10.2-inch Combo Digital Video Recorder

Quick Start Guide

V 3.0.0

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Welcome

Thank you for purchasing our combo DVR!
This quick start guide will help you become familiar with our combo DVR in a very short time.
Here you can find hardware installation，cable connection information and general operations such as system setup, record, search, backup, alarm setup, PTZ operation, also here you can find web operation instruction.
Before installation and operation, please read the following safeguard and warning carefully!

Important Safeguards and Warnings

1．Electrical safety

All installation and operation here should conform to your local electrical safety codes.
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 combo DVR before completing installation.
Do not place objects on the combo 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

This series product working temperature ranges from -5℃ to 55℃.
The combo DVR should be installed in a cool, dry place away from direct sunlight, inflammable, explosive substances and etc.
Please unplug the power cable in case there is strong wind or lightning.

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. About the LCD

During the installation, do not push or squeeze the LCD or its rim; it may result in LCD damage.
During the operation or storage, please avoid the hard object to scuff the screen.
Please keep the LCD clean. Use the soft cloth to clean regularly. Do not use gasoline, alcohol or other chemical reagent to clean the screen.
Do not allow the LCD video standstill for a long time; it may result in permanent damage.

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 Hardware Installation and Connection

Note: All the installation and operations here should conform to your local electric safety rules.

1.1 Check Unpacked Combo DVR

When you receive the combo DVR from the forwarding agent, please check whether there is any visible damage. The protective materials used for the package of the combo DVR can protect most accidental clashes during transportation. Then you can open the box to check the accessories.

Please check the items in accordance with the list on the warranty card. Finally you can remove the protective film of the combo DVR.

Note

Remote control is not a standard accessory and it is not included in the accessory bag.

1.2 About Front Panel and Rear Panel

The model in the front panel is very important; please check according to your purchase order. The label in the rear panel is very important too. Usually we need you to represent the serial number when we provide the service after sales.

1.3 Device Installation

The series product supports two installation modes: desktop/ wall-mount. The default installation is the desktop type. Please refer to the following figure. See Figure 1-1.

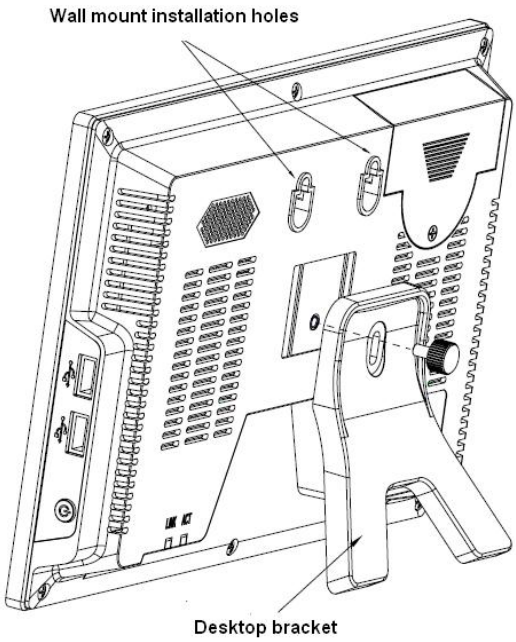


Figure 1-1

1.4 Data Cable Connection

You can refer to the following figure for cable connection. See Figure 1-2.
Please use the screwdriver to secure the data cable and the combo DVR cable socket. Please make sure it is firm otherwise it may result in network problem and etc. Then you can use the Ping command to test the network cable connection status. You need to check the cable connection if the request time is out.

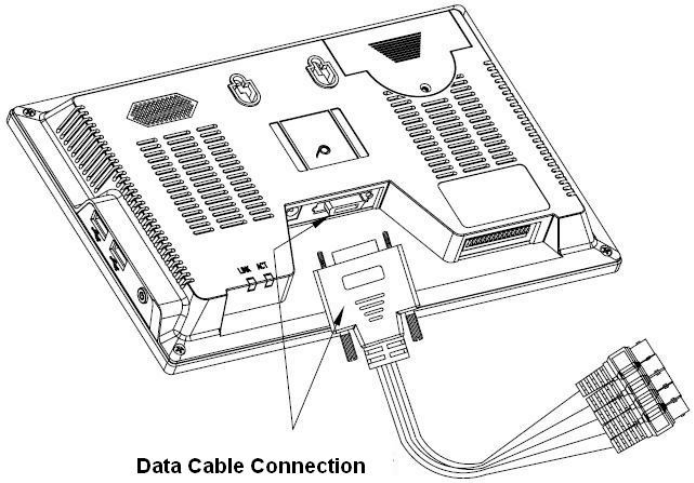
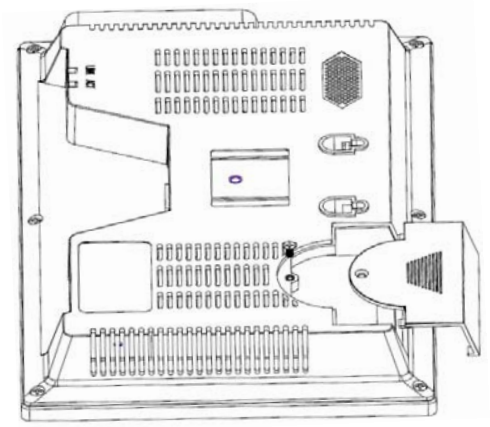
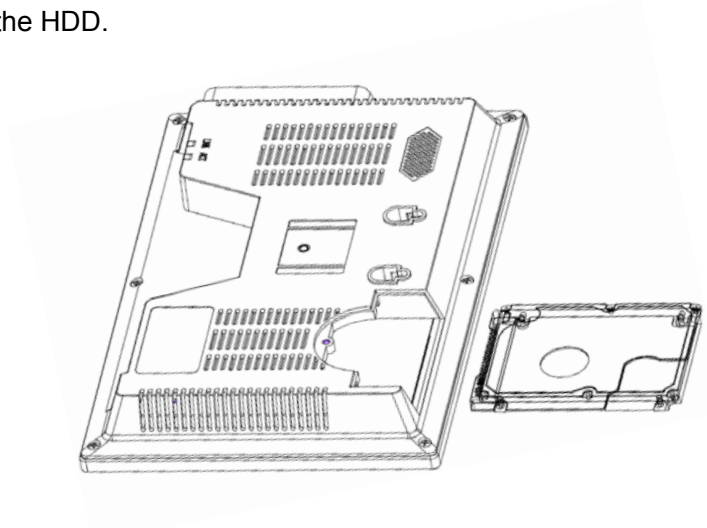


Figure 1-2

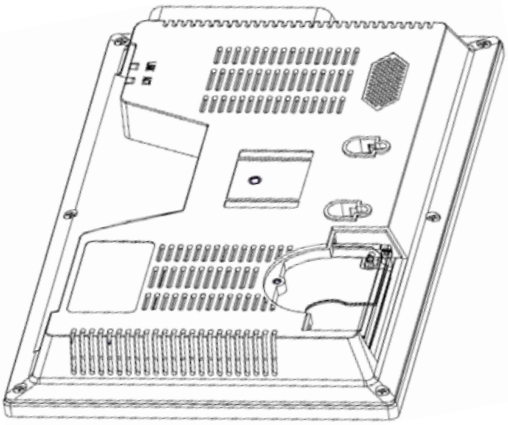
1.5 HDD Installation

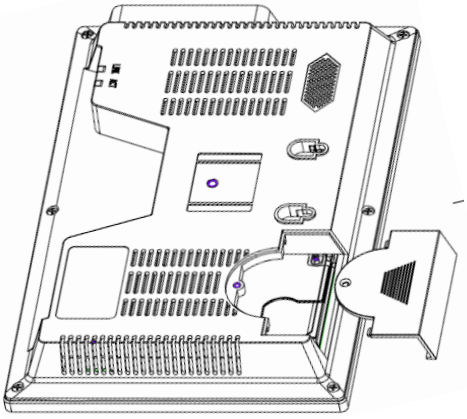
This series 10.2-inch combo DVR has only one 2.5-inch SATA HDD.
You can refer to the Appendix in the user's manual for recommended HDD brand. You can select the capacity as your requirement.
Please follow the instructions below to install the HDD.



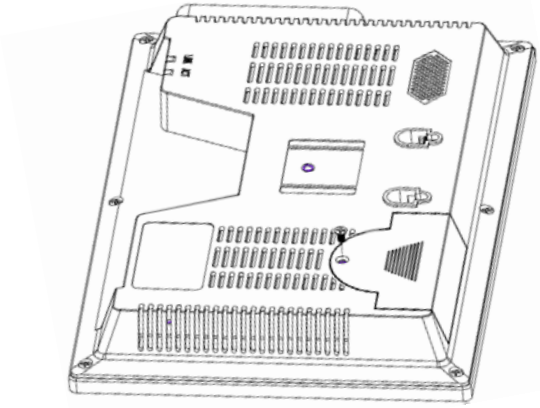


1. Turn the screw of the HDD cover and then remove the HDD cover	2. Line up the HDD to the HDD slot and then install





3. Fix the HDD	4. Install the HDD cover.



5. Secure the screw of the HDD cover.

Now the installation completed

1.6 Dimensions

You can refer to the following two figures for dimension information. The unit is mm. See Figure 1-3 and Figure 1-4.

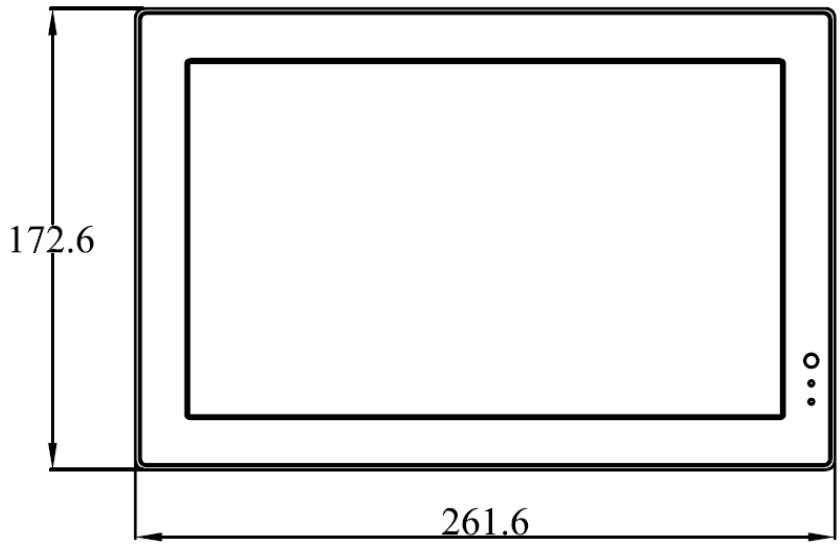


Figure 1-3

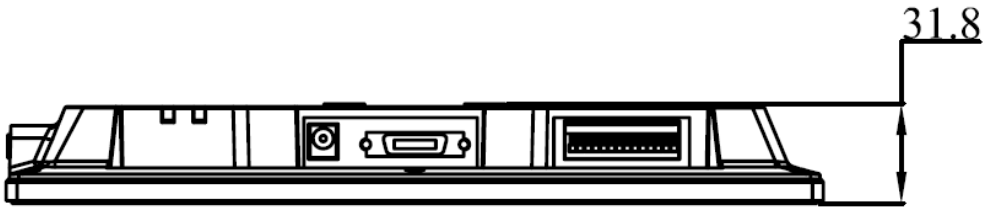


Figure 1-4

1.7 Front Panel, Side Panel and Rear Panel

The front panel and side panel is shown as in Figure 1-5.

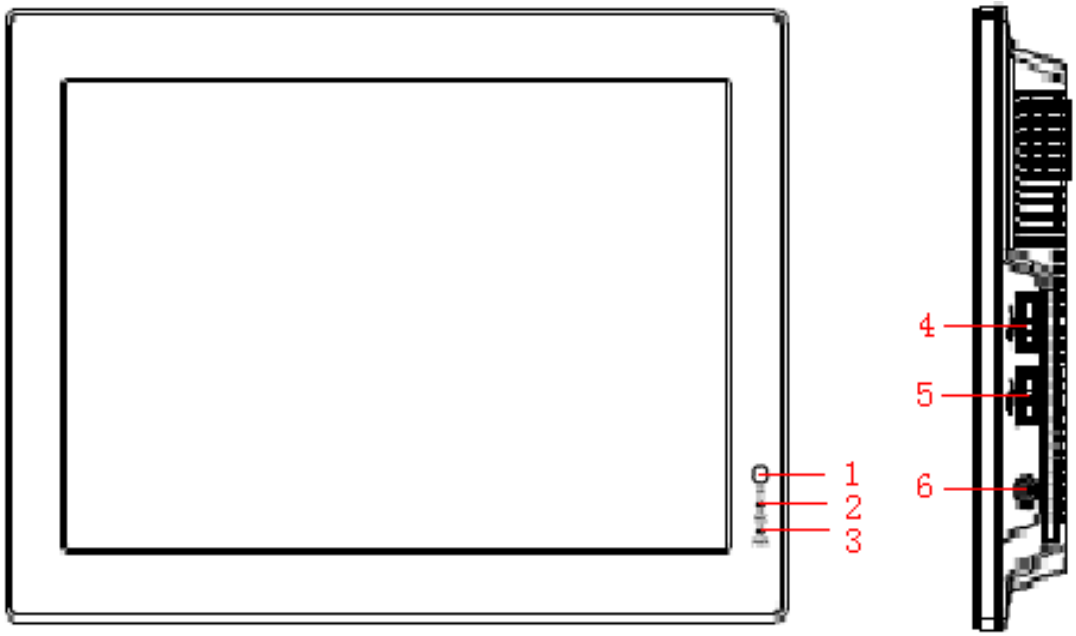


Figure 1-5

The rear panel is shown as below. See Figure 1-6.

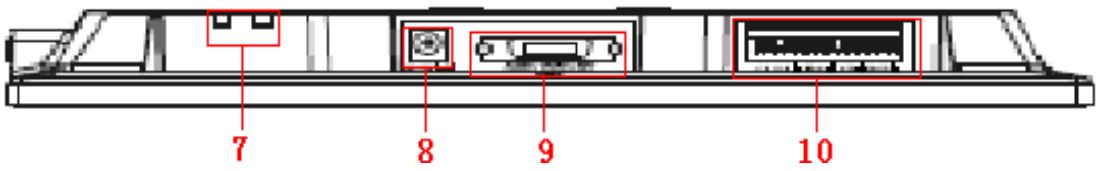


Figure 1-6

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

SN	Name	Function
1	Remote control signal receive window.	It is to receive the signal from the remote control.
2	HDD indication light	The light is on when systems is reading or write the HDD data.
3	Power indication light	The light is on when the device is connected to the power.
4/5	USB port	/
6	On/off button	When the device is off, press it for a long time to boot up the device.
		When the device is on press it for a long time to shut down the device.
		When the device is off, press it for a short time to close/open the screen.
7	Network status indication light	/
8	Power socket port	Connect to DC 12V power
9	Cable port	Video CVBS input, audio CVBS input, video CVBS output, audio CVBS output, RJ45 port.
10	Power socket	Alarm input, alarm output, RJ-45 port, RS-232 port.

