



Digital Video Recorder

Quick Start Guide

(EN / DE / IT / FR / ES)

www.annke.com

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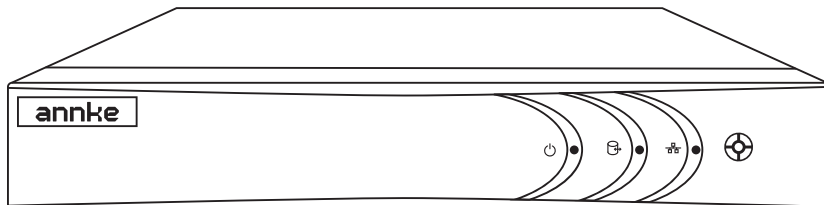
Free Call for US and CA
7:00am-8:30pm EST
Weekday



: + 44 8081966228

Free Call for UK
12:00 pm - 1:30am, GMT,
Weekday

1. What's in the Box



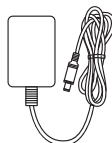
DVR



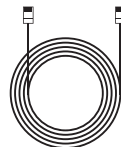
User Manual



USB Mouse



Power Adapter



Network Cable



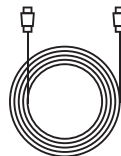
Wall Sticker



HDD Power Cable



HDD Data Cable

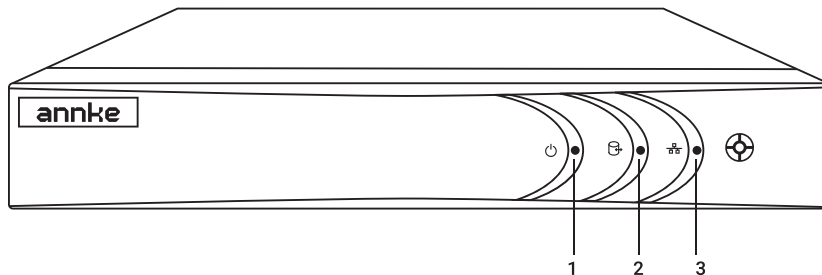


HDMI Cable

Note: Please check the package carefully. If the hard disk has been preinstalled, the hard disk power cable and data cable are not included.

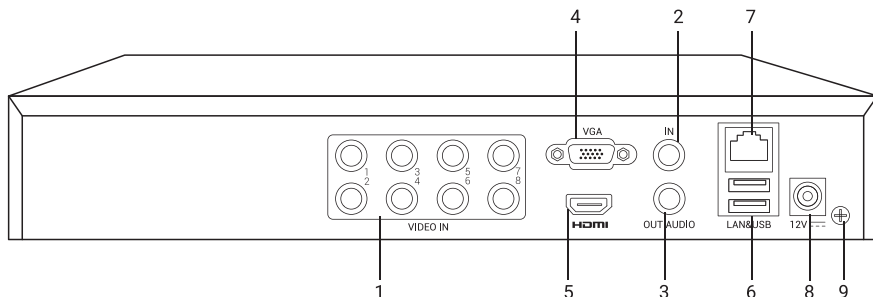
2. DVR Introduction

Front Panel



NO.	Icon	Status	Description
1		Solid yellow light	Stable power station
2		Red light	Reading or writing data from the HDD
3		Flickering yellow light	Stable network connection

Rear Panel



NO.	Port	Description
1	VIDEO IN	Connect with BNC cable
2	AUDIO IN	Connect a microphone with the RCA cable
3	AUDIO OUT	Connect a speaker with the RCA cable
4	VGA	Connect a VGA monitor with the VGA cable
5	HDMI	Connect a HDMI monitor with the HDMI cable
6	USB Port	Connect a mouse/U disk with the USB cable
7	LAN Interface	Connect the network with the LAN cable
8	Power input	Power the DVR with the DC 12V cable
9	GND	DVR ground interface

3. Connection Diagram

3.1 Hard Disk Installation

Note:

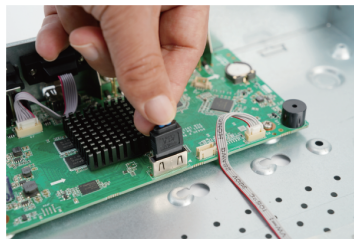
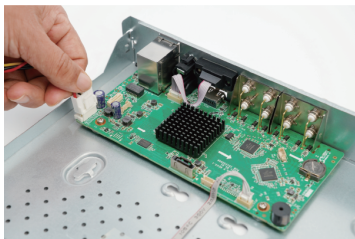
1. Hard Disk installation is needed for recording and video playback, otherwise, you can only preview.
2. Please skip this step if your device already has a hard disk installed.
3. Before installation, please make sure the power is disconnected from the device.

Steps:

1. Remove the cover from the device by unfastening the screws on the back and side.
2. Get the hard disk's power cable and data cable from the package, and prepare a hard disk and hard disk screws.



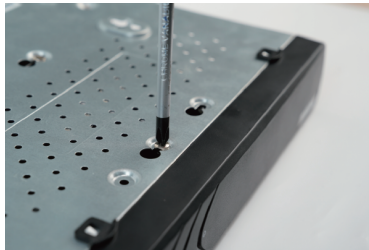
3. Connect one end of the power cable and data cable to the DVR's motherboard.



