ANNKE

ANNKE 16CH 1080P Lite Hybrid 5-in-1 CCTV DVR User Manual

Model: G 711

Introduction | What's in the Box | Product Overview | Setup Guide | Operating Instructions
Maintenance | Troubleshooting | Specifications | Warranty & Support

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ANNKE 16CH 1080P Lite Hybrid 5-in-1 CCTV DVR. This advanced digital video recorder is designed to provide comprehensive surveillance solutions, supporting multiple camera technologies and offering smart features for enhanced security. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

2. What's in the Box

Upon opening the package, please verify that all the following components are included and in good condition:

- 1x ANNKE 16CH 1080P Lite Hybrid 5-in-1 DVR (with 2TB Hard Drive Included)
- 1x 12V Power Adapter
- 1x USB Mouse
- 1x HDMI Cable
- 1x Network Cable
- 1x Wall Sticker
- 1x User Manual
- HDD Installation Cables (if HDD is not pre-installed)
- Screw Bag for HDD installation



Figure 2.1: All components included in the ANNKE 16CH DVR package.

Video 2.1: An unboxing video demonstrating the contents of the ANNKE 2MP Lite 16CH DVR package. This video shows the DVR unit, power supply, USB mouse, and various cables and documentation.

3. Product Overview

3.1. 5-in-1 Hybrid DVR Capability

The ANNKE DVR is a versatile 5-in-1 hybrid digital video recorder, combining the functionalities of DVR, NVR, and

HVR. It supports up to 16 channels for TVI, AHD, CVI, CVBS cameras, and an additional 2 IP cameras, providing flexibility for various surveillance setups. This broad compatibility allows for integration with a wide range of security cameras, ensuring comprehensive coverage for your property.



Figure 3.1: The DVR's powerful 5-in-1 capability, supporting various camera signal types.

3.2. Innovative Human & Vehicle Detection

Equipped with advanced AI-powered human and vehicle detection, this DVR minimizes false alarms. It intelligently distinguishes between human and vehicle movements and other irrelevant triggers like animals, falling leaves, or insects. This ensures you receive accurate motion detection alerts, focusing only on significant events.

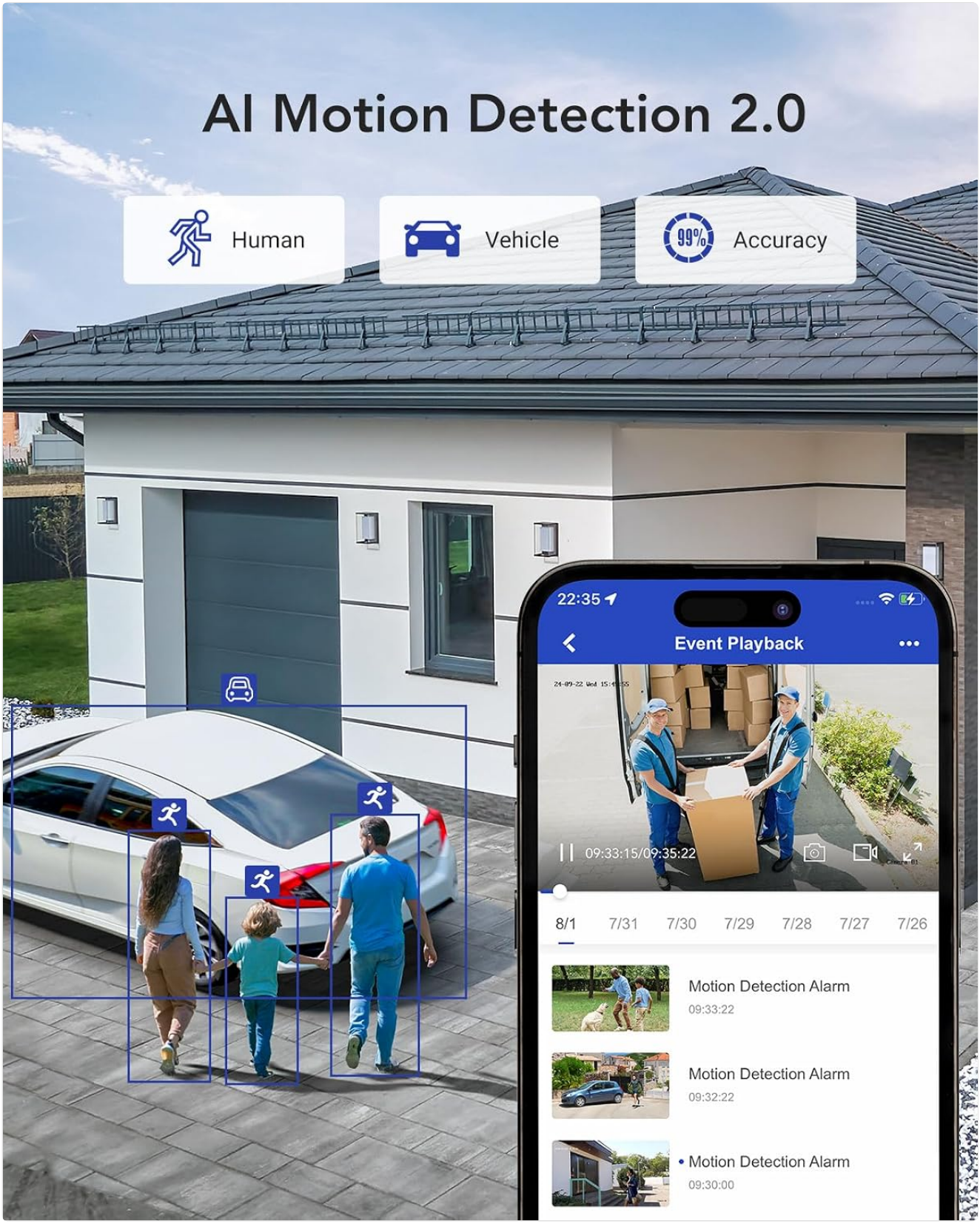


Figure 3.2: AI Motion Detection 2.0 with human and vehicle recognition for improved accuracy.

Video 3.1: This video highlights the key features of the ANNKE 16CH 2MP Lite Hybrid DVR, including its AI capabilities for smart detection.

3.3. H.265+ Video Coding & 2TB Security-Grade HDD

The DVR utilizes advanced H.265+ video compression technology, which significantly reduces file sizes and bandwidth consumption. This allows for longer recording times and saves up to 50% more storage space compared to H.265 systems. It comes with a pre-installed 2TB security-grade hard disk drive (HDD), specifically designed for the demanding 24/7 workload of surveillance monitoring, ensuring reliable and continuous recording.



Figure 3.3: H.265+ video compression offers superior storage efficiency.



Figure 3.4: The ANNKE DVR comes with a pre-installed 2TB hard drive for extensive recording.

3.4. Easy Remote Access

Stay connected to your surveillance system from anywhere with easy remote access. By linking the DVR to your router and downloading the ANNKE Vision App, you can control and view live feeds or recorded footage via your smartphone, tablet, or computer. The system supports access through 3G/4G/5G networks and various web browsers (Google Chrome, Firefox, Microsoft Edge, Internet Explorer).

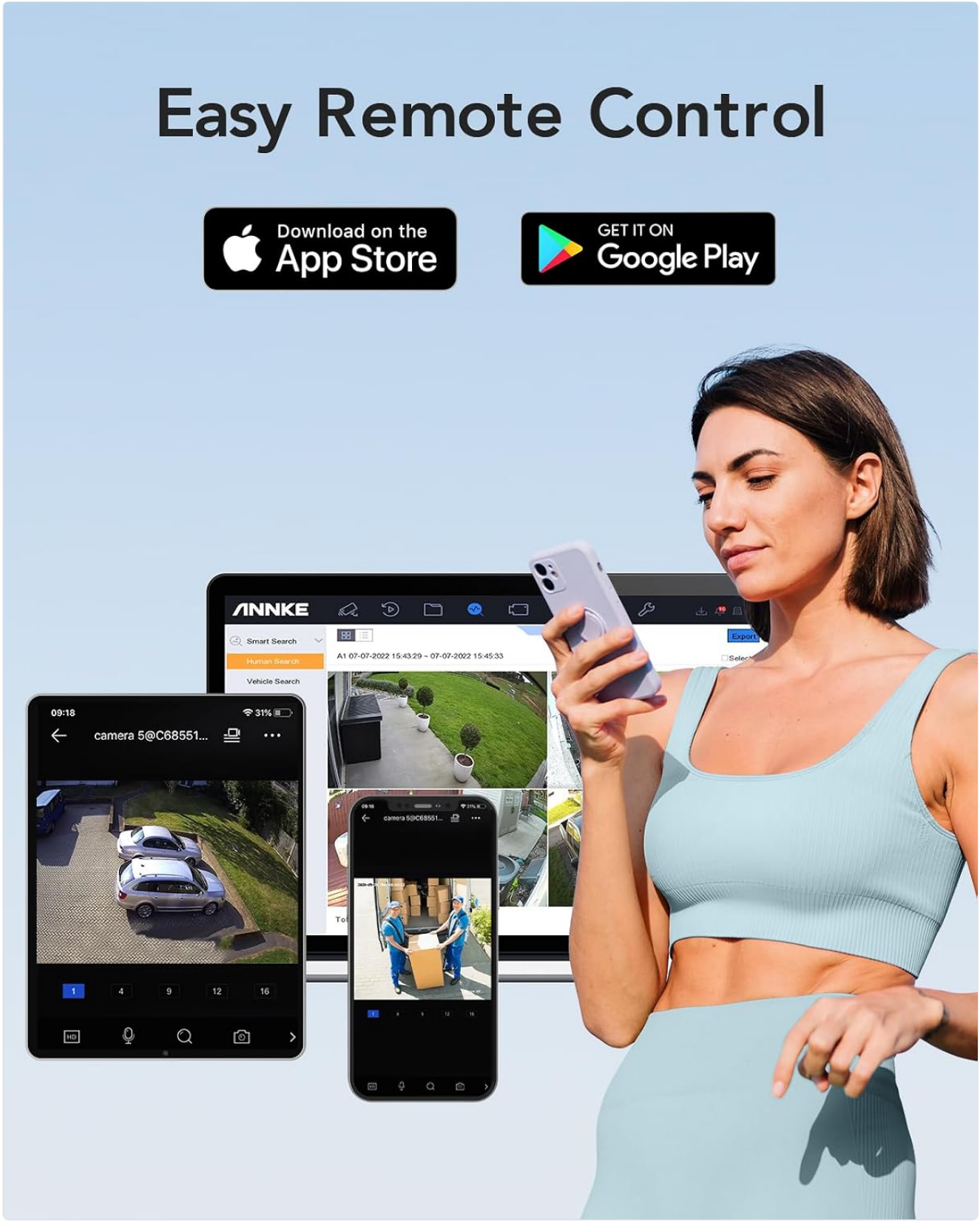


Figure 3.5: Remote control and viewing via the ANNKE Vision App on various devices.

3.5. 24/7 Non-stop Recording

The DVR is designed for continuous, 24/7 non-stop recording, ensuring that every second of activity is captured. This provides constant vigilance and comprehensive security coverage for your property, allowing you to review footage at any time.



Figure 3.6: The DVR provides continuous 24/7 recording for ultimate security.

3.6. Bank-Level Encryptions

Your data security is paramount. The ANNKE DVR system is secured with 128-bit AES encryption, HTTPS, and private protocols. It conforms to GDPR standards, making the ANNKE App extremely hack-proof and ensuring your surveillance data is protected with bank-level security measures.



Figure 3.7: Bank-level encryptions ensure robust data security for your surveillance system.

4. Setup Guide

4.1. Physical Connection

1. **Unpack the DVR:** Carefully remove all components from the packaging. Refer to Section 2 for a complete list of items.
2. **Connect Cameras:** Connect your TVI, AHD, CVI, or CVBS cameras to the BNC video input ports on the back of the DVR. For IP cameras, ensure they are connected to your network and configured to be discoverable by

the DVR.

3. **Connect to Monitor:** Connect the DVR to a monitor using the provided HDMI cable or a VGA cable (not included).
4. **Connect USB Mouse:** Plug the USB mouse into one of the USB ports on the DVR.
5. **Connect to Network (Optional but Recommended):** For remote access and firmware updates, connect the DVR to your router using the provided network cable.
6. **Connect Power:** Plug the 12V power adapter into the DVR's power input and then into a power outlet. The DVR will power on automatically.

4.2. Initial Configuration

Upon the first boot-up, the DVR will guide you through an initial setup wizard. Follow the on-screen prompts to:

- Set up a strong password for the administrator account.
- Configure date and time settings.
- Adjust network settings (DHCP is usually sufficient for most home networks).
- Initialize the hard drive if prompted (this will format the 2TB HDD for recording).
- Add and configure IP cameras (if applicable).

5. Operating Instructions

5.1. Live View

After successful setup, the DVR will display the live view from all connected cameras on your monitor. You can switch between single-camera view, multi-camera grid view, and customize display settings using the on-screen menu and USB mouse.

5.2. Recording Management

The DVR is pre-configured for continuous recording. You can adjust recording schedules, set up motion-triggered recording, or enable human/vehicle detection recording via the 'Record' menu in the DVR's interface. Ensure the hard drive is initialized for recording to begin.

5.3. Playback

To review recorded footage:

1. Access the 'Playback' menu from the main interface.
2. Select the date and time range for the footage you wish to view.
3. Choose the camera channel(s).
4. Use the playback controls (play, pause, fast forward, rewind) to navigate through the footage. The smart playback feature allows you to quickly locate events, saving time.

5.4. Remote Viewing via ANNKE Vision App

To access your DVR remotely:

1. Download the 'ANNKE Vision' app from the Apple App Store or Google Play Store.
2. Create an ANNKE account and log in.
3. Add your DVR to the app by scanning the QR code on the DVR or manually entering its serial number.
4. Once added, you can view live feeds, play back recordings, and receive alerts directly on your mobile device.

Video 5.1: This video demonstrates the ease of remote access and smart features of the ANNKE 16CH 2MP Lite Hybrid DVR, useful

for understanding daily operation.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your DVR system:

- **Keep Clean:** Regularly clean the DVR unit and cameras with a soft, dry cloth. Avoid using liquid cleaners or aerosols.
- **Ventilation:** Ensure the DVR is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Firmware Updates:** Periodically check for and install firmware updates from the ANNKE official website. Updates often include performance improvements and security enhancements.
- **Password Security:** Change your DVR and app passwords regularly to strong, unique combinations.
- **Data Backup:** For critical footage, regularly back up data to an external storage device.

7. Troubleshooting

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
No video output on monitor	Loose cable connection, incorrect input source on monitor, DVR not powered on.	Check HDMI/VGA cable connections. Ensure monitor input is set correctly. Verify DVR power.
No recording	Hard drive not initialized, recording schedule not set, HDD full.	Initialize HDD via DVR menu. Check recording schedule. Configure overwrite settings or backup/delete old footage.
Cannot access remotely	DVR not connected to network, network issues, incorrect app settings, firewall blocking.	Verify network cable connection. Check router and internet connection. Ensure DVR network settings are correct. Disable firewall temporarily for testing.
Frequent false alarms	Motion detection sensitivity too high, environmental factors (trees, animals).	Adjust motion detection sensitivity. Utilize human/vehicle detection features. Adjust detection zones to exclude irrelevant areas.
Forgot password	Password lost or forgotten.	Refer to the ANNKE support website or contact technical support for password reset procedures.

8. Specifications

Feature	Detail
Model Number	G 711
Video Input	16 Channels (TVI/AHD/CVI/CVBS) + 2 IP Channels
Video Compression	H.265+ / H.265 / H.264+ / H.264
Video Output	HDMI, VGA

Feature	Detail
Audio Input/Output	Supported (specific ports may vary)
Hard Drive	2TB Security-Grade HDD (pre-installed)
Max HDD Capacity	Up to 10TB (single HDD slot)
Network Interface	1x RJ45 10M/100M Ethernet Port
USB Interface	2x USB 2.0
Power Supply	DC 12V
Operating Temperature	14°F – 131°F (-10°C – 55°C)
Dimensions (L x W x H)	10.24 x 8.74 x 1.77 inches (260 x 222 x 45 mm)
Weight	4.4 pounds (2 kg)
Certifications	UL, CE, HDMI Certified

9. Warranty & Support

ANNKE products are designed for reliability and performance. For detailed warranty information, please refer to the warranty card included in your product package or visit the official ANNKE website. ANNKE provides dedicated customer support and lifetime technical assistance to ensure your satisfaction.
If you encounter any issues or have questions regarding your DVR, please contact ANNKE customer support through their official website or the contact information provided in your user manual. Please have your product model number (G 711) and purchase details ready when contacting support.

© 2025 ANNKE. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question