1.8 Connection Sample

Please refer to Figure 1-7 for connection sample.

T The following figure is based on the 8-channel series product.

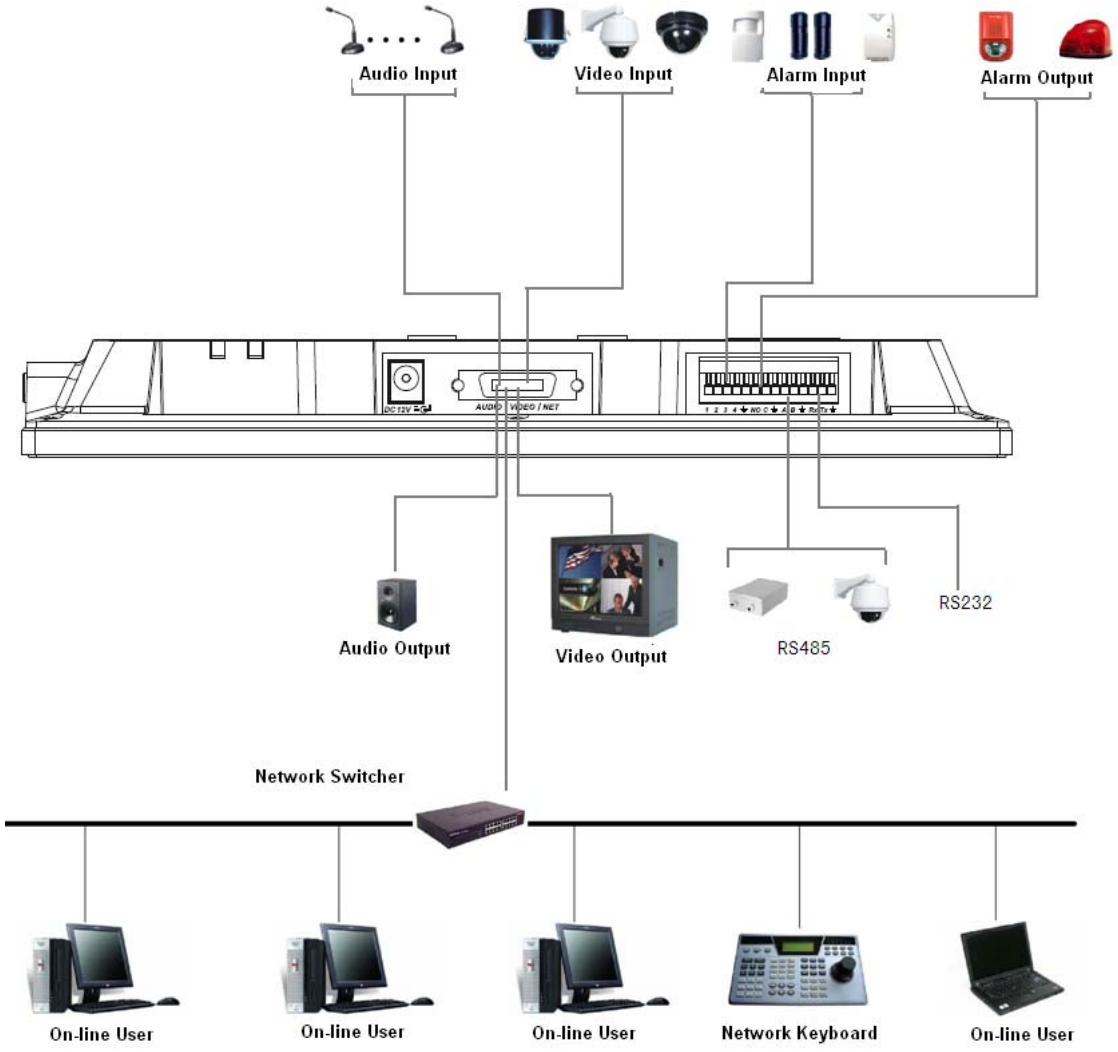


Figure 1-7

1.9 Alarm Input and Output Connection

There are two alarm input types for you to select: normal open (NO) and normal close (NC).

1.9.1 Alarm Input and Output Details

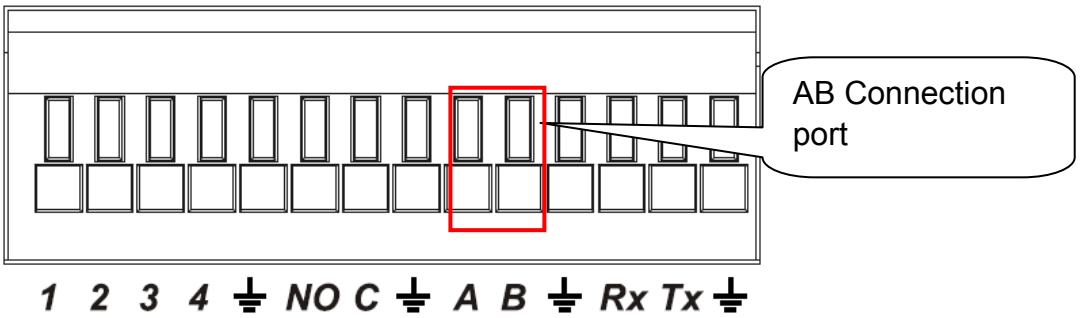


Figure 1-8

You can refer to the following sheet and Figure 1-8 for alarm input and output information.

Parameter	Grounding Alarm
⏚	Ground line

1, 2, 3, 4.	Alarm input 1 to alarm input 4. It becomes valid in low voltage.
NO C	A group of normal open activation output.
Rx,TX	It is RS232 port to connect to the COM (debug), keyboard port and transparent port (transfer COM input and output via the network).
A/B	RS485 communication port. They are used to control devices such as PTZ. Please parallel connect 120Ω between A/B cables if there are too many PTZ decoders.

1.9.2 Alarm Input Port

Please refer to the following sheet for more information.

- 4-channel alarm input. Normal open or Normal close type.
- Please parallel connect COM end and GND end of the alarm detector (Provide external power to the alarm detector).
- Please parallel connect the Ground of the combo DVR and the ground of the alarm detector.
- Please connect the NC port of the alarm sensor to the combo DVR alarm input(ALARM)
- Use the same ground with that of combo DVR if you use external power to the alarm device.

