.