

AHD DVR

USER MANUAL_V1.0



1.H.264 standalone 4CH/8CH/16CH/24CH/32CH AHD-DVR

Hard disk Installation

For the first use, please install the hard disk



① Remove the screws on both sides of shell



② extracted from the next cover up



③ connect hard disk and mother board



④ fix the screw of hard disk



⑤ close cover



⑥ install the screws on both sides of shell

2.Turn on

Plug the power supply and turn on the power supply switch. Power supply indicator light shining indicates turning on the video recorder. After the startup you will hear a beep. The default setting of video output is multiple-window output mode.

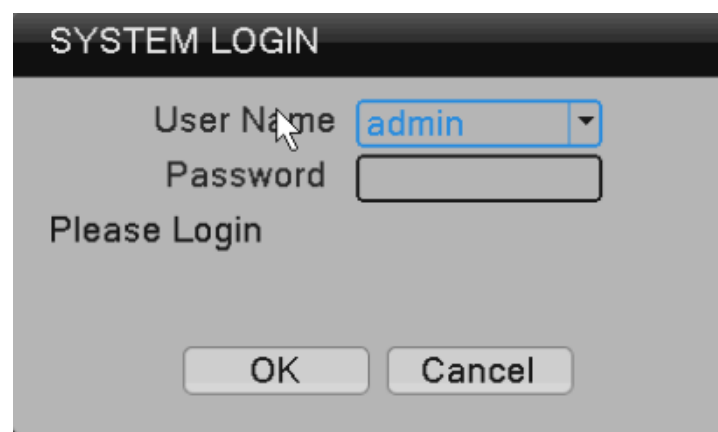
3.Turn off

There are two methods to turn off the DVR. Entering [main menu] and choosing [turn off] in the [turn off the system] option is called soft switch. Pressing the power supply switch is called hard switch.

Note: The setting information must be saved before replacing the battery otherwise information will lose.

4.Log in

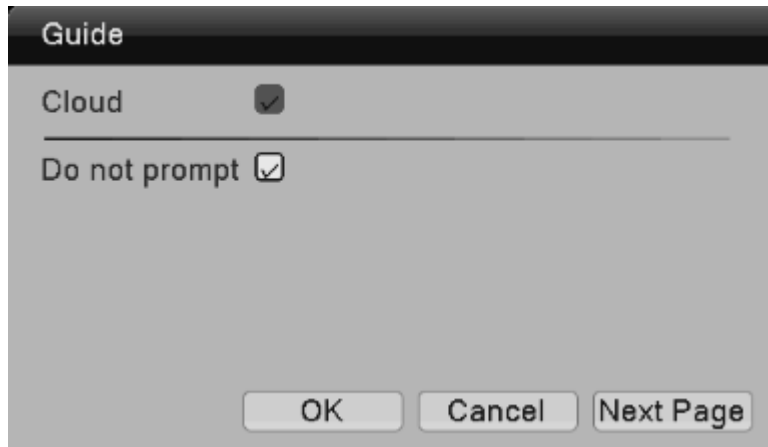
When the DVR boots up, the user must login and the system provides the corresponding functions with the user purview. There are two user settings. The names are admin and guest, and the corresponding passwords are both null. Admin is the super user purview and guest is the common user purview.



Password protection: If the password is continuous wrong seven times, it will alarm and the account will be locked.(After reboot or half an hour, the account will be unlocked automatically.)
For your system security, please modify your password after first login.

5.Guide

Follow the Guide to configure basic settings when first using.



Cloud: Enable Cloud service.

Do not prompt: Close Guide prompt, then when system reboot, it will no longer pop up.
Then Click "Next Page", enter into the interface for QR code scanning.



IOS: For IOS system app software downloading.

Android: For Android system app software downloading.

SN:Find the Device ID

After that, click "Next Page", enter into the interface for configuring network.

Guide->Network

Net Card: Wire Netcard ☐ DHCP Enable

IP Address: 192 . 168 . 1 . 102 Network Testing

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Primary DNS: 8 . 8 . 8 . 8

Secondary DNS: 8 . 8 . 4 . 4

TCP Port: 34567 MTU: 1500

HTTP Port: 80

HS Download: ☐

Transfer Policy: Quality Pref

Pre Page OK Cancel

[Net Card] Wire network card

[DHCP Enable] Obtain IP address automatically.

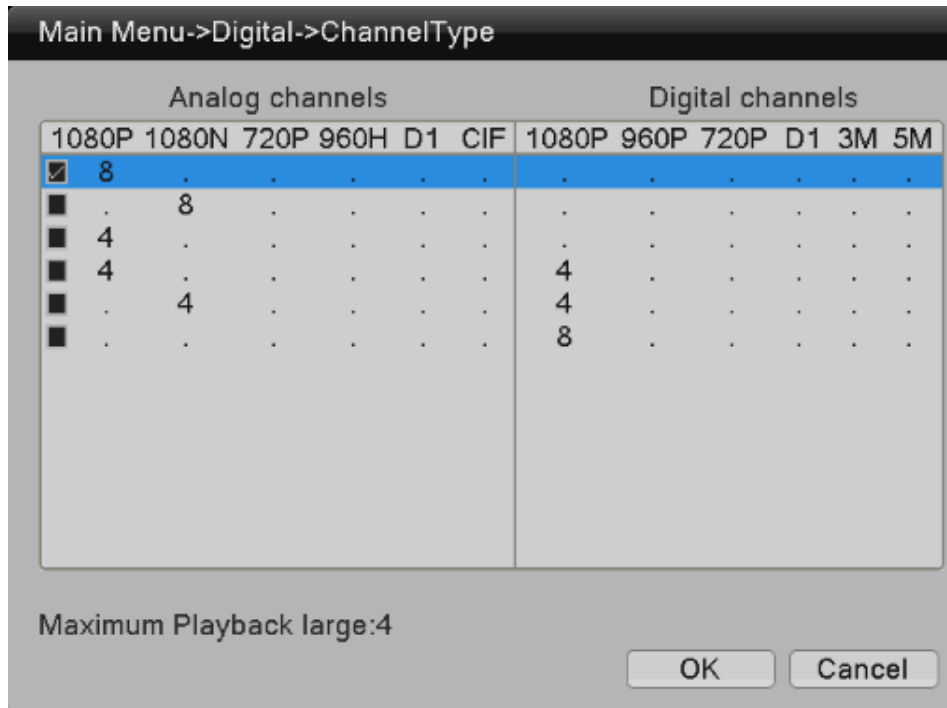
[IP Address] Set the IP address. Default: 192.168.1.18

[Subnet Mask] Set the subnet mask code. Default: 255.255.255.0

Make the equipment's IP address and the router in the same network segment. For example, the router IP address is 192.168.1.1, and the subnet mask is 255.255.255.0. According to the default setup, generally the default gateway is the router IP address, so enter IP address 192.168.1.18 in the IE browser to achieve visiting

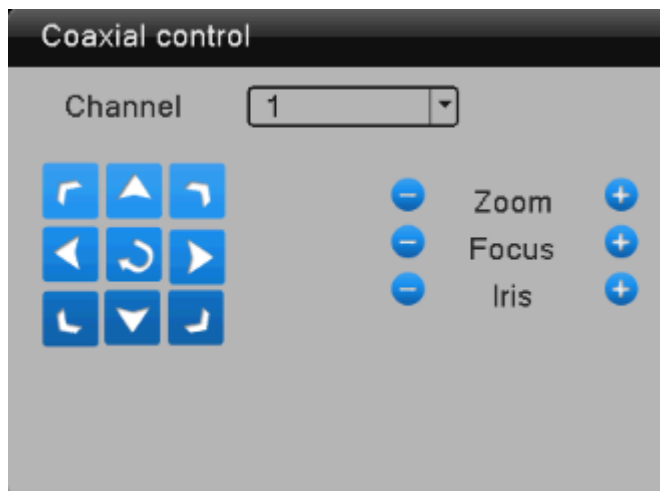
6.Product mode






AHD DVR support three kinds of modes. Full analog channels, analog channel + digital channels, full digital channels. You can choose one of them as you wish.



7.Coaxial control

Choose the channel which connect coaxial camera, and then right click to choose Coaxial control menu to enter.



Click  to enter into camera configuration interface . Use  or  to switch between the camera menu. Use  or  choose the specific parameters.

8.Encode

Our device take double code stream technology. Main stream is used for recording local. Extra stream is used for network transmission. So the local storage image high quality and the low bandwidth telecommunication are satisfied at the same time.

Main Menu->Encode

Channel	1	
Compression	H.264	Extra Stream
Resolution	720P(1280x	CIF(352x288
Frame Rate(FPS)	25	6
Bit Rate Type	VBR	VBR
Quality	high	low
Bit Rate(Kb/S)	2560	140
I Frame Interval	2	2
Video/Audio	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>

Advanced OK Cancel

Note: Different product different encode resolution options. Video/ audio both ticked to record files including video and audio.

9.Record

9.1 hard disk setting

Format when first log in By [main menu]>[Advanced]>[HDD Manage]. There is at least one read-write hard disk.

9.2 Record settings

Main Menu->Record

Channel	1	Redundancy	<input type="checkbox"/>
Length	60 min	PreRecord	5 Sec.
Mode	<input type="radio"/> Schedule <input type="radio"/> Manual <input type="radio"/> Stop		
Week	Mon	Regular	Detect Alarm
Period 1	00:00 - 24:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Period 2	00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Period 3	00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Period 4	00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Advanced OK Cancel

[Channel] Choose the corresponding channel number to set the channel. Choose the all option to set the entire channels.

[Redundancy] Choose the redundancy function option to implement the file double backup. Double backup is writing the video files in two hard disks. When you do the double backup, make sure that there are two hard disks installed. One is read-write disk and the other is redundant disk.

[Length] Set the time length of each video file. 60 minutes is default value.

[Prerecord] Record 5 seconds before the action. (time length is decided by the code stream)

[Mode] Set video state: Schedule, manual or stop.

Schedule: Record according to the set video type (regular, detect, alarm) and time section.

Manual: Record no matter the channel in any state.

Stop: Stop recording no matter the channel in any state.

[time section] Set the time section of regular recording, the recording will start only in the set range.

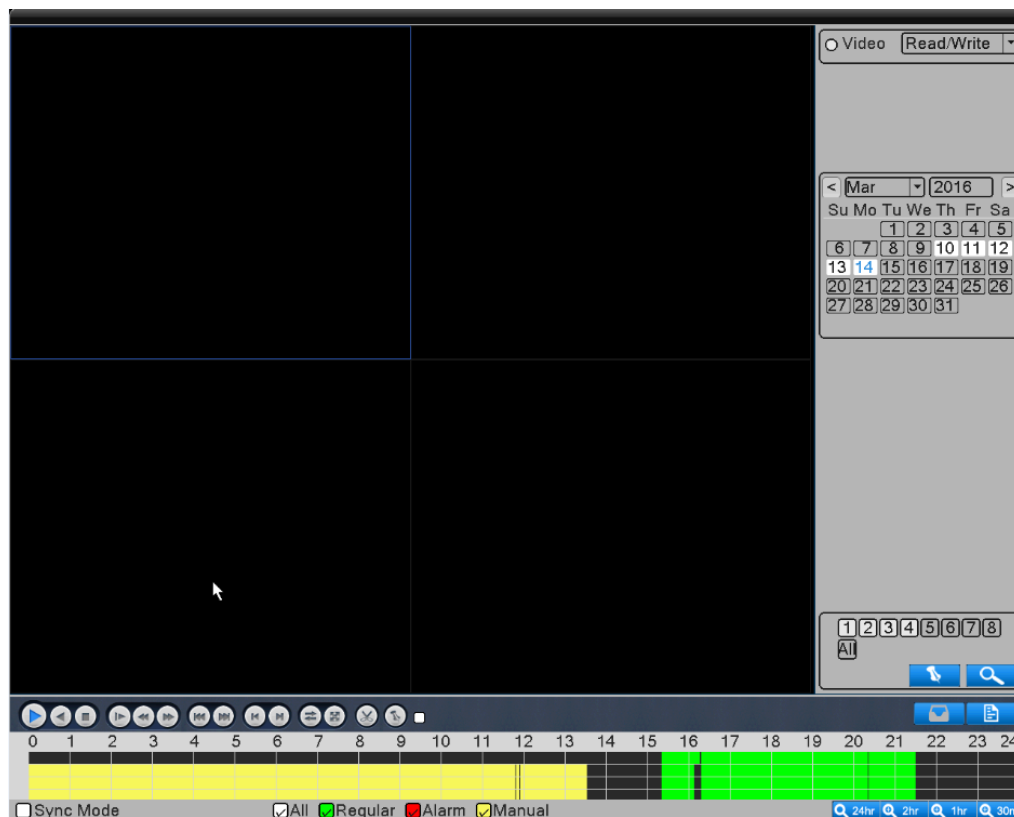
[recording type] set recording type.(regular,detect,alarm)



Regular: Perform the regular recording in the set time section. The video file type is “R” .

Detect: Trigger the “motion detect”, “camera mask” or “video loss” signal, when above alarm is set as opening recording, the “detection recording” state is on. The video file type is “M”

Alarm: Trigger the external alarm signal in the set time section, and the alarm is set as opening recording, the video file type is “A” .

9.3 Record query and playback



Record querying conditions include: file storing place, record time, record channel, record type (regular, alarm, manual). After chose the querying condition, click search button . If files exist, you can see the corresponding color displaying in the time column, Click file list button , you can see the files one by one displaying.

Double click the files you want to playback in the file list or click in the time column to playback.

Sync Mode: Enable sync mode, multiple channels playback at the same time.

Zoom in: Click left mouse to drag out an area, and then move mouse into the area, after that click to enlarge, double click left mouse to exit amplified state.

10. Alarm

Take motion detection as example

Motion detection setup include 2 parts.

Motion detection alarm setup (switch, sensitivity, detection region, disarm time interval time), it is how to setup to generate an alarm.

Motion detection Linkage setting(screen prompt, buzzer, alarm output, a round robin), some Motion detection Linkage setup need combine with other function(such as linkage videos recording, send Email), that is how to deal with when it is generate an alarm.

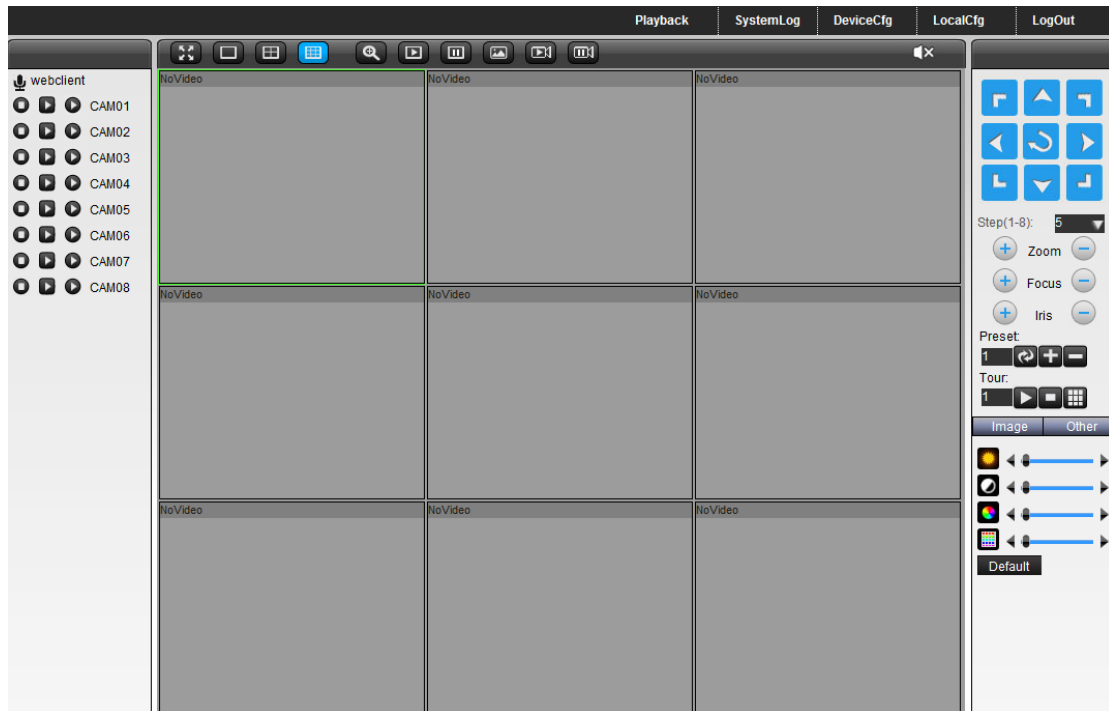
11. Local network access

After connect network, access device through IE browser

11.1 Open IE browser, enter device IP in address bar. For example: device IP is 192.168.1.18, then

enter <http://192.168.1.18> into the address bar to connect.

11.2 Enter user name and password, default user name is admin, no password. For safe reason, please modify the password. After log in successfully, it will pop up the monitoring interface as below.



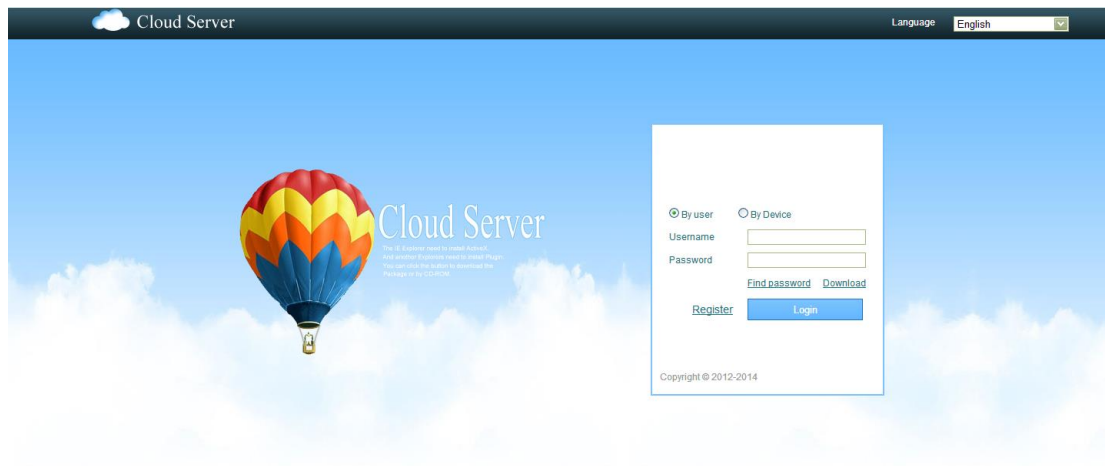
Note: when first log in, you need install ActiveX, IE default stop the ActiveX, so please go to <internet option>--<safe>--<custom level>--<ActiveX>, and enable all ActiveX.

12.Public network access

Cloud technology make access device in public network easily and conveniently.

12.1 Access by PC

Open IE browser, enter into <http://www.daeye.net> to log in Cloud service network website.



12.2 Access by mobile

Network environment: WIFI, 3G

Terminal system : Android, IOS

APP: XVR

Downloading place: google play, APP Store.