



Manuals.plus /

- › ANNKE /
- › ANNKE 4K 8 Channel AI DVR Recorder User Manual

## ANNKE DT81DX

# ANNKE 4K 8 Channel AI DVR Recorder User Manual

MODEL: DT81DX | BRAND: ANNKE

### Product Overview

---

The ANNKE 4K 8 Channel AI DVR Recorder is a comprehensive home security system designed for advanced surveillance. It features 4K Ultra HD resolution for clear footage, intelligent human and vehicle detection to minimize false alarms, and robust weather-resistant cameras. The system supports remote viewing and offers bank-level encryption for data security.



Image: ANNKE 4K 8 Channel AI DVR Recorder with four 8MP UHD outdoor cameras and a 2TB hard drive.

## What's in the Box

---

The package includes the following components:

- 1 x 8CH 4K DVR with 2TB HDD
- 4 x 4K Wired Cameras
- 4 x BNC Cables
- 4 x Screw Kits
- 2 x Power Adapters
- 1 x 1-to-4 Splitters Cable
- 1 x HDMI Cable
- 1 x Ethernet Cable
- 1 x USB Mouse
- 1 x User Manual
- 1 x Wall Sticker



**X1** DVR



**X4** Camera



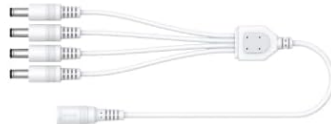
**X2** Power Supply



**X1** USB Mouse



**X4** 60 ft BNC Cable



**X1** 1-to-4 Splitter Cable



**X1** HDMI Cable



**X1** Network Cable



**X1** Wall Sticker



**X1** User Manual



**X4** Screw



**X1** Surveillance HDD

Image: All components included in the ANNKE 4K 8 Channel AI DVR Recorder system package.

## Setup Guide

Follow these general steps to set up your ANNKE 4K 8 Channel AI DVR Recorder system. For detailed instructions, refer to the included User Manual.

- 1. Unpack Components:** Carefully remove all items from the packaging and verify against the "What's in the Box" list.
- 2. Connect Cameras:** Connect each camera to the DVR using the provided BNC cables. Ensure connections are secure.
- 3. Connect DVR:**
  - Connect the DVR to a monitor or TV using the HDMI cable.
  - Connect the USB mouse to the DVR for navigation.
  - Connect the DVR to your network router using the Ethernet cable for remote access features.
  - Connect the power adapter to the DVR and plug it into a power outlet.
- 4. Power On:** Power on the DVR. The system will guide you through initial setup, including language selection, password creation, and hard drive initialization.
- 5. Camera Placement:** Strategically position cameras to cover desired areas. Ensure they are within cable

reach and have a clear line of sight. The IP67 weatherproof rating allows for outdoor installation.

6. **Remote Access Setup:** Download the ANNKE app on your mobile device (available on Google Play and Apple App Store). Follow the in-app instructions to add your DVR system for remote viewing and alerts.

Your browser does not support the video tag.

Video: An overview of the ANNKE 4K Home Security System, demonstrating its features and capabilities, including setup aspects.

## Operating the System

---

The ANNKE DVR system offers various operational modes and features for effective surveillance.

### Live View & Recording

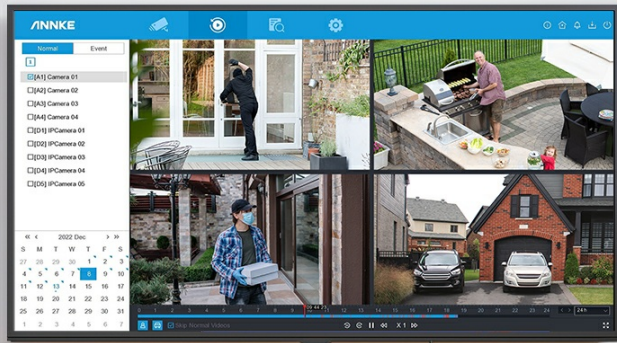
Once set up, the DVR will display live feeds from all connected cameras. You can configure continuous recording, schedule recording, or motion-triggered recording. The system utilizes H.265 video compression for efficient storage.

# 4K Ultra HD

## **16:9** Broad Vision



Image: Example of 4K Ultra HD footage with a 16:9 broad vision, showcasing the clarity of the system.



## Locate Vital Videos in Countable Seconds

Never spend extra time in finding what you need in loads of videos.



   Skip Normal Videos

Image: The ANNKE software interface, demonstrating how to locate vital videos quickly by skipping normal footage.

## Intelligent Detection

The system features advanced AI-powered human and vehicle detection, significantly reducing false alarms caused by irrelevant movements. When a person or vehicle is detected, the system can trigger alerts and begin recording.