4. Connect another end of the power cable and data cable to the hard disk.



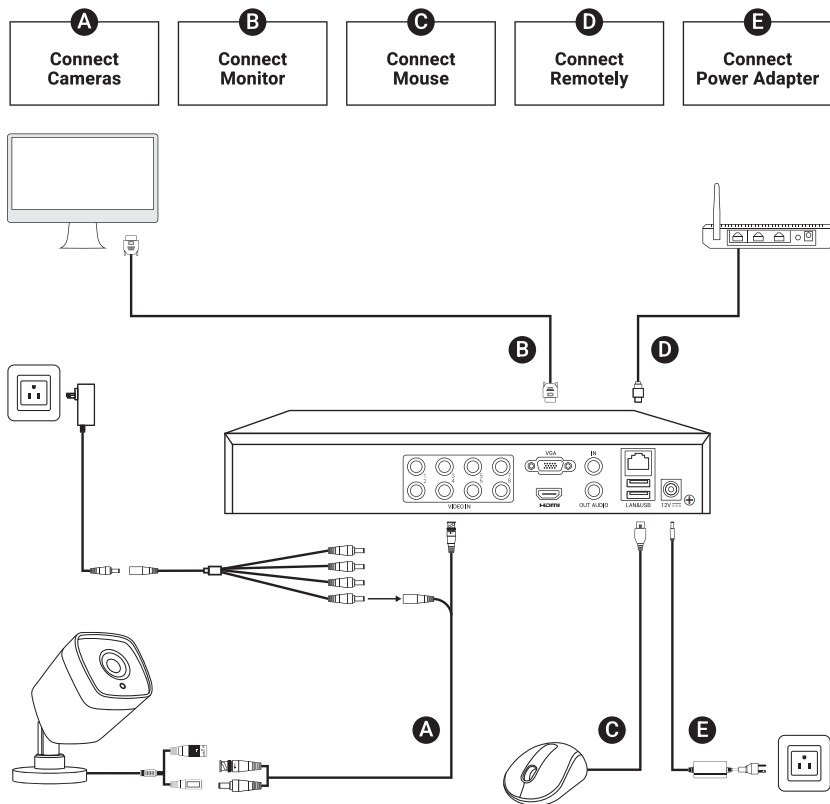
5. Place the hard disk on the bottom of the device, and then fasten the screws on the bottom to fix the hard disk.



6. Re-install the cover of the device and fasten the screws.

3.2 DVR Connection

To make sure the DVR works properly, please connect every part and run the system before the final installation.



4. Set up the DVR

4.1 Activating Your Device (A Must)

Operation is prohibited before activating the device by setting an admin password. You can activate the device via Web Browser, SADP or client software.

1. Please choose the language you need. The default language is English.
2. Create a password and confirm it.
3. Click OK and enter an email address as a security email.

Note: Please set a strong password and keep it well. Password is viewable by clicking the small eye icon.

Activation

User Name

admin

*Password

*Confirm Password

Password Hint

When you forget your password, the hint will help you remember. It is recommended to set the hint.

Unlock Pattern

☐



We highly recommend you create a strong password of your own (using a minimum of 8 characters, including capitalized letters, lowercase letters, numbers, and special characters) in order to increase the security level. And we recommend resetting your password regularly, especially in the high-security system as resetting the password monthly or weekly can better protect your privacy.

4.2 Setting Unlock Pattern (Optional)

After activating your device, you can set an unlock pattern to log in instead of typing the password. Draw the unlock pattern by connecting at least 4 dots twice to confirm.

Unlock Pattern


admin

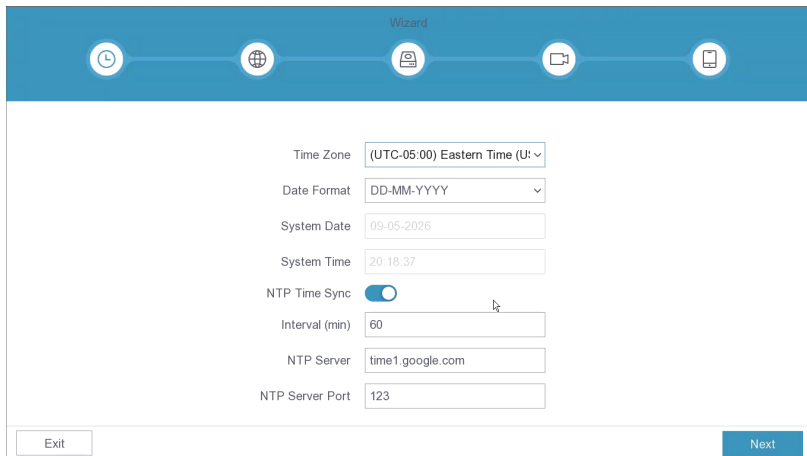
Draw pattern again to confirm.

Close

4.3 Using the Setup Wizard

4.3.1 General Setup

A setup wizard will guide you through the DVR system configuration process. Please follow the wizard to configure the system's time zone, date, and time as you need. Then click next.



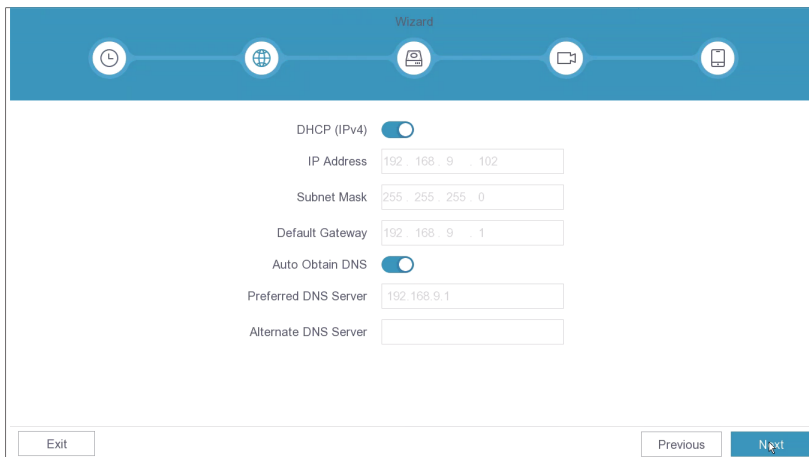
The screenshot shows the 'General Setup' screen of a Setup Wizard. At the top, a blue header bar contains the word 'Wizard' and five circular icons representing different setup steps: a clock, a globe, a document with a checkmark, a monitor, and a document. The third icon, representing the current step, is highlighted. Below the header, the 'Time Zone' is set to '(UTC-05:00) Eastern Time (U.S. & Canada)'. The 'Date Format' is 'DD-MM-YYYY'. The 'System Date' is '09-05-2026' and the 'System Time' is '20:18:37'. The 'NTP Time Sync' toggle is turned on. The 'Interval (min)' is '60'. The 'NTP Server' is 'time1.google.com' and the 'NTP Server Port' is '123'. At the bottom, there are 'Exit' and 'Next' buttons.

Time Zone	(UTC-05:00) Eastern Time (U.S. & Canada)
Date Format	DD-MM-YYYY
System Date	09-05-2026
System Time	20:18:37
NTP Time Sync	☒
Interval (min)	60
NTP Server	time1.google.com
NTP Server Port	123

[Exit](#) [Next](#)

4.3.2 Configure the IP Address

This DVR can work without a network. A network connection is needed if you need a remote control, which means the IP address and DNS server must be correctly obtained.



The screenshot shows a 'Wizard' window for configuring network settings. At the top, a blue header bar contains five circular icons representing different steps: a clock, a globe, a document with a checkmark, a monitor, and a document. The third icon, representing the current step, is highlighted. Below the header, the 'DHCP (IPv4)' option is selected with a blue toggle switch. The 'IP Address' field is populated with '192.168.9.102'. The 'Subnet Mask' field is populated with '255.255.255.0'. The 'Default Gateway' field is populated with '192.168.9.1'. The 'Auto Obtain DNS' option is also selected with a blue toggle switch. The 'Preferred DNS Server' field is populated with '192.168.9.1', and the 'Alternate DNS Server' field is empty. At the bottom of the window, there are three buttons: 'Exit', 'Previous', and 'Next'. The 'Next' button is highlighted in blue.

Wizard

DHCP (IPv4) ☒

IP Address 192.168.9.102

Subnet Mask 255.255.255.0

Default Gateway 192.168.9.1

Auto Obtain DNS ☒

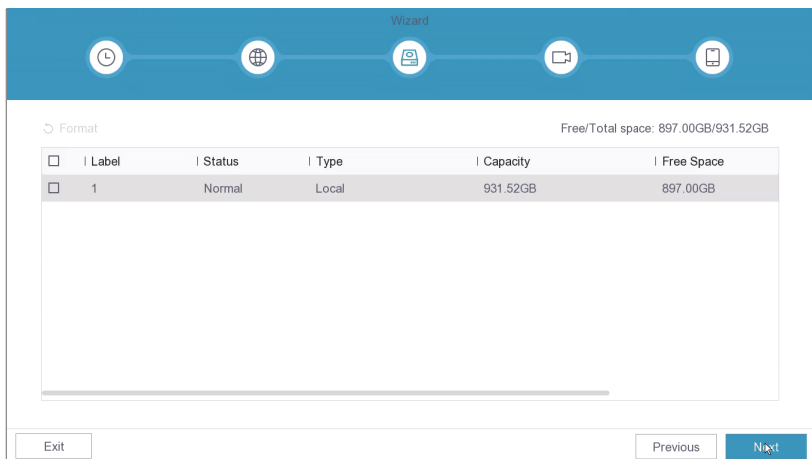
Preferred DNS Server 192.168.9.1

Alternate DNS Server

Exit Previous Next

4.3.3 Set the hard disk

Newly installed hard disk needs to be formatted before the first use. Choose the target hard disk and click **"Format"**, then the status will show **"Normal"**. If the DVR has a preinstalled hard disk, click **"Next"** to ignore this step.



