



## Quick Start Guide

# DIGITAL VIDEO RECORDER



# Welcome

Thank you for purchasing our DVR

This quick start guide will help you become familiar with our DVR in a very short time. Before installation and operation, please read the following safeguard and warning carefully!

## Important Safeguards and Warnings

All installation and operation here should conform to your local electrical safety codes. We assume no liability or responsibility for all the fires or electric shock caused by improper handling or installation.

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

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

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

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

## 1.About Front Panel and Rear Panel

For detailed information of the function keys in the front panel and the ports in the rear panel, please refer to the User's Manual included in the resource CD. The model label 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.

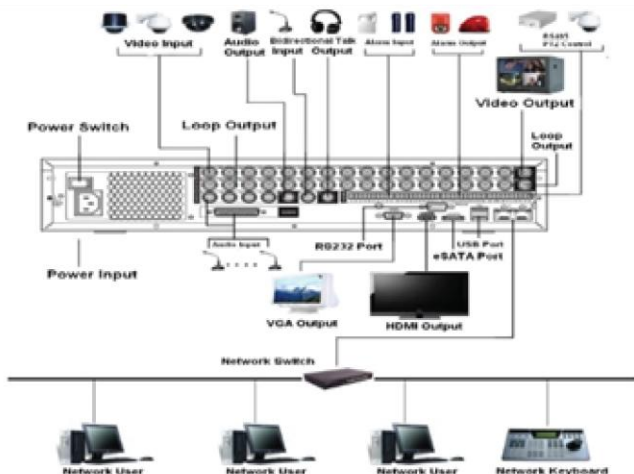


Figure 1

## 1. HDD Installation

This serial 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. All figures listed here are for reference only.



Figure 2



Figure 3

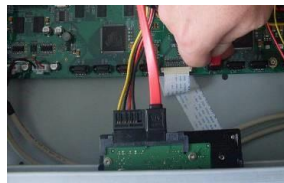
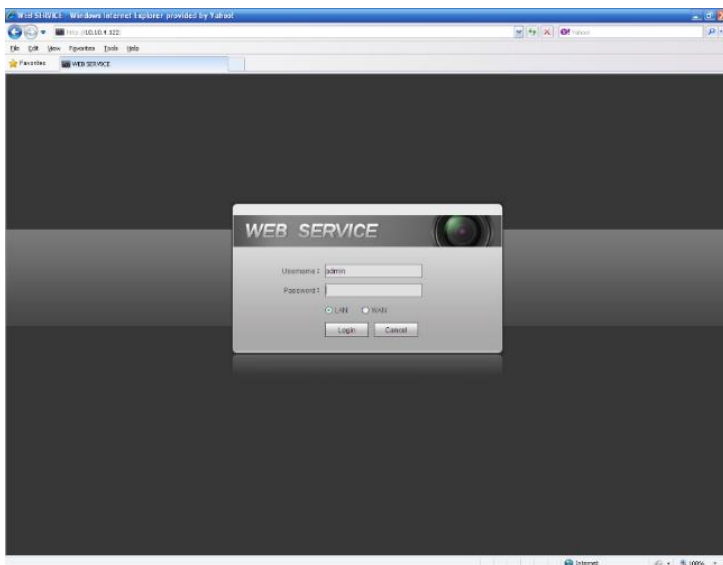


Figure 4

## 3. Web

Open IE and input DVR address in the address column. For example, if your DVR IP is 10.10.4.122, then please input http:// 10.10.4.122 in IE address column. System pops up warning information to ask you whether install control or not. Please click Install. After installation, the interface is shown as below. Please input your user name and password. Default factory name is admin and password is 123456.



## 4. Boot up & Shut Down

### a. Boot up

Please follow the steps listed below to boot up the device. Connect the device to the monitor and then connect a mouse. Connect power cable. Click the power button at the front or rear panel and then boot up the device. After device booted up, the system is in multiple-channel display mode by default.

### b. Shut Down

When you see corresponding dialogue box “System is shutting down...” Do not click power on-off button directly.

Do not unplug the power cable or click power on-off button to shutdown device directly when device is running (especially when it is recording.)

There are three ways for you to log out.

Main menu (**RECOMMENDED**): From Main Menu->Operation->Shutdown, click shutdown button, you can see device shuts down.

From power on-off button on the front panel or remote control. Press the power on-off button on the DVR front panel or remote control for more than 3 seconds to shutdown the device.

From power on-off button on the rear panel.