# Person/Vehicle Detection

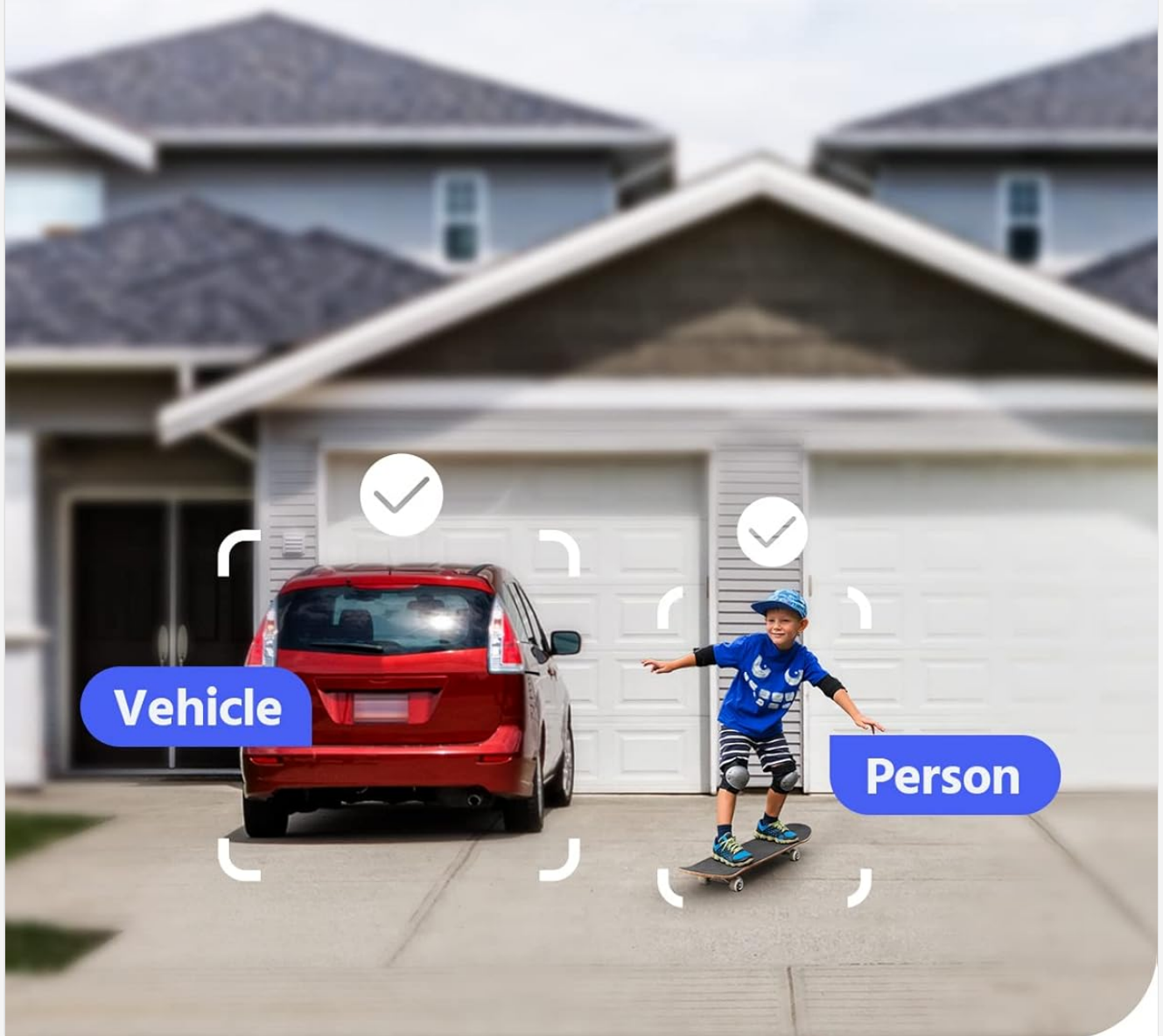


Image: Visual representation of the system's ability to accurately detect and differentiate between persons and vehicles.

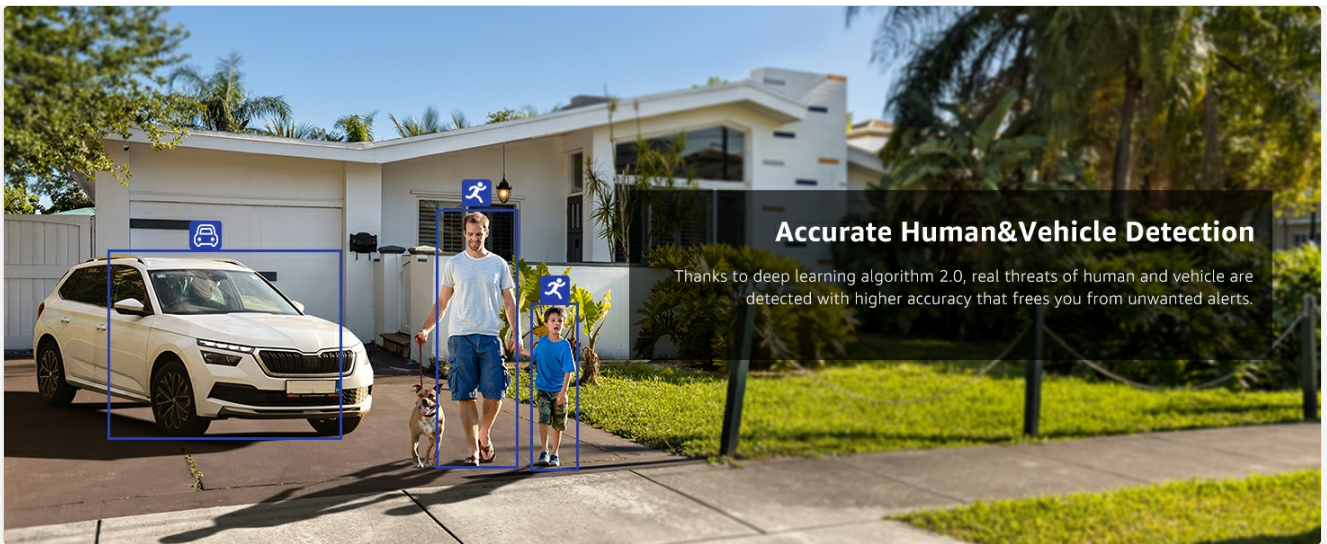


Image: Accurate human and vehicle detection using deep learning algorithms, reducing unwanted alerts.

## Night Vision Modes

The cameras offer three night vision modes: Smart Light, White Light, and IR Night Vision. In Smart Light mode, black and white night vision automatically switches to color when a human or vehicle is detected.



Image: Demonstration of different night vision modes: 66ft Color Mode, 100ft IR Mode, and Smart Dual-Light Mode, which activates color vision upon human/vehicle detection.

## Alerts and Notifications

Receive instant push notifications on your mobile device and email alerts with snapshots when motion is detected. The DVR can also issue a buzzer warning.

# App Pushes & Email Alerts



App Push Notifications



Email Alerts with Snapshots



DVR Buzzer Warning

Image: Overview of the alert mechanisms, including app push notifications, email alerts with snapshots, and DVR buzzer warnings.

## Remote Access and Software

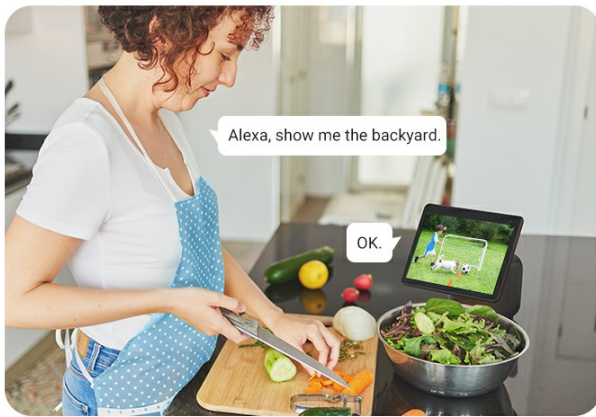
Access your security system remotely via the intuitive ANNKE software available for various devices, including smartphones, tablets, laptops, and desktops. There are no monthly monitoring fees.

# Intuitive **ANNKE** Software

No Monthly Monitoring Fees



Image: The intuitive ANNKE software interface accessible across multiple devices, including desktop, laptop, tablet, and smartphone, for convenient monitoring.



## Follow Up Your Voice Command in Sec.

With Alexa, you'll get the full access to stream the UHD live view that never get an unknown time gap again.



Image: The system's compatibility with Alexa, allowing voice commands to stream live views.

## Maintenance

---

Regular maintenance ensures optimal performance and longevity of your security system.

- **Clean Cameras:** Periodically clean camera lenses and housings to remove dust, dirt, or cobwebs that may obstruct the view. Use a soft, damp cloth.
- **Check Connections:** Ensure all cable connections (BNC, power, Ethernet) are secure and free from damage. Loose connections can lead to signal loss or intermittent issues.
- **Firmware Updates:** Check the ANNKE official website or app for available firmware updates for your DVR. Keeping the firmware updated can improve performance, add new features, and enhance security.
- **Hard Drive Health:** Monitor the health of the 2TB hard drive through the DVR's system settings. Ensure there is sufficient space for recordings and consider backing up important footage regularly.
- **Power Supply:** Verify that the power adapters are functioning correctly. A faulty power supply can cause cameras to go offline or the system to malfunction.

## Troubleshooting

---

This section addresses common issues you might encounter. For more complex problems, refer to the comprehensive User Manual or contact ANNKE support.

### No Video Display:

- Check power connections for the DVR and cameras. Ensure all power adapters are plugged in and receiving power.
- Verify HDMI/VGA cable connection between the DVR and the monitor.
- Ensure the correct input source is selected on your monitor/TV.
- If a specific camera has no video, check its BNC cable connection to the DVR and the camera's power supply. A user reported that replacing the camera power supply resolved a black screen issue.

### No Recording:

- Check hard drive status in DVR settings. Ensure it is initialized and healthy.
- Verify recording schedules and motion detection settings.
- Ensure cameras are properly connected and providing live feed.

### Remote Access Issues:

- Ensure the DVR is connected to the internet via the Ethernet cable.
- Check your network router and internet connection.
- Verify app settings and ensure the DVR is correctly added to your ANNKE account.
- Ensure necessary network ports are open if you are using advanced network configurations (refer to your router's manual or ANNKE support for port forwarding details).

## Specifications

Feature	Detail
Brand	ANNKE
Connectivity Technology	Wired
Number of Channels	8
Memory Storage Capacity	2 TB
Color	Black, White
Power Source	Corded Electric
Item Dimensions (L x W x H)	14.8 x 7.95 x 13.98 inches
Recommended Uses	Surveillance
Compatible Devices	Cameras
Signal Format	Analog
Low Light Technology	Night color
Night Vision Range	25 Meters
Frame Rate	30 fps
Recording Mode	Motion Detection, Continuous
Optical Sensor Technology	CMOS
Lens Type	Fixed
Video Input	BNC, RJ45, CVBS, IP
Item Weight	10.87 pounds
Model Number	DT81DX
First Available Date	February 12, 2019

-40 °C to 60 °C (-40 °F to 140 °F)

# IP67



Image: The IP67 weatherproof rating ensures the cameras can withstand extreme temperatures and water exposure.

## Warranty and Support

ANNKE provides support for its products. Users are encouraged to register their product on the official ANNKE website for potential extended warranty benefits.

For technical assistance, troubleshooting, or warranty claims, please contact ANNKE customer support. Support is primarily available via email, as noted by other users.

Refer to the official ANNKE website for the most up-to-date contact information and support resources.



Image: The system features secure, multi-level encryptions to protect your data.

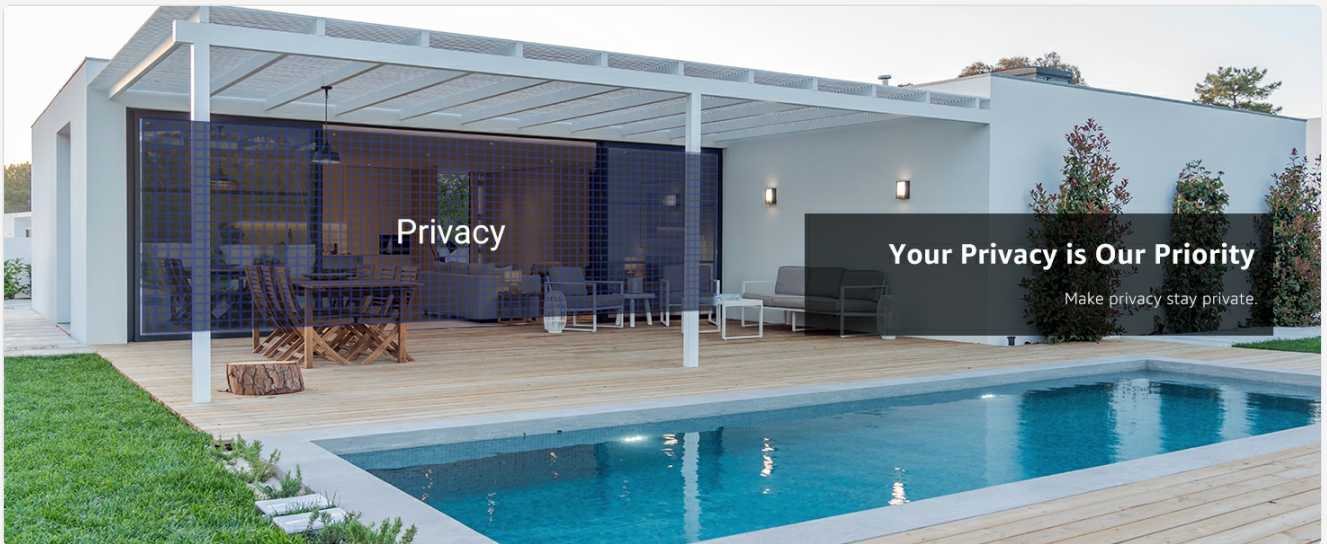


Image: ANNKE prioritizes user privacy, allowing for privacy zone settings.