4.3.4 Add IP camera if you need

If your IP camera supports Onvif/IPCAM protocol and is in the same LAN as the DVR, the IP camera will automatically appear on the list. Select the IP camera and click **“Add”**.

Wizard

> Added Device List

Online Device List

Free bandwidth: 96Mbps

+ Add + Add All | ♀ Activate

○ Refresh ⚙ Advanced Search

☐	No. ⌵	IP Address ⌵	Status	Operation	Protocol	Management Port	Device Model
☐	1	192.168.254.10	✔		IPCAM	8000	DS-2CD1343G2-IUF

Exit

Previous

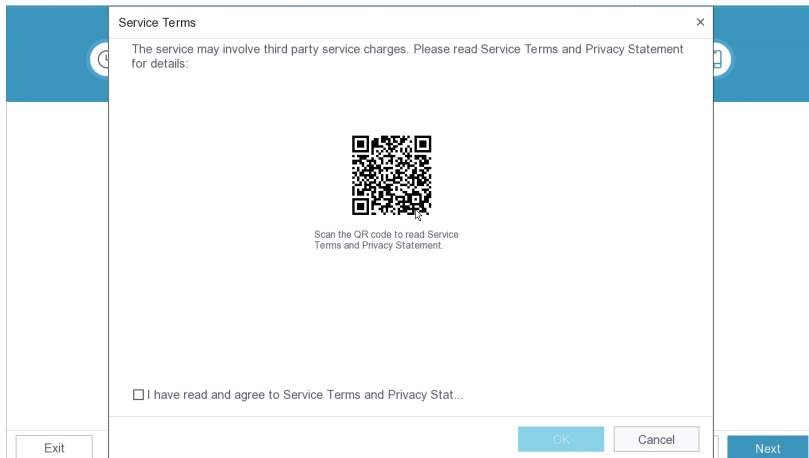
Next

4.3.5 Download and use ANNKE Vision app.

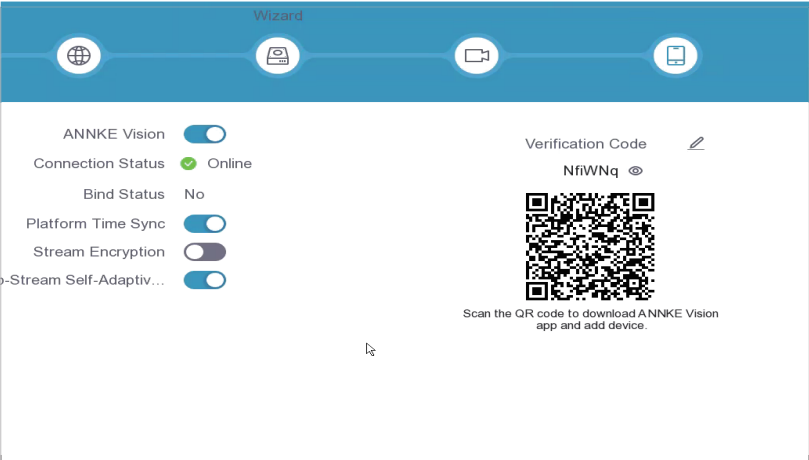
Skip this step if you don't need the remote control.

Enable the "**ANNKE VISION**" function, if you need the remote control. Or you can set it later in **Main Menu > System > Network > Advanced > Platform Access**.

Then agree to the service terms and privacy statement in the pop-up window. Manually create your verification code which consists of 6 to 12 digits or letters (ABCDEF is not allowed). And click "**OK**".



You can scan the QR code (for Android & iPhone) to download the ANNKE Vision app, then follow the APP prompt to scan the device's SN QR code step by step. The device can be successfully added only if the **"Connection status"** is online. Click **"Finish"**.



4.3.6 Configure the Password Resetting Method

In order to help you reset your password when you forget the password of DVR, we highly recommend you to enter the information below,then click **"Finish"**.

Password Resetting Method

In order to help you reset your password, we highly recommend you to enter the information below.

Email

Reserved Email

Security Question

Question 1

1. Your father's name.

Answer 1

Question 2

2. Your mother's name.

Answer 2

Question 3

3. Your senior class teacher's name.

Answer 3

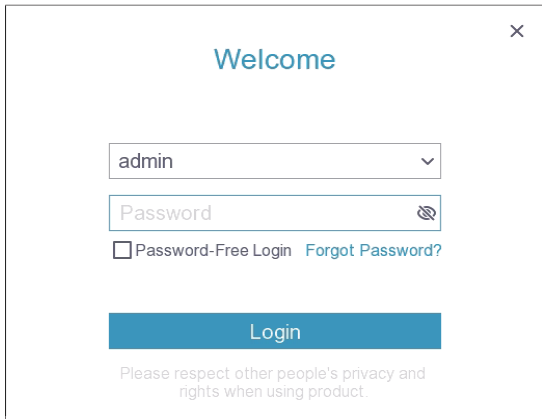
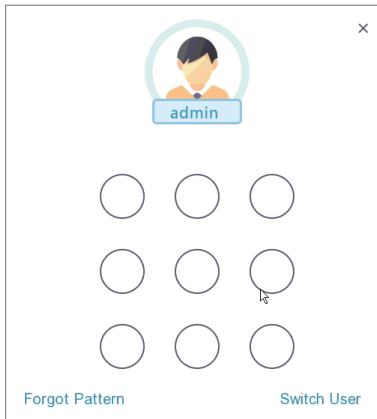
Finish

