

ANNKE

HDCVI Series DVR

Quick operation manual



Version1.1.0

Important Safeguards and Warnings

1. Electrical safety

All installation and operation here should conform to your local electrical safety codes.

The product must be grounded to reduce the risk of electric shock.

We assume no liability or responsibility for all the fires or electrical shock caused by improper handling or installation.

2. Transportation security

Heavy stress, violent vibration or water splash are not allowed during transportation, storage and installation.

3. Installation

Keep upwards. Handle with care.

Do not apply power to the DVR before completing installation.

Do not place objects on the DVR.

4. Qualified engineers needed

All the examination and repair work should be done by the qualified service engineers.

We are not liable for any problems caused by unauthorized modifications or attempted repair.

5. Environment

The DVR should be installed in a cool, dry place away from direct sunlight, inflammable, explosive substances and etc.

This series product shall be transported, storage and used in the specified environments.

6. Accessories

Be sure to use all the accessories recommended by manufacturer.

Before installation, please open the package and check all the components are included.

Contact your local retailer ASAP if something is broken in your package.

7. Lithium battery

Improper battery use may result in fire, explosion, or personal injury!

When replace the battery, please make sure you are using the same model!

1. Features And Specifications

1.1 Overview

This series product is an excellent digital monitor product designed for security field. It adopts embedded Linux OS to maintain reliable operation. It is easy to use and can realize surveillance function after some simple setups. It has various functions such as record, playback, monitor at the same time and can guarantee audio video synchronization. This series product has advanced technology and strong network data transmission function.

This series device adopts embedded design to achieve high security and reliability. It can work in the local end, and at the same time, when connecting it to the professional surveillance software (VMS), it can connect to security network to realize strong network and remote monitor function. It can realize HD monitor without changing current cable layout.

This series product can be widely used in various areas such as banking, telecommunication, electric power, interrogation, transportation, intelligent resident zone, factory, warehouse, resources, and water conservancy.

1.2 Features

This series product has the following features:

- **Real-time monitor**

It has analog output port, VGA port and HD port. You can use monitor or display to realize surveillance function.

System supports VGA/HD output at the same time.

- **Storage function**

Special data format to guarantee data security and can avoid vicious data modification.

- **Compression format**

Support multiple-channel audio and video. An independent hardware decodes the audio and video signal from each channel to maintain video and audio synchronization.

- **Backup function**

Support backup operation via USB port (such as flash disk, portable HDD, burner).

Client-end user can download the file to local HDD to backup via network.

- **Record playback function**

Support each channel real-time record independently, and at the same time it can support search, forward play, network monitor, record search, download and etc.

Support various playback modes: slow play, fast play, backward play and frame by frame play.

Support time title overlay so that you can view event accurate occurred time

Support specified zone enlargement.

- **Network operation**

Support network remote real-time monitor, remote record search and remote PTZ control.

- **Alarm activation function**

Several relay alarm outputs to realize alarm activation and on-site light control.

The alarm input port and output has the protection circuit to guarantee device safety.

- **Communication port**

RS485 port can realize alarm input and PTZ control.

RS232 port can connect to keyboard to realize central control, and can also connect to PC COM to upgrade system and realize maintenance, and matrix control.

Standard Ethernet port can realize network access function.

- **PTZ control**

Support PTZ decoder via RS485.

Support various decode protocols to allow the PTZ to control the speed dome.

- **Intelligent operation**

Mouse operation function

In the menu, support copy and paste setup function

- **UPNP**

It is to establish the mapping relationship between the LAN and the WAN via the UPnP protocol.

2. Overview and Controls

2.1 HDD Installation

This series DVR has only one SATA HDD. Please use HDD of 7200rpm or higher.

You can refer to the User' s Manual for recommended HDD brand.

Please follow the instructions below to install hard disk.



①. Loosen the screws of the upper cover and side panel.



②. Fix four screws in the HDD (Turn just three rounds).



③. Place the HDD in accordance with the four holes in the bottom.



④. Turn the device upside down and then turn the screws in firmly.

in the chassis.



⑤. Fix the HDD firmly.



⑥. Connect the HDD cable and power cable.



⑦. Put the cover in accordance with the clip and then place the upper cover

back.

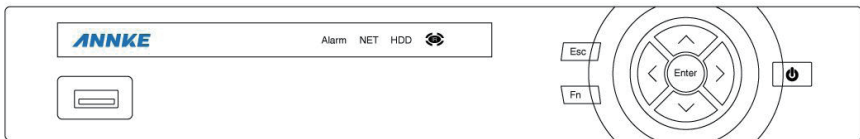


⑧. Secure the screws in the rear panel and the side panel.

Note:

- ※ You can connect the HDD data cable and the power cable first and then fix the HDD in the device.
- ※ Please pay attention to the front cover. It adopts the vertical sliding design. You need to push the clip first and then put down.

2.2 Front Panel



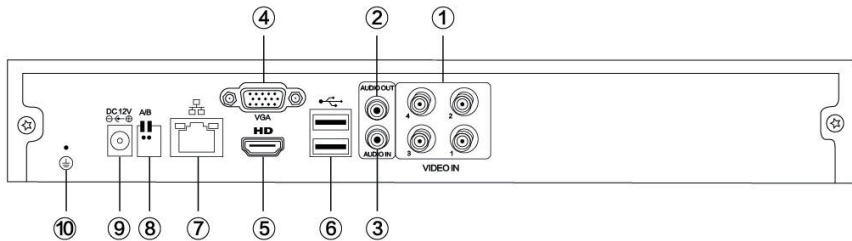
Please refer to the following sheet for front panel button information.

Name	Icon	Function
Power button		Power button, press this button for three seconds to boot up or shut down DVR.
Up		Activate current control, modify setup, and then move up and
Down		Increase/decrease numeral. Assistant function such as PTZ menu.
Left		Shift current activated control,
Right		When playback, click these buttons to control playback bar..
ESC	ESC	Go to previous menu, or cancel current operation. When playback, click it to restore real-time monitor mode.
Enter	ENTER	Confirm current operation Go to default button Go to menu
Assistant	Fn	One-window monitor mode, click this button to display assistant function: PTZ control and image color.
		Backspace function: in numeral control or text control, press it for 1.5seconds to delete the previous character before the cursor.
		In motion detection setup, working with Fn and direction keys to realize setup.
		In text mode, click it to switch between numeral, English character(small/capitalized) and etc.
		Realize other special functions.

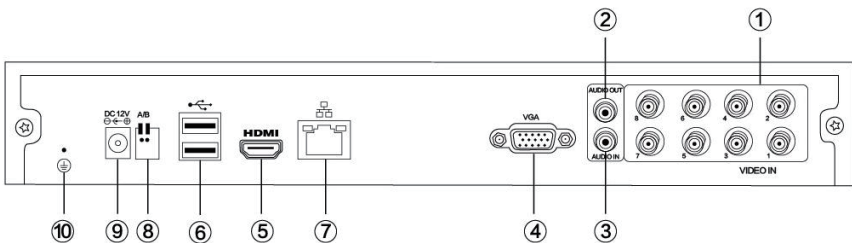
USB port		To connect USB storage device, USB mouse.
Network abnormal indication light	Net	Network error occurs or there is no network connection, the light becomes red to alert you.
HDD abnormal indication light	HDD	HDD error occurs or HDD capacity is below specified threshold value, the light becomes red to alert you.
IR Receiver	IR	It is to receive the signal from the remote control.

2.3 Rear Panel

The 4-channel series rear panel is shown as below



The 8-channel series rear panel is shown as below

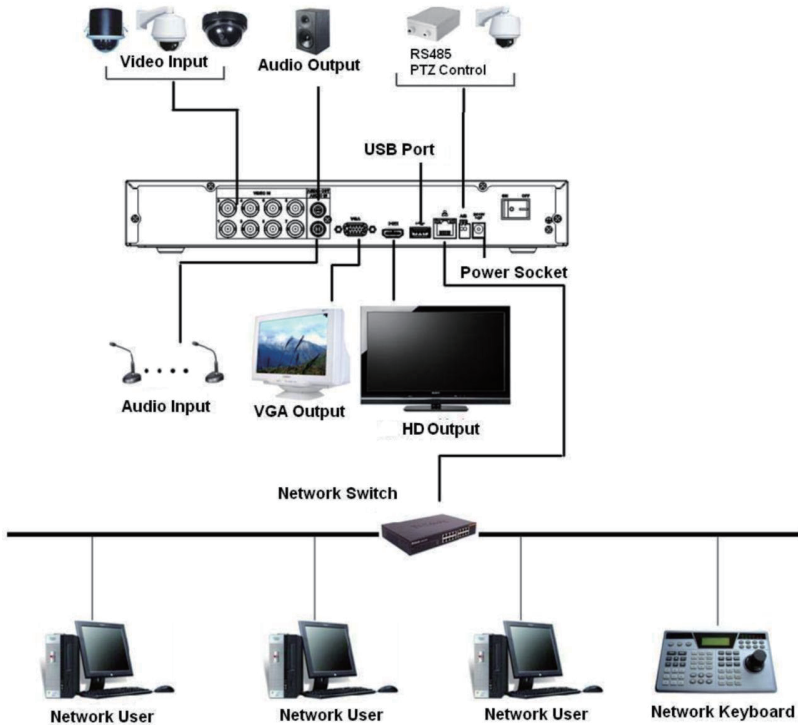


Please refer to the following sheet for detailed information.

SN	Name	SN	Name	SN	Name
1	Video input	2	Audio output	3	Audio input
4	Video VGA output	5	HD port	6	USB port
7	Network port	8	RS-485 input port	9	Power socket
10	GND port				

2.4 Connection Sample

Please note the following contents are based on our 1U 720P series product. For detailed operation instruction of other series products, please refer to the User' s Manual included in the resources CD. The following figure is based on the 8-channel product.



3. Overview of Navigation and Controls

3.1 Login

After the normal boot, click the left mouse button or press "Enter" on the remote control, pops up a "login" dialog, then type the user name and password and press the OK button.

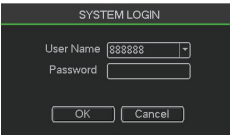
Username: admin. Password: admin. (administrator, local and network is admin)

Username: 888888. Password: NULL. (administrator, local only)

Username: 666666. Password: NULL(Lower authority user who can only monitor, playback,backup and etc.)

Username: default. Password: default (hidden user). Hidden user "default" is for system interior

use only and can not be deleted. When there is no login user, hidden user “default” automatically login. You can set some rights such as monitor for this user so that you can view some channel view without login.



Note:

- ※ For security reason, please modify password after you first login.
- ※ Within 30 minutes, three times login failure will result in system alarm and five times login failure will result in account lock!

3.2 Menu Operation

On the preview interface, right click mouse, you can view menu interface shown as in Figure Tips. After you go to the corresponding interface, right click mouse to go back to the upper-level.

3.3 Channel Status

1		Recording status	3		Video loss
2		Motion detection	4		Camera lock

※

- Main
- PTZ
- Color Setting
- PlayBack
- Record
- Remote Device
- Alarm Output
- Shutdown
- View 1
- View 4
- View 8
- View 9

Tips :

- ※ Preview drag: If you want to change position of channel 1 and channel 4 when you are previewing, you can left click mouse in the channel 1 and then drag to channel 4, release mouse you can switch channel 1 and channel 4 positions.
- ※ Use mouse middle button to control window split: You can use mouse middle button to switch window split amount.

4. WEB OPERATION

Slightly difference may be found in the interface due to different series.

4.1 Network Connection

Before web client operation, please check the following items

Network connection is right.

DVR and PC network setup is right. Please refer to network setup(main menu->Setting->Network)

Use order ping *.*.*.*.*.*.*.*.*(* DVR IP address) to check connection is OK or not. Usually the return TTL value should be less than 255.

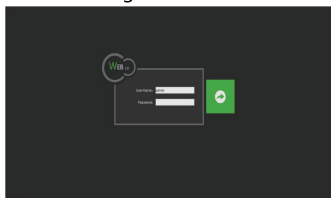
Current series product supports various browsers such as Safari, fire fox browser, Google browser.

Device supports multiple-channel monitor, PTZ control, DVR parameter setup on the Apple PC.

4.2 Login

Open IE and input DVR address in the address column. For example, if your DVR IP is 10.10.3.16, thenplease input http:// 10.10.3.16 in IE address column.

System pops up warning information to ask you whether install control or not. Please click Install button.See Figure

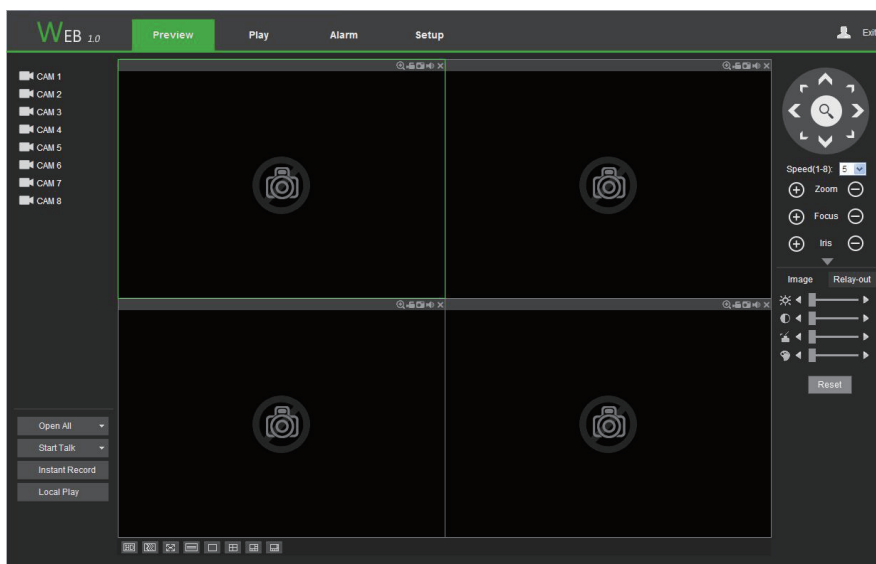


After installation, the interface is shown as below.

Please input your user name and password.

Default factory name is admin and password is admin.

Note: For security reasons, please modify your password after you first login.



5. Professional Surveillance System

Besides Web, you can use our Professional Surveillance Software (VMS) to login the device. For detailed information, please refer to VMS user's manual.

6. Appendix H Toxic or Hazardous Materials or Elements

Component Name	Toxic or Hazardous Materials or Elements					
	Pb	Hg	Cd	Cr VI	PBB	PBDE
Sheet Metal(Case)	○	○	○	○	○	○
Plastic Parts (Panel)	○	○	○	○	○	○
Circuit Board	○	○	○	○	○	○
Fastener	○	○	○	○	○	○
Wire and Cable/Ac Adapter	○	○	○	○	○	○
Packing Material	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

Note :

①. "O" Indicates that the concentration of the hazardous substance in all homogeneous materials in the parts is below the relevant threshold of the SJ/T11363-2006 standard.

② "X" Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T11363-2006 standard. During the environmental-friendly use period (EFUP) period, the toxic or hazardous substance or elements contained in products will not leak or mutate so that the use of these (substances or elements) will not result in any severe environmental pollution, any bodily injury or damage to any assets. The consumer is not authorized to process such kind of substances or elements, please return to the corresponding local authorities to process according to your local government statutes

Note:

- ※ This manual is for reference only. Slight difference may be found in the user interface.
- ※ All the designs and software here are subject to change without prior written notice.
- ※ All trademarks and registered trademarks mentioned are the properties of their respective owners.
- ※ If there is any uncertainty or controversy, please refer to the final explanation of us.
- ※ Please visit our website or contact your local retailer for more information.