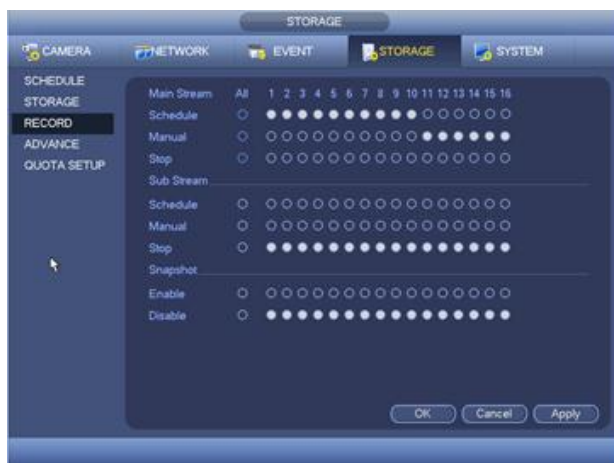
## 5. Manual Record

### a. Record Operation

System supports main stream and sub stream. There are three statuses: schedule/manual/stop. Please highlight icon “○” to select corresponding channel.

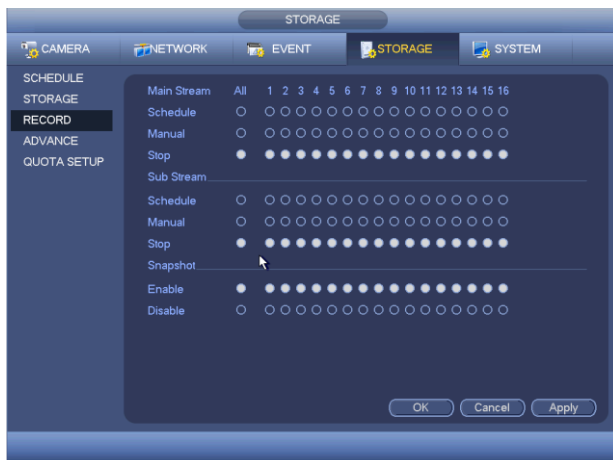
Manual: The highest priority. After manual setup, all selected channels will begin ordinary recording. Schedule: Channel records as you have set in recording setup (Main Menu->Setting->System->>Schedule)

Stop: Current channel stops recording. All: Check All button after the corresponding status to enable/disable all-channel schedule/manual record or enable/disable all channels to stop record.



## b.Snapshot Operation

Check the corresponding box to enable/disable schedule snapshot function.



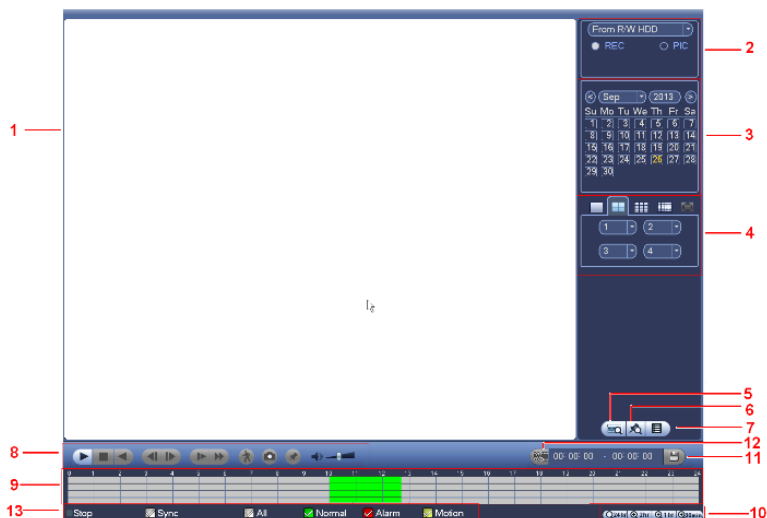
## 6. Playback

Click search button in the main menu, or right click mouse and then select Search button when you are previewing, search interface is shown as below. Usually there are three file types:

R: Regular recording file.

A: External alarm recording file.