- 15 -

4.4 Login and Logout

User Login

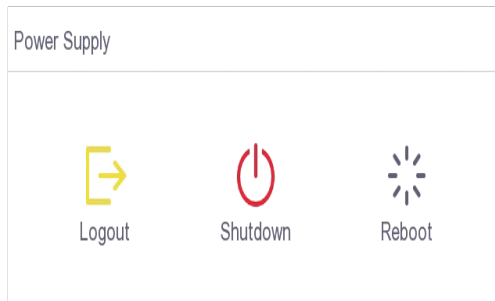
Login by drawing the unlock pattern(4.2) or inputting the password.



Note: If you enter the wrong password 7 times, the current user account will be locked for 60 seconds.

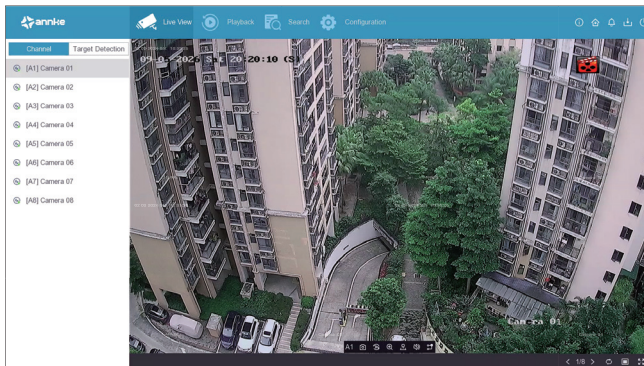
User Logout

For safety and privacy reasons, the device will automatically log out after 5 minutes(default) of no operation. **Click Menu > Shutdown**, and then click **"Logout"**.



4.5 Live View

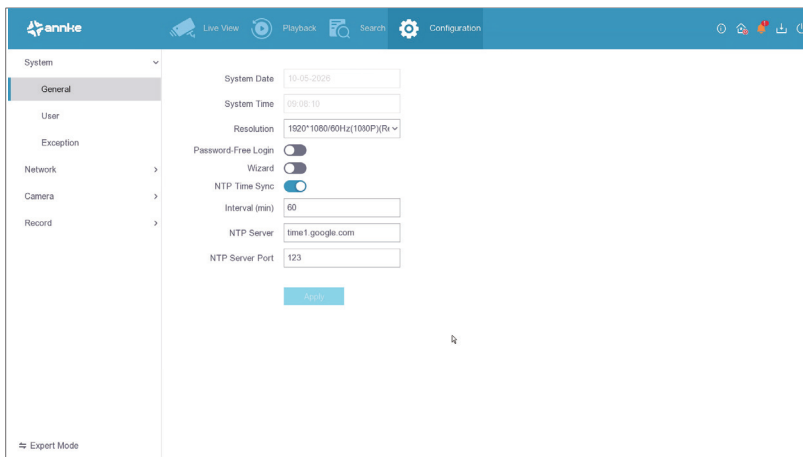
In the live view mode, the main functions' icons are at the top of the preview interface, and the record and alarm icons are at the right top of each channel.



Icon Explanation

Menu	Explanation	Menu	Explanation	Menu	Explanation
	Alarm or alarms		Live View		ANNKE Vision Service
	Recording		Playback		Digital Zoom
	Alarm & Recording		Search		PTZ Control
	Event/Exception		Configuration		Audio on
	Shut down		Maintenance		Stream

You can Modify the device's output resolution for a better display effect if your monitor support 1080P or higher resolution. Go to the **"Main Menu>Configuration>System>General"**, change the output resolution to 1920 * 1080/60HZ(1080P).



4.6 Playback

The recorded video files can be replayed in 3 modes: instant playback, normal playback, event playback.

Normal playback

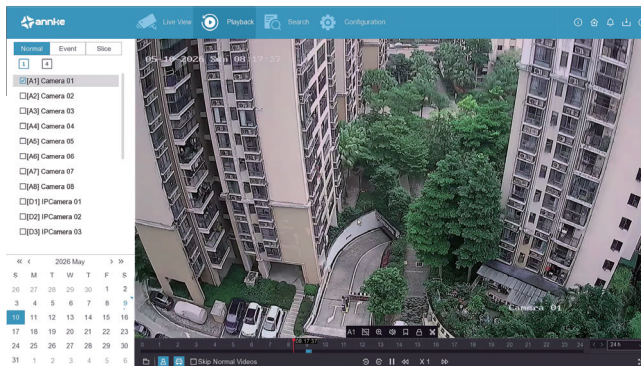
1. Click **Menu > Playback**, and enter the playback interface.
2. Select camera channels you want to playback on the Channel list.
3. Select the exact date in the calendar (the date will be highlighted in blue on the calendar if that day has recordings), and it'll search the recordings and play it automatically.
4. Use the toolbar in the bottom progress to control playing progress.

Event playback

In the event playback mode, the device can analyze the video containing event alarm information, mark it in red color and play the event playback video.

The event playback must be in the single-channel playing mode.

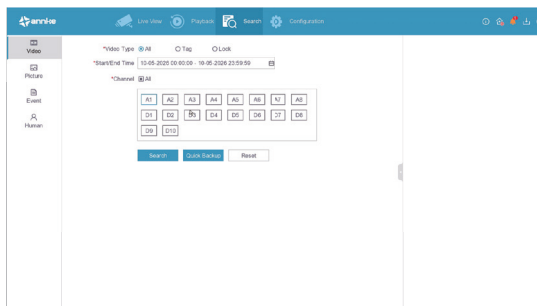
1. Go to playback.
2. Click Event.
3. Click the channel you want to playback.



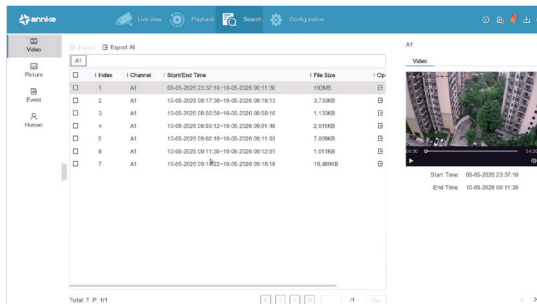
4.7 Backup

If you want to backup some recording files, you can insert a backup device into the USB interface of the DVR, then go to search menu to get the right files. You can search the camera's recording video, picture file, event file, human file as needed in the search menu.

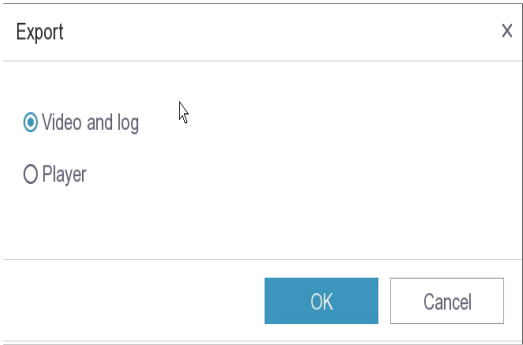
1. Specify detailed conditions, including search type, time, camera, etc. Click search to display results.
2. The matched files will be displayed, select the files you need and click export.



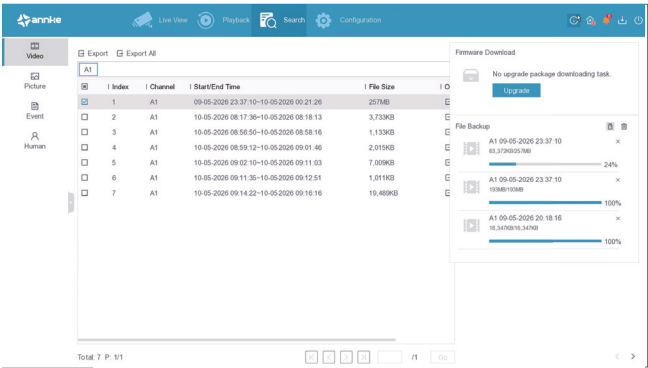
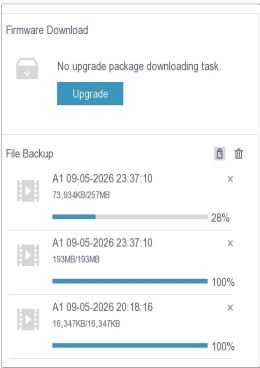
3. Select video and log, click OK to export files to a backup device, you can also backup the player.



4. The progress of the backup can be viewed in the upper right corner.

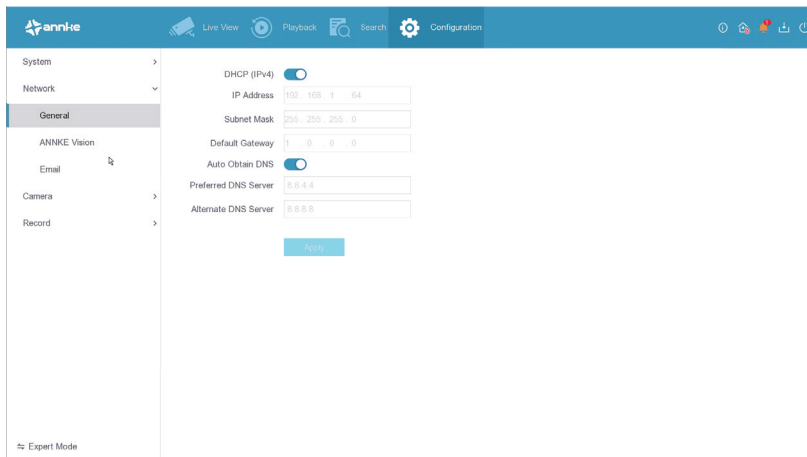


5. The backup progress can be viewed in the upper right corner.



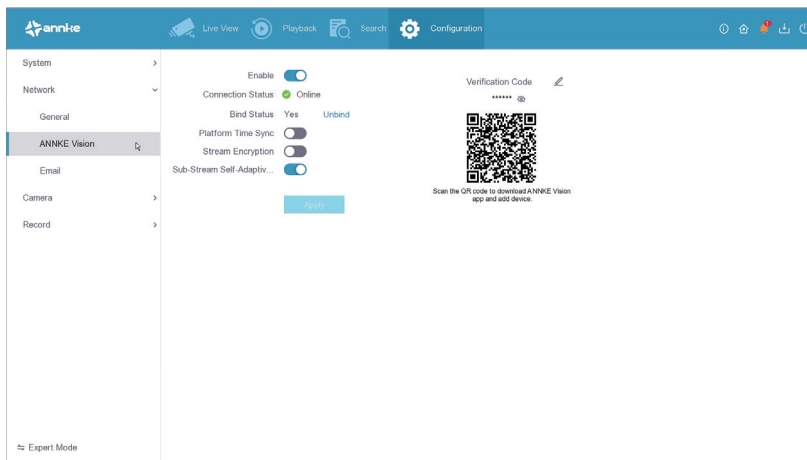
4.8 TCP/IP Settings

Network settings must be properly configured if you want to operate the DVR via the network. Make sure the DVR is connected to the router through a network cable and your home network is in good condition. Go to **Main Menu > System > Network > General**. The DHCP function of the device is enabled by default. It will automatically obtain an IP address from your router. Or you can disable the DHCP and set the device's IP parameters as desired.



4.9 ANNKE Vision App Setting

If you need remote viewing, go to **Main Menu > System > Network > ANNKE Vision**, enable the **"ANNKE Vision"** function and create a verification code, make sure that the status of P2P shows **"Online"**, which means your network status is in good condition, then you can watch the video on your mobile phone or PC.



Notes:

- A. The device can be added by your only app account. But you can share the live view with other APP accounts.
- B. If you want to unbind the device from your app account, please click the **"Unbind"** button, or delete the device from your app account.
- C. If the P2P status shows "Offline", please go to **Main Menu > System > Network > General**, then check the network parameters are correctly acquired and the DNS field is filled in right.

4.10 Email Setting

The email function can be configured to send an email notification to all designated receivers if an alarm event is detected, e.g. motion detection event, video loss, video tampering, etc. Configure the following Email settings and click Apply button to save the settings.

[Enable Server Authentication]: Check the checkbox to enable server authentication.

[Email Address]: The user account of the sender's Email for SMTP server authentication.

[Email Password]: The third-party client authorization code of the sender's Email for SMTP server authentication.

[SMTP Mode]: General, or custom.

[SMTP Server]: The SMTP Server IP address or hostname.

[SMTP Port]: The SMTP port. The port used for Gmail is 587, and it can be 25, 465, or other ports for different SMTP servers.

[Enable SSL/TLS]: Click the checkbox to enable SSL/TLS.

[Sender]: The name of the email sender.

[Sender's Address]: The sender's email address.

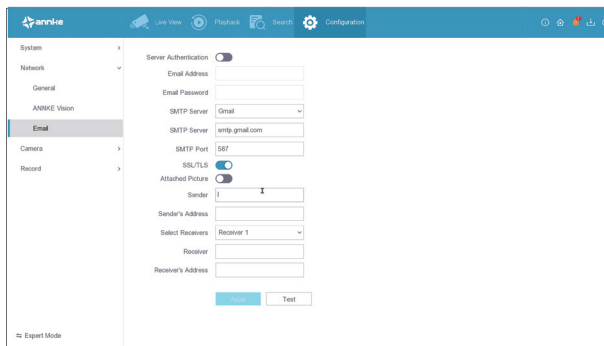
[Select Receivers]: Up to 3 receivers can be configured.

[Receiver]: The name of the user to be notified.

[Receiver's Address]: The Email address of the user to be notified.

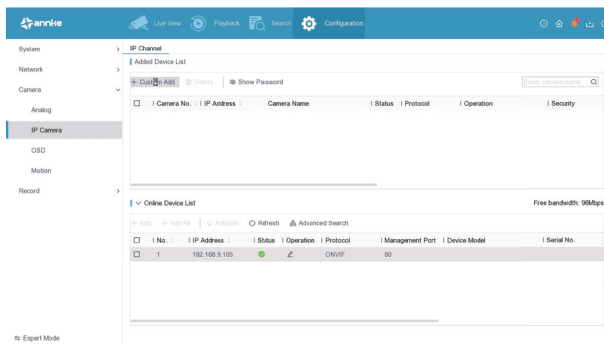
[Enable Attached Pictures]: Check the checkbox of Enable Attached Picture if you want to send an email with attached alarm images.

[Interval]: Time interval between the attached pictures.



4.11 Adding IP Cameras

This 8-channel DVR can connect 2 IP Cameras at up to 6MP resolution which should support either ANNKE private protocol or Onvif protocol. If the resolution of the IP camera exceeds 6MP, you can degrade the resolution. IP camera and DVR must be in the same network. 1. Go to **Main Menu > Camera > Camera > IP Camera**. The online cameras with the same network segment will be displayed in the camera list.



2. Click the **"Custom Add"** to enter the following interface, select the online device to add from the IP address list, enter the correct IP camera parameters, and click **"OK"** to complete the addition.

The screenshot shows the 'Add IP Camera (Custom)' dialog box. It contains the following fields and options:

- IP Channel:** A dropdown menu with 'Add New' and 'Custom Add' options.
- Table:** A table with columns: No., IP Address, Status, Protocol, Management Port, and Dev. It contains one entry: No. 1, IP Address 192.168.9.105, Status (green dot), Protocol ONVIF, Management Port 80.
- Form Fields:**
 - IP Camera Address: 192.168.9.105
 - Channel No.: 1
 - Protocol: ONVIF
 - Management Port: 80
 - Transfer Protocol: Auto
 - User Name: admin
 - Camera Password: (empty)
 - Use Camera Activation: (checkbox, checked)
- Buttons:** Add More, OK, Cancel.

4.12 Recording Settings

DVR can record videos after installing and formatting a hard disk. The default recording mode is 7*24 continuous recording. You can set a specific recording period for each channel according to your needs.

1. Go to **Main Menu > Configuration > Record > Schedule > Record**, enter into the interface like below.

The screenshot shows the 'Record' settings interface. It includes the following elements:

- Camera No.:** A dropdown menu set to 'All Camera 01'.
- Enable:** A checkbox that is checked.
- Recording Mode:** Radio buttons for 'Continuous' (selected), 'Event', and 'Clear'.
- Schedule Grid:** A grid showing recording schedules for each day of the week (Mon-Sun) and each hour of the day (0-24). The grid shows a continuous recording schedule for all cameras.
- Buttons:** Copy to.

Different recording types are marked in different color icons.

[Continuous]: Continuous recording.

[Event]: Recording triggered by events.

[None]: No recording.

Please do the steps below if you want to set the scheduled recording.

2. Choose the camera on the drop-down list.

3. Check the **“Enable Schedule”**.

4. Configure the record schedule and draw the schedule.

(1) Select your preferred recording type.

(2) Click and drag the mouse on the schedule.

(3) Click outside the schedule table to finish and exit the drawing.

You can repeat steps 2-4 to set schedules for other camera channels or click **“Copy to”** to paste your recording schedule to other camera channels.

5. Click **“Apply”** to save the settings.

4.13 Alarm Settings

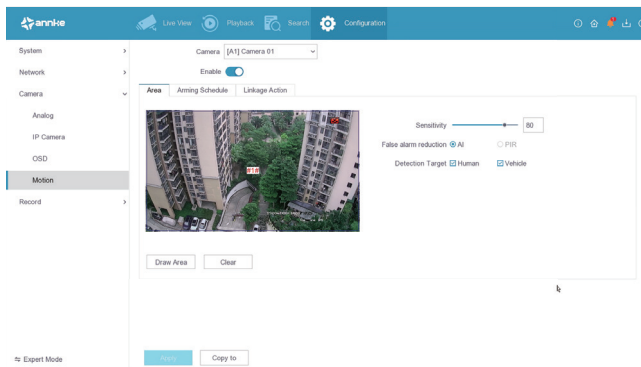
This DVR has deep-learning algorithms that help you take security to the next level with accurate, real-time threat detection that distinguishes people and vehicles from other targets, and this AI technology applies labels to recorded video footage with people and vehicles, speeding up video searching, minimizing manual efforts, and reducing overall security costs.

Motion detection has been enabled by default, no additional operation is required. If you have custom setting needs, you can modify the default settings.

1. Go to **Menu > Configuration > Camera > Motion Detection**.

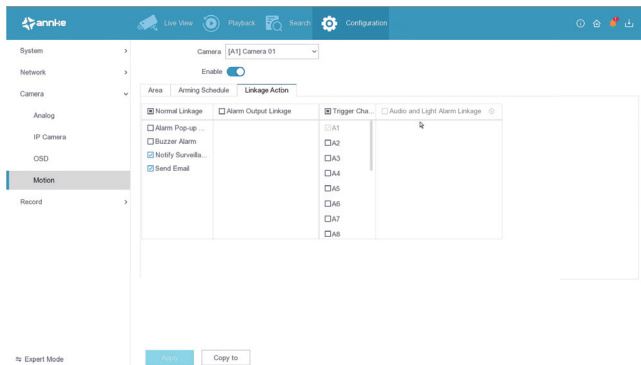
2. Select the camera to configure the motion detection.

3. Draw the detection area you prefer. The default setting is full area. Adjust the sensitivity, choose **“Target Detection”**, and you can also choose **“False Alarm Filter”** if your camera support PIR.



4. Click **"Arming Schedule"** to set the channel's arming schedule. The default setting is a full day.

5. Click **"Linkage Action"** to set up alarm response actions of the motion alarm. **"Notify Surveillance Center"** means alarms will be pushed to your ANNKE Vision app. **"Send Email"** means sending email notifications to the default mailbox if the mailbox has been set. Both are checked by default. Choose trigger alarm output if your camera supports light or audio alarms.





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