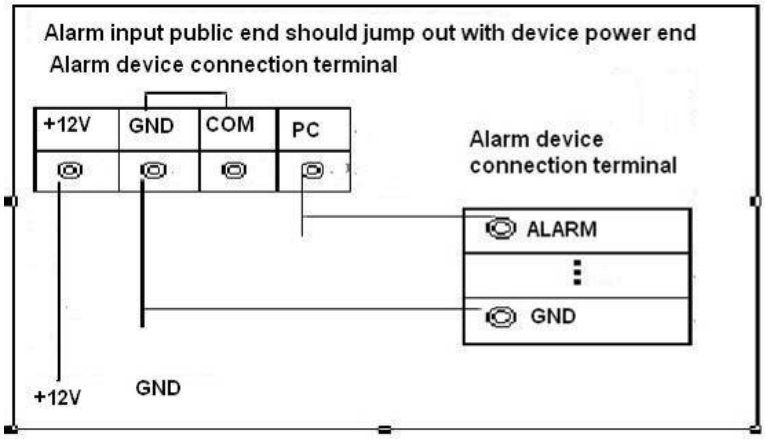


Figure 1-9

1.9.3 Alarm Output Port

- 1-channel relay alarm output (NO contact). Provide external power to external alarm device.
- To avoid overloading, please read relay parameters sheet in the *User's Manual* carefully.
- RS485 A/B cable is for the A/B cable of the PTZ decoder.

2 Overview of Navigation and Controls

Before operation, please make sure you have properly installed HDD and all the cable connections.

2.1 Login, Logout & Main Menu

2.1.1 Login

Connect the power cable and the press the power button at the rear panel. You can see the power indication light is on and the DVR is booting up. The system goes to multiple-window display mode by default. You can see the corresponding channel record indication light is on if it is in the schedule record period.

After system booted up, system pops up the startup wizard.

Click the Cancel button; you can go to the system login interface.

Click the Next Step button; you can go to the startup wizard interface. Here you can set the system basic information. See Figure 2-1.

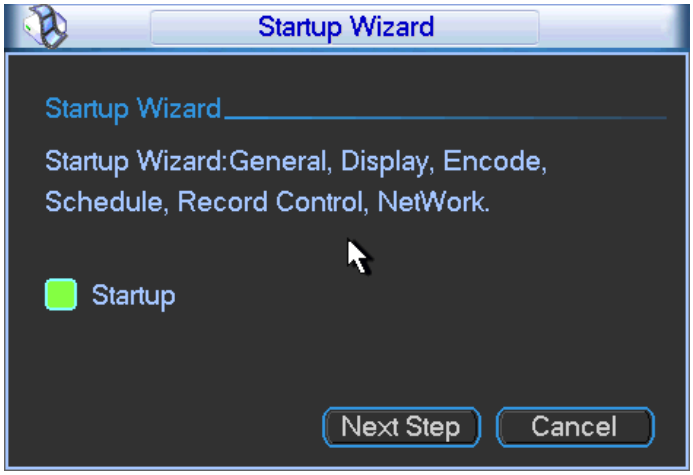


Figure 2-1

The system login interface is shown as in Figure 2-2.

System consists of four accounts:

- **Username:** admin. **Password:** admin. (administrator, local and network)
- **Username:** 888888. **Password:** 888888. (administrator, local only)
- **Username:** 666666. **Passwords:** 666666(Lower authority user who can only monitor, playback, backup and etc.)
- **Username**: default. **Password**: default(hidden user)

You can use USB mouse, front panel, remote control or keyboard to input. About input method:

Click 123 to switch between numeral, English character (small/capitalized) and denotation.

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!



Figure 2-2

2.1.2 Main Menu

After you logged in, the system main menu is shown as below. See Figure 2-3.

There are total six icons: search, information, setting, backup, advanced and shutdown.

You can move the cursor to highlight the icon, and then double click mouse to enter the sub-menu.

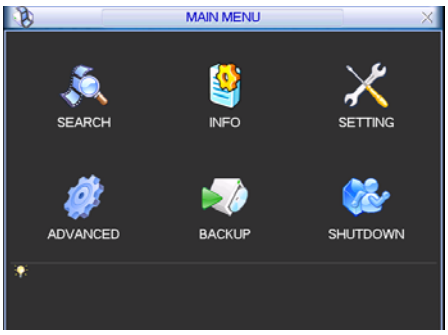


Figure 2-3

2.1.3 Shutdown

Important

Please open the HDD cover and then cut off the power before you replace the HDD!

There are two ways for you to shutdown the device.

The first one is from menu option (**recommended**):

In the main menu, click shutdown button, you can see an interface is shown as below. See Figure 2-4.



Figure 2-4

There are several options for you. See Figure 2-5.

Please select the shutdown item to turn off the combo DVR.

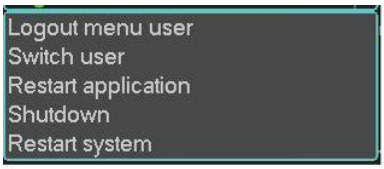


Figure 2-5

The other way is to press power button on the side panel to turn off the device.

2.1.4 Auto Resume after Power Failure

The system can automatically backup video and resume previous working status after power failure.

2.1.5 Replace Button Battery

Please make sure to use the same battery model if possible.
Please contact your local retailer before you replace the battery.
We recommend replace battery regularly (such as one-year) to guarantee system time accuracy.
Before replacement, please save the system setup, otherwise, you may lose the data completely!

2.2 Live Viewing

After you logged in, the system is in live viewing mode by default. You can see system date, time and channel name. If you want to change system date and time, you can refer to general settings (Main Menu->Setting->General). If you want to modify the channel name, please refer to the display settings (Main Menu->Setting->Display)

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

Navigation Bar

In the preview interface, you can see the following navigation bar. See Figure 2-6.

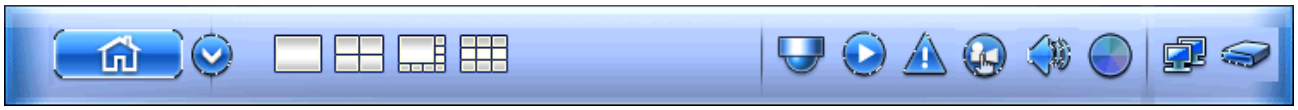


Figure 2-6

Please refer to the following sheet for detailed information.

1		Go to the main menu.	8		Search
2		Hide navigation bar.	9		Alarm output
3		One-window preview channel	10		Record control

4		Four-window preview channel	**11**		Volume
5		Eight-window preview channel	**12**		Color
6		Nine-window preview channel	**13**		Network
7		PTZ setup	**14**		HDD management

2.3 Schedule

Note:

You need to have proper rights to implement the following operations. Please make sure the HDD have been properly installed.

After the system booted up, it is in default 24-hour regular mode. You can set record type and time in schedule interface.

In the main menu, from Setting to Schedule, you can go to schedule menu. See Figure 2-7. There are total six periods.

- Channel: Please select the channel number first. You can select “all” if you want to set for the whole channels.
- Week day: There are eight options: ranges from Saturday to Sunday and all.
- Pre-record: System can pre-record the video before the event occurs into the file. The value ranges from 1 to 30 seconds depending on the bit stream.
- Snapshoot: You can enable this function to snapshoot image when alarm occurs. (**Note**: This function is for 4-channel series only. The 8-channel series product does not support the schedule snapshot function.)
- Record types: There are four types: regular, motion detection (MD), Alarm, MD & alarm.

Please highlight icon  to select the corresponding function. After completing all the setups please click save button, system goes back to the previous menu.

At the bottom of the menu, there are color bars for your reference. Green color stands for regular recording, yellow color stands for motion detection and red color stands for alarm recording. The white means the MD and alarm record is valid. Once you have set to record when the MD and alarm occurs, system will not record neither motion detect occurs nor the alarm occurs.

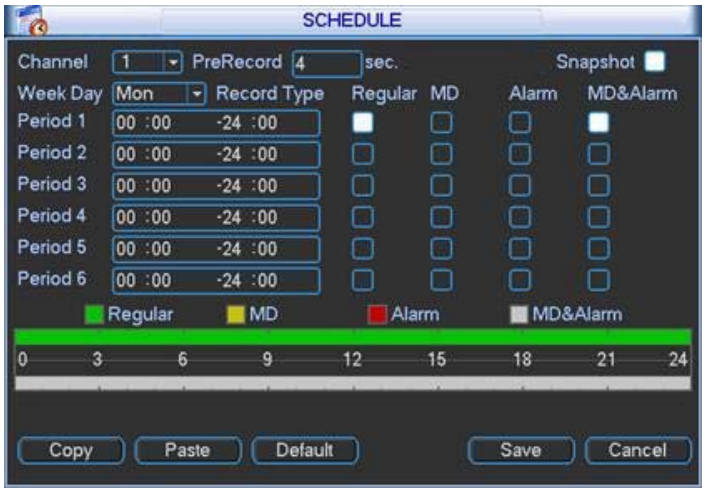


Figure 2-7

2.4 Manual Record

Note:

Please make sure you have the record operation right and you have properly installed the formatted HDD.

You can right click mouse or in the main menu, from Advanced->Manual Record to go to record interface.

There are three statuses: schedule/manual/stop. Highlight icon "○" to select corresponding channel. See Figure 2-8.

- Manual: The highest priority. After manual setup, all selected channels will begin ordinary recording.
- Schedule: Channel records as you have set in recording setup (Main Menu->Setting->Schedule)
- Stop: All channels stop recording.



Figure 2-8

2.5 Encode

Encode interface is shown as in Figure 2-9.

- Channel: Select the channel you want.
- Compression: System supports H.264.
- Type: Please select from the dropdown list. There are three options: regular/motion detect/alarm. You can set the various encode parameters for different record types.

- Resolution: System supports various resolutions, you can select from the dropdown list. For this model, main stream supports D1/2CIF/CIF/QCIF. Please note the resolution may vary due to different channels. The extra stream supports QCIF/CIF only.
- Frame rate: It ranges from 1f/s to 25f/s in NTSC mode and 1f/s to 30f/s in PAL mode.
- Bit rate type: system supports two types: CBR and VBR. In VBR mode, you can set video quality.
- Quality: There are six levels ranging from 1 to 6. The sixth level has the highest image quality.
- Video/audio: you can enable or disable the video/audio. Please note the video is enabled for main stream by default. For extra stream, please enable video first and then enable audio.
- Snapshot: Click snapshot button, you can see it contains the four items: mode/image size/image quality/snapshot frequency. Please refer to chapter 2.3.3 for detail information.
- Overlay: Click overlay button, you can see an interface is shown in Figure 2-10.
  - ✧ Cover area (Privacy mask): Here is for you to set privacy mask section. You can drag you mouse to set proper section size. In one channel video, system max supports 4 zones.
  - ✧ Preview/monitor: privacy mask has two types. Preview and Monitor. Preview means the privacy mask zone can not be viewed by user when system is in preview status. Monitor means the privacy mask zone can not be view by the user when system is in monitor status.
  - ✧ Time display: You can select system displays time or not when you playback. Please click set button and then drag the title to the corresponding position in the screen.
  - ✧ Channel display: You can select system displays channel number or not when you playback. Please click set button and then drag the title to the corresponding position in the screen.
-

Please highlight icon  to select the corresponding function.

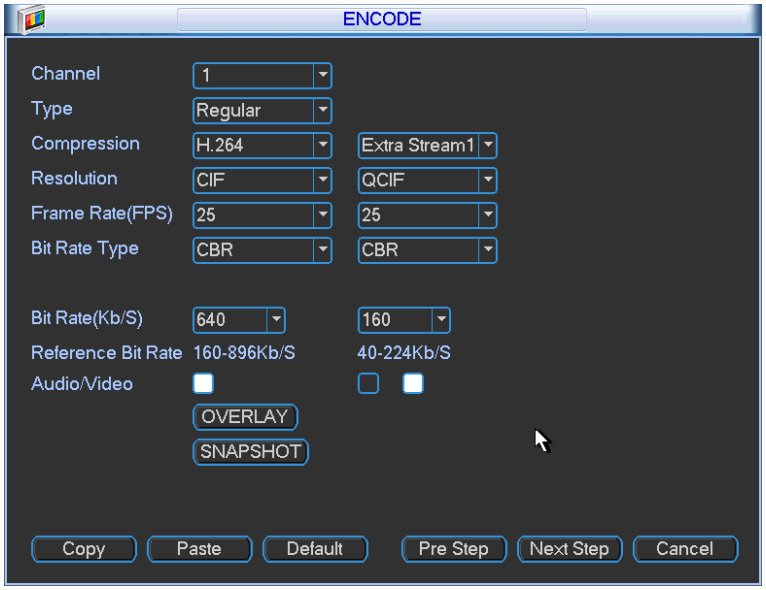


Figure 2-9

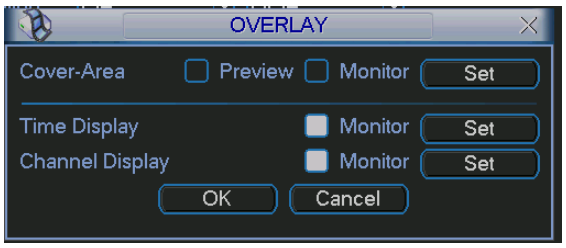


Figure 2-10

2.5.1 Snapshot

2.5.1.1 Schedule Snapshot

Note: This function is for 4-channel series only.

In Encode interface, click snapshot button to input snapshot mode, size, quality and frequency.

In General interface please input upload interval.

In Schedule interface, please enable snapshot function.

Please refer to the following figure for detail information. See Figure 2-11.

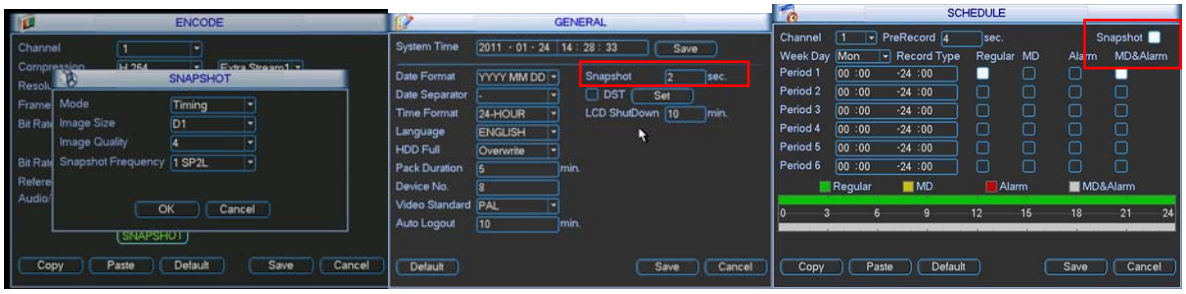


Figure 2-11

2.5.1.2 Activation Snapshot

Please follow the steps listed below to enable the activation snapshot function. After you enabled this function, system can snapshot when the corresponding alarm occurred.

- In Encode interface, click snapshot button to input snapshot mode, size, quality and frequency.
- In General interface please input upload interval.
- In Detect interface please enable snapshot function for specified channels. Or in Alarm interface please enable snapshot function for specified channels.

Please refer to the following figure for detail information. See Figure 2-12.

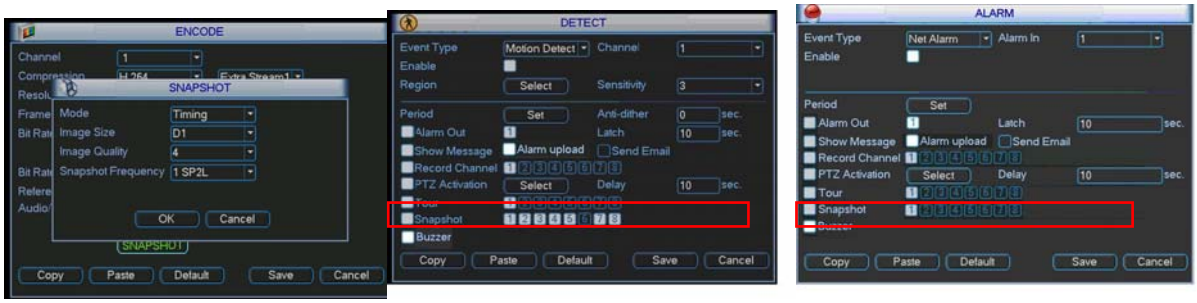


Figure 2-12

2.5.1.3 Priority

Please note the activation snapshot has the higher priority than schedule snapshot. If you have enabled these two types at the same time, system can activate the activation snapshot when alarm occurs, and otherwise system just operates the schedule snapshot.

2.5.2 Image FTP

In Network interface, you can set FTP server information. Please enable FTP function and then click save button. See Figure 2-13.Please refer to the *User's Manual* included in the resource CD for detailed information.

Please boot up corresponding FTP server.

Please enable schedule snapshot or activation snapshot (Chapter 2.3.3) and then system can upload the image file to the FTP server.

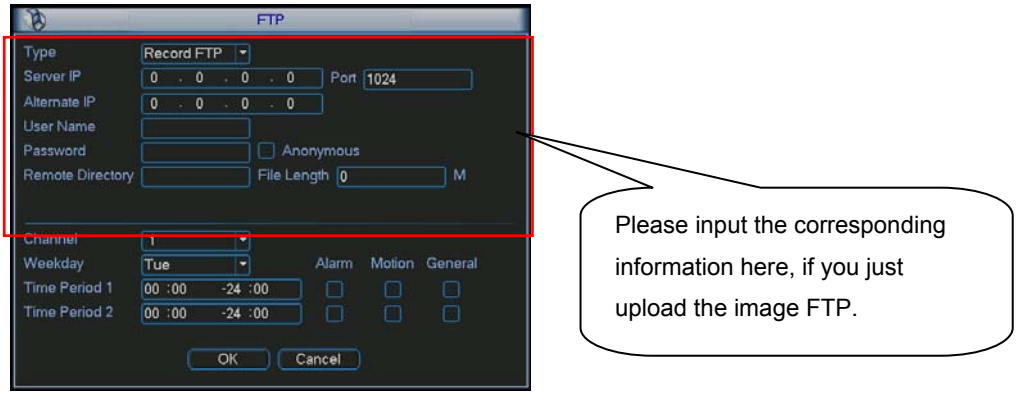


Figure 2-13

2.6 Search and Playback

Click search button in the main menu, search interface is shown as below. See Figure 2-14.

Usually there are three file types:

- R: Regular recording file.
- A: External alarm recording file.
- M: Motion detection recording file.

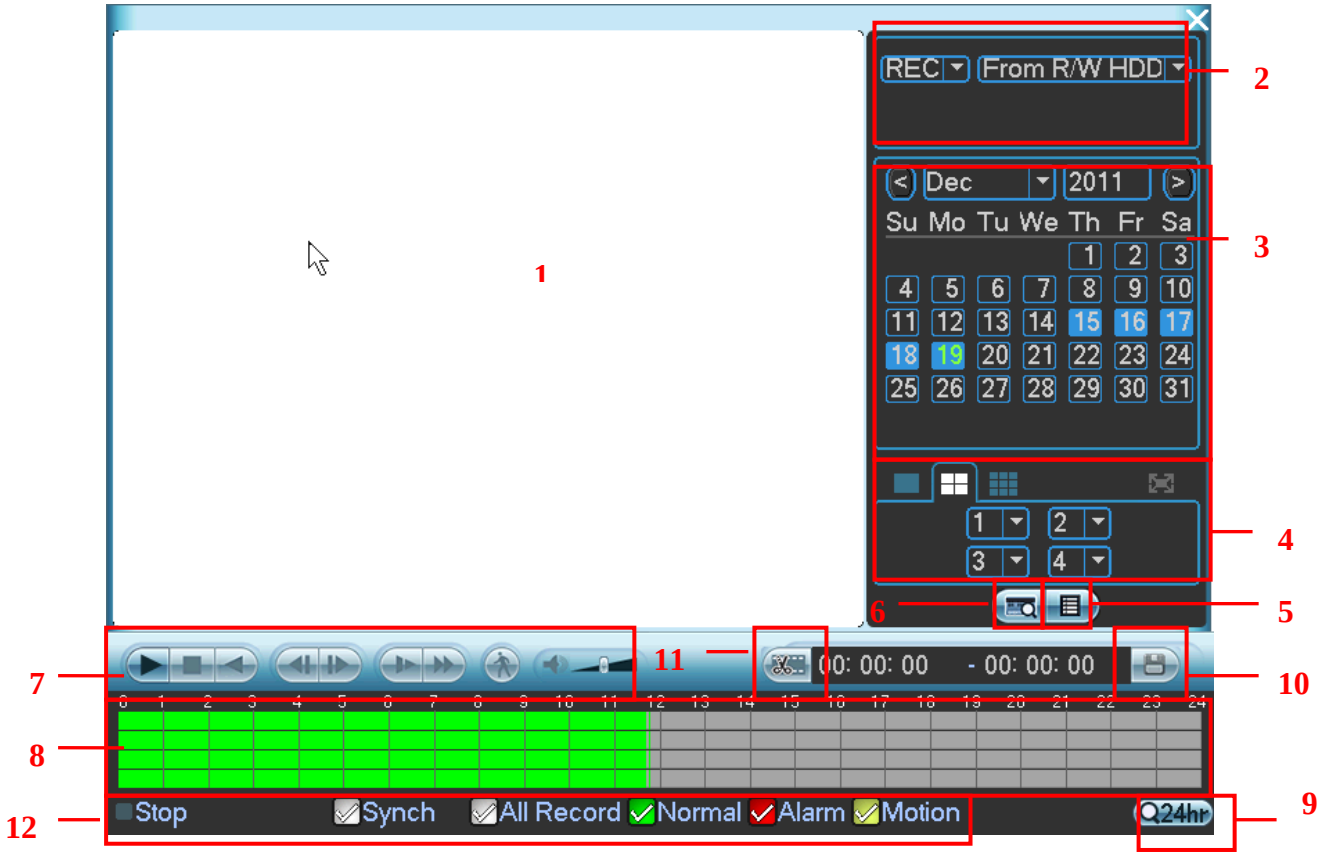
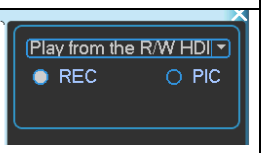
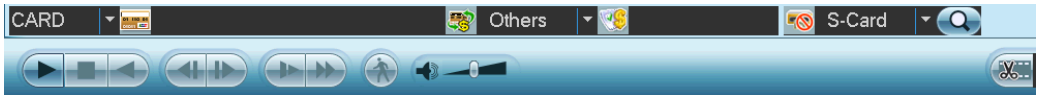


Figure 2-14

Please refer to the following sheet for more information.

SN	Name	Function
1	Display window	●Here is to display the searched picture or file. ●Support 1/4/9-window playback.
2	Search type	●Here you can select to search the picture or the recorded file. ●When there is displayed picture on the left pane, you can set the corresponding setup 
3	Calendar	●The blue highlighted date means there is picture or file. Otherwise, there is no picture or file. ●In any play mode, click the date you want to see, you can see the corresponding record file trace in the time bar.
4	Playback mode and channel selection pane.	●Playback mode：1/4/9. (It may vary due to different series.) ✧ In 1-window playback mode: you can select 1-8 channels. ✧ In 4-window playback mode: you can select 4 channels according to your requirement. ✧ In 9-window playback mode: you can set 1-8 channels. ●The time bar will change once you modify the playback mode or the channel option.
5	File list switch button	●Double click it, you can view the picture/record file list of current day. ●The file list is to display the first channel of the record file. ●The system can display max 128 files in one time. Use the ▲/▼ or the mouse to view the file. Select one item, and then double click the mouse or click the ENTER button to playback. ●You can input the period in the following interface to begin accurate search. ●File type：R—regular record； A—external alarm record； M—Motion detect record.

<table>
<tr><td></td><td></td><td colspan="2">
</td></tr>
<tr><td>6</td><td>Card number search</td><td colspan="2">The card number search interface is shown as below.

</td></tr>
<tr><td rowspan="10">7</td><td rowspan="10">Playback control pane.</td><td>►/ II</td><td>Play/Pause
There are three ways for you to begin playback.
● The play button
● Double click the valid period of the time bar.
● Double click the item in the file list.
In slow play mode, click it to switch between play/pause.</td></tr>
<tr><td>■</td><td>Stop</td></tr>
<tr><td>◄</td><td>Backward play
In normal play mode, left click the button, the file begins backward play. Click it again to pause current play.
In backward play mode, click ►/ II to restore normal play.</td></tr>
<tr><td>|◄/ ►|</td><td>In playback mode, click it to play the next or the previous section. You can click continuously when you are watching the files from the same channel.
In normal play mode, when you pause current play, you can click ◄| and |► to begin frame by frame playback.
In frame by frame playback mode, click ►/ II to restore normal playback.</td></tr>
<tr><td>▶·</td><td>Slow play
In playback mode, click it to realize various slow play modes such as slow play 1, slow play 2, and etc.</td></tr>
<tr><td>▶▶</td><td>Fast forward
In playback mode, click to realize various fast play modes such as fast play 1,fast play 2 and etc.</td></tr>
<tr><td colspan="2">Note: The actual play speed has relationship with the software version.</td></tr>
<tr><td></td><td>Smart search</td></tr>
<tr><td></td><td>The volume of the playback</td></tr>
<tr><td></td><td>Click the snapshot button in the full-screen mode, the system can snapshot 1 picture per second.</td></tr>
<tr><td>8</td><td>Time bar</td><td colspan="2">●It is to display the record type and its period in current search criteria.
●In 4-window playback mode, there are corresponding four time bars. In other playback mode, there is only one time bar.
●Use the mouse to click one point of the color zone in the time bar, system begins playback.
●The time bar is beginning with 0 o'clock when you are setting the configuration. The time bar zooms in the period of the current playback time when you are playing the file.
●The green color stands for the regular record file. The red color stands for the external alarm record file. The yellow stands for the motion detect record file.</td></tr>
<tr><td>9</td><td>Time bar unit</td><td colspan="2">●The time bar is 24H. You can accurately set the time in the time bar to playback the record.</td></tr>
</table>

		●The time bar is beginning with 0 o'clock when you are setting the configuration. The time bar zooms in the period of the current playback time when you are playing the file.
10	Backup	Select the file(s) you want to backup from the file list. System max supports files from four channels. Then click the backup button, now you can see the backup menu. Click the start button to begin the backup operation. Check the file again you can cancel current selection. System max supports to display 32 files from one channel.
11	Clip	●It is to edit the file. ●Please play the file you want to edit and then click this button when you want to edit. You can see the corresponding slide bar in the time bar of the corresponding channel. You can adjust the slide bar or input the accurate time to set the file end time. Click this button again and then save current contents in a new file. .
12	Record type	In any play mode, the time bar will change once you modify the search type.
13	Smart search	● When system is playing, you can select a zone in the window to begin motion detect. Click the motion detect button to begin play. ● Current button is null once the motion detect play has begun. ● The system will take the whole play zone as the motion detect region by default. ● The motion detect play stopped once you switch the play file. ● Operations such as set time bar, click the play button, or any file list operation will stop current motion detect play.
Other Functions		
14	Other channel synchronization switch to play when playback	When playing the file, click the number button, system can switch to the same period of the corresponding channel to play.
15	Digital zoom	When the system is in full-screen playback mode, left click the mouse in the screen. Drag your mouse in the screen to select a section and then left click mouse to realize digital zoom. You can right click mouse to exit.

Note:

All the operations here (such as playback speed, channel, time and progress) have relationship with hardware version. Some series 10.2-inch combo DVR may not support some functions or playback speeds.

2.7 Network Setup

Here is for you to input network information. See Figure 2-15.

- IP address: Here you can input IP address.
- DHCP: It is auto search IP function. When enable DHCP function, you can not modify IP/Subnet mask /Gateway. These values are from DHCP function. If you have not enabled DHCP function, IP/Subnet mask/Gateway display as o. You need to disable DHCP function to view current IP information. Besides, when PPPoE is operating, you can not modify IP/Subnet mask /Gateway.
- TCP port: Default value is 37777.
- UDP port: Default value is 37778.
- HTTP port: Default value is 80.
- RTSP port: Default value is 554.
- Max connection: system support maximal 20 users. 0 means there is no connection limit.
- Preferred DNS server: DNS server IP address.

- Alternate DNS server: DNS server alternate address.
- Transfer mode: Here you can select the priority between fluency/video qualities.
- LAN download: System can process the downloaded data first if you enable this function. The download speed is 1.5X or 2.0X of the normal speed.
- Advanced setting: Please refer to the *user's manual* included in the resource CD for detail information.

After completing all the setups please click save button, system goes back to the previous menu.

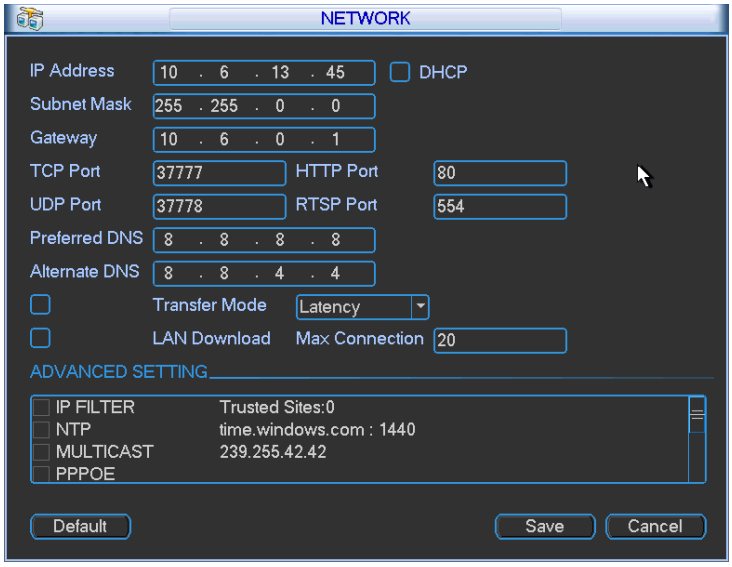


Figure 2-15

2.8 Pan/Tilt/Zoom

Please note:

- Slight difference may be found in the user's interface, due to various protocols.
- Please make sure the speed domes A/B cables are properly connected to the A/B ports of combo DVR.
- You have properly set PTZ information.
- Please switch camera monitor channel to current window.

2.8.1 PTZ Setup

The pan/tilt/zoom setup includes the following items. Please select channel first. See Figure 2-16.

- Protocol: Select corresponding PTZ protocol such as PELCOD.
- Address: Input corresponding PTZ address.
- Baud rate: Select baud rate.
- Data bit: Select data bit. Default value is 8.
- Stop bit: Select stop bit. Default value is 1.
- Parity: There are three choices: none/odd/even. Default value is none.



Figure 2-16

After completing all the setups please click save button, system goes back to the previous menu.

2.8.2 PTZ Operation

In one window display mode, right click mouse (click “Fn” Button in the front panel or click “Fn” key in the remote control). The interface is shown as in Figure 2-17.

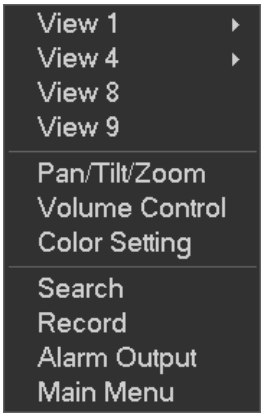


Figure 2-17

Click Pan/Tilt/Zoom, the interface is shown as below. See Figure 2-18.

Here you can set the following items:

- Step: value ranges from 1 to 8.
- Zoom
- Focus
- Iris

Click icon and to adjust zoom, focus and iris.



Figure 2-18

In Figure 2-18, please click direction arrows (See Figure 2-19) to adjust PTZ position. There are total 8 direction arrows. Please note system only supports up/down/left/right four directions if you use the front panel to control the direction

The speed value ranges from 1 to 8.



Figure 2-19

2.8.3 3D Intelligent Positioning Key

In the middle of the eight direction arrows, there is a 3D intelligent positioning key. See Figure 2-20. Please note, this function needs protocol supported and can only be operated by mouse. Click this key, system goes back to the single screen mode. Drag the mouse in the screen to adjust section size. It can realize PTZ automatically.



Figure 2-20

Here is a sheet for you reference.

Name	Function key	function	Shortcut key	Function key	function	Shortcut Key
Zoom		Near	▶		Far	⏩
Focus		Near	◀		Far	▶
Iris		close	⏸◀		Open	▶⏸

You can click set button in Figure 2-18 (or click REC button in the front panel) to set preset, tour, and pattern.

You can click page switch button in Figure 2-18 (or click Fn button in the front panel) to call main function.

3 Web Operation

Slightly difference may be found in the interface due to different series.
The following operation is based on the 8-channel series product.

3.1 Network Connection

Before web client operation, please check the following items:

- Network connection is right
- Combo DVR and PC network setup is right. Please refer to network setup(main menu->setting->network)
- Use order ping ***.***.***.***(* combo DVR IP address) to check connection is OK or not. Usually the return TTL value should be less than 255.
- System can automatically download latest web control and the new version can overwrite the previous one.
- If you want to un-install the web controls, please run *uninstall webrec2.0.bat* to auto delete the control or you can go to C:\Program Files\webrec to delete Single folder.

3.2 Login

Open IE and input combo DVR address in the address column. For example, if your combo DVR IP is 10.10.3.16, then please input http:// 10.10.3.16 in IE address column.
System pops up warning information to ask you whether install webrec.cab control or not. Please click yes button.
If you can't download the ActiveX file, please modify your IE security setup.
After installation, the interface is shown as below. See Figure 3-1.
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.

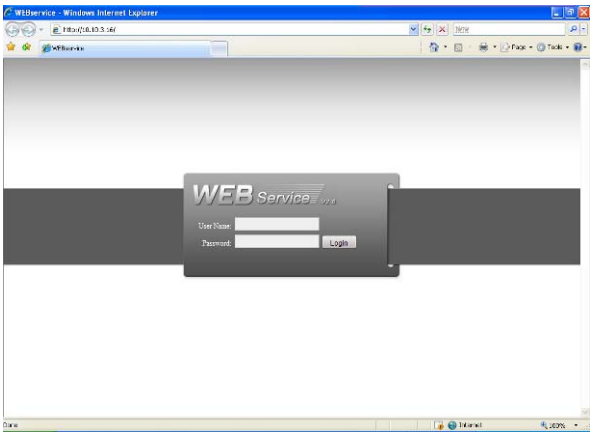


Figure 3-1

3.3 Main Window

After you logged in, you can see the main window. See Figure 3-2.
Click the channel name on the left side; you can view the real-time video.

For detailed operation information, please refer to the *User's Manual* included in the resources CD.

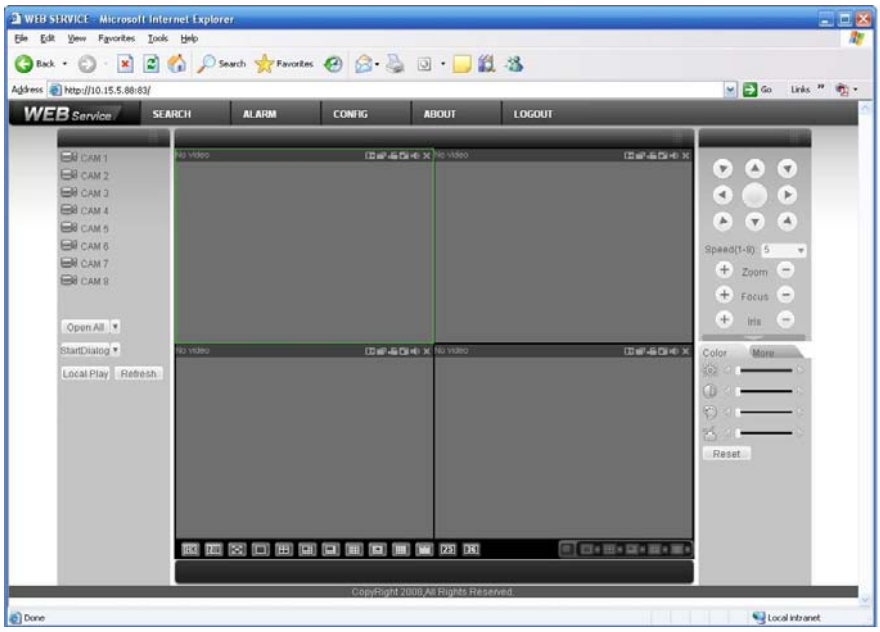


Figure 3-2

4 Appendix 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）	○	○	○	○	○	○
Wire and Cable	○	○	○	○	○	○
Fastener	○	○	○	○	○	○
Cardboard（Packing Material）	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

Note

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.

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.

Note

- **For detailed operation introduction, please refer to our resource CD included in your package for electronic version of the *User's Manual*.**
- **Slight difference may be found in user interface.**
- **All the designs and software here are subject to change without prior written notice.**
- **If there is any uncertainty or controversy, please refer to the final explanation of us.**
- **Please visit our website for more information.**