M: Motion detection recording file



| SN | Name                                      | Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Display window                            | <ul style="list-style-type: none"> <li>●Here is to display the searched picture or file.</li> <li>●Support 1/4/9/16-window playback.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2  | Search type                               | <ul style="list-style-type: none"> <li>●Here you can select to search the picture or the recorded file.</li> <li>●You can select to play from the read-write HDD, from peripheral device or from redundancy HDD.</li> <li>●Before you select to play from the peripheral device, please connect the corresponding peripheral device. You can view all record files of the root directory of the peripheral device. Click the Browse button; you can select the file you want to play.</li> </ul> <p><b>Important</b></p> <ul style="list-style-type: none"> <li>●Redundancy HDD does not support picture backup function, but it supports picture playback function. You can select to play from redundancy HDD if there are pictures on the redundancy HDD.</li> </ul> |
| 3  | Calendar                                  | <ul style="list-style-type: none"> <li>●The blue highlighted date means there is picture or file. Otherwise, there is no picture or file.</li> <li>●In any play mode, click the date you want to see, you can see the corresponding record file trace in the time bar.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 4  | Playback mode and channel selection pane. | <ul style="list-style-type: none"> <li>●Playback mode : 1/4/9/16. (It may vary due to different series.)</li> <li>✧ In 1-window playback mode: you can select 1-16 channels.</li> <li>✧ In 4-window playback mode: you can select 4 channels according to your requirement.</li> <li>✧ In 9-window playback mode, you can switch between 1-8 and 9-16 channels.</li> <li>✧ In 16-window playback mode, you can switch between 1-16 and 17-32 channels.</li> <li>●The time bar will change once you modify the playback mode or the channel option.</li> </ul>                                                                                                                                                                                                           |
| 5  | Card number search                        | <p>The card number search interface is shown as below. Here you can view card number/field setup bar. You can implement advanced search.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 6  | Mark file list button                     | Click it to go to mark file list interface. You can view all mark information of current channel by time. Please refer to chapter Error! Reference source not found. for detailed information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                 |
|----|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |               | Note: The actual play speed has relationship with the software version.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                 |
|    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Smart search                                                                                                                                                                                                                                                                                                                                    |
|    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | The volume of the playback                                                                                                                                                                                                                                                                                                                      |
|    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Click the snapshot button in the full-screen mode, the system can snapshot 1 picture.<br><br>System supports custom snap picture saved path. Please connect the peripheral device first, click snap button on the full-screen mode, you can select or create path. Click Start button, the snapshot picture can be saved to the specified path. |
|    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Mark button.<br><br>Please note this function is for some series product only. Please make sure there is a mark button in the playback control pane.<br><br>You can refer to chapter Error! Reference source not found. for detailed information.                                                                                               |
| 9  | Time bar      | <ul style="list-style-type: none"> <li>● It is to display the record type and its period in current search criteria.</li> <li>● In 4-window playback mode, there are corresponding four time bars. In other playback mode, there is only one time bar.</li> <li>● Use the mouse to click one point of the color zone in the time bar, system begins playback.</li> <li>● 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.</li> <li>● 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.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                 |
| 10 | Time bar unit | <ul style="list-style-type: none"> <li>● The option includes: 24H, 12H, 1H and 30M. The smaller the unit, the larger the zoom rate. You can accurately set the time in the time bar to playback the record.</li> <li>● 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.</li> </ul>                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                 |
| 11 | Backup        | <ul style="list-style-type: none"> <li>● Select the file(s) you want to backup from the file list. You can check from the list. Then click the backup button, now you can see the backup menu. System supports customized path setup. After select or create new folder, click the Start button to begin the backup operation. The record file(s) will be saved in the specified folder.</li> <li>● Check the file again you can cancel current selection. System max supports to display 32 files from one channel.</li> <li>● After you clip on record file, click Backup button you can save it.</li> <li>● For one device, if there is a backup in process, you can not start a new backup operation.</li> </ul>                           |                                                                                                                                                                                                                                                                                                                                                 |
| 12 | Clip          | <ul style="list-style-type: none"> <li>● It is to edit the file.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                 |

|                        |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12                     | Clip                                                       | <ul style="list-style-type: none"> <li>● It is to edit the file.</li> <li>● Please play the file you want to edit and then click this button when you want to edit. You can see the corresponding slide bars 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.</li> <li>● After you set, you can click Clip button again to edit the second period. You can see the slide bar restore its previous position.</li> <li>● Click Backup button after clip, you can save current contents in a new file.</li> <li>● You can clip for one channel or multiple-channel. The multiple-channel click operation is similar with the one-channel operation.</li> </ul> <p>Please note:</p> <ul style="list-style-type: none"> <li>● <b>System max supports 1024 files backup at the same time.</b></li> <li>● <b>You can not operate clip operation if there is any file has been checked in the file list.</b></li> </ul> |
| 13                     | Record type                                                | In any play mode, the time bar will change once you modify the search type.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Other Functions</b> |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 14                     | Smart search                                               | <ul style="list-style-type: none"> <li>● When system is playing, you can select a zone in the window to begin smart search. Click the motion detect button to begin play.</li> <li>● Once the motion detect play has begun, click button again will terminate current motion detect file play.</li> <li>● There is no motion detect zone by default.</li> <li>● If you select to play other file in the file list, system switches to motion detect play of other file.</li> <li>● During the motion detect play process, you can not implement operations such as change time bar, begin backward playback or frame by frame playback.</li> <li>● Please refer to chapter <b>Error! Reference source not found.</b> Smart Search for detailed operation.</li> </ul>                                                                                                                                                                                                                           |
| 15                     | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 16                     | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 17                     | Manually switch channel when playback                      | <p>During the file playback process, you can switch to other channel via the dropdown list or rolling the mouse.</p> <p>This function is null if there is no record file or system is in smart search process.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |