



Figure 4-40

## 4.8 Main Menu

The main menu interface is shown as below. See Figure 4-41.

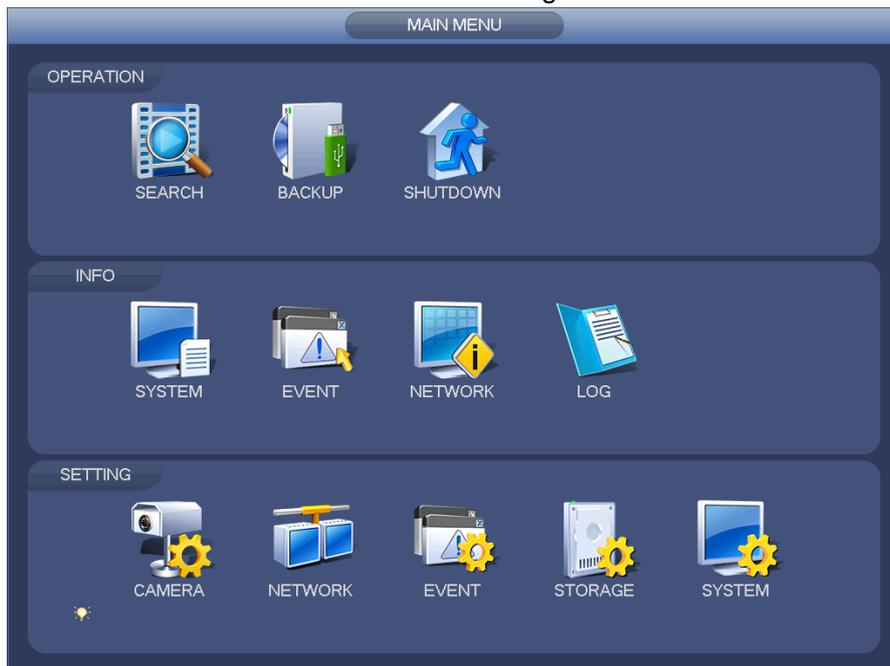


Figure 4-41

## 4.9 Operation

### 4.9.1 Search

Click search button in the main menu, search interface is shown as below. See Figure 4-42.

Usually there are four file types:

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



Figure 4-42

Please refer to the following sheet for more information.

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> <li>◇ The 4-channel series product max support 4-channel playback.</li> <li>◇ The 8-channel series product max support 8-channel playback,</li> <li>◇ The `6-channel series product max support 16-channel 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>● <b>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.</b></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	<p>Click it to go to mark file list interface. You can view all mark information of current channel by time. Please refer to chapter 4.9.1.3 for detailed information. Please note only the product of this icon supports mark function.</p>
7	File list switch button	<ul style="list-style-type: none"> <li>● Double click it, you can view the picture/record file list of current day.</li> <li>● The file list is to display the first channel of the record file.</li> <li>● The system can display max 128 files in one time. Use the ◀  and  ▶ or the mouse to view the file. Select one item, and then double click the mouse or click the ENTER button to playback.</li> <li>● You can input the period in the following interface to begin accurate search.</li> <li>● File type: R—regular record; A—external alarm record; M—Motion detect record.</li> </ul>  <ul style="list-style-type: none"> <li>● Lock file. Click the file you want to lock and click the button  to lock. The file you locked will not be overwritten.</li> <li>● Search locked file: Click the button  to view the locked file.</li> </ul>
8	Playback control pane.	<p>Play/Pause</p> <p>There are three ways for you to begin playback.</p> <p>▶ /   </p> <ul style="list-style-type: none"> <li>● The play button</li> <li>● Double click the valid period of the time bar.</li> <li>● Double click the item in the file list.</li> </ul>

			In slow play mode, click it to switch between play/pause.
			Stop
			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  to restore normal play.
			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  to restore normal playback.
			Slow play In playback mode, click it to realize various slow play modes such as slow play 1, slow play 2, and etc.
			Fast forward In playback mode, click to realize various fast play modes such as fast play 1, fast play 2 and etc.
			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. 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. Please note this function is for some series product only. Please make sure there is a mark button in the playback control pane. You can refer to chapter 4.9.1.3 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> <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 4.9.1.1 Smart Search for detailed operation.</li> </ul>
15	Other	When playing the file, click the number button, system can switch to the same

	channel synchronization switch to play when playback	period of the corresponding channel to play.
16	Sync	In Pane 13 of Figure 4-42, click Sync button, you can view the records of the same period from different channels on the multiple-window mode.
17	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.
18	Manually switch channel when playback	During the file playback process, you can switch to other channel via the dropdown list or rolling the mouse. This function is null if there is no record file or system is in smart search process.

#### 4.9.1.1 Smart Search

During the multiple-channel playback mode, double click one channel and then click the  button, system begins smart search. System supports 396(22\*18 PAL) and 330(22\*15 NTSC) zones. Please left click mouse to select smart search zones. See Figure 4-43.

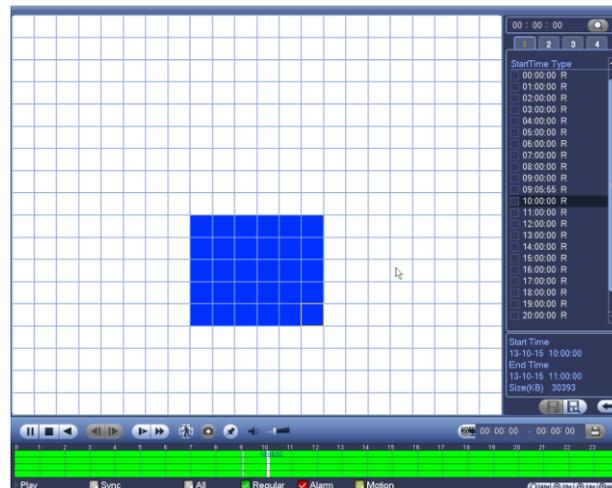


Figure 4-43

Click the , you can go to the smart search playback. Click it again, system stops

smart search playback.

### Important

- **System does not support motion detect zone setup during the full-screen mode.**
- **During the multiple-channel playback, system stops playback of rest channels if you implement one-channel smart search.**

#### 4.9.1.2 Accurate playback by time

Select records from one day, click the list, you can go to the file list interface. You can input time at the top right corner to search records by time. See image on the left side of

the Figure 4-44 For example, input time 11:00.00 and then click Search button , you can view all the record files after 11:00.00 (The records includes current time.). See image on the right side of the Figure 4-44 Double click a file name to playback.

### Note

- After you searched files, system implement accurate playback once you click Play for the first time.
- System does not support accurate playback for picture.
- System supports synchronization playback and non-synchronous playback. The synchronization playback supports all channels and non-synchronous playback only supports accurately playback of current select channel.

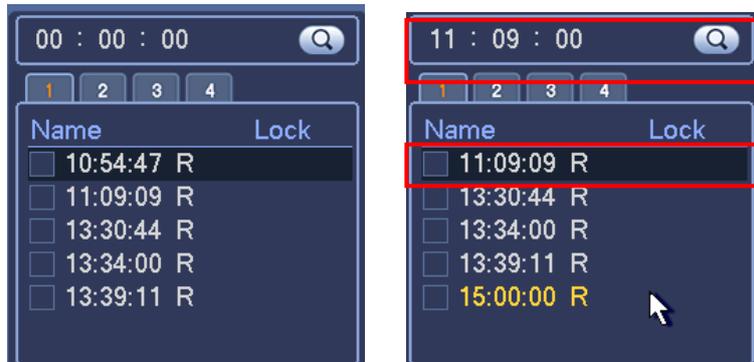


Figure 4-44

#### 4.9.1.3 Mark Playback

**Please make sure your purchased device support this function. You can use this function only if you can see the mark playback icon on the Search interface (Figure 4-42).**

When you are playback record, you can mark the record when there is important information. After playback, you can use time or the mark key words to search corresponding record and then play. It is very easy for you to get the important video information.

- Add Mark

When system is playback, click Mark button , you can go to the following interface. See Figure 4-45.



Figure 4-45

- Playback Mark

During 1-window playback mode, click mark file list button  in Figure 4-42, you can go to mark file list interface. Double click one mark file, you can begin playback from the mark time.

- Play before mark time

Here you can set to begin playback from previous N seconds of the mark time.

**Note**

Usually, system can playbacks previous N seconds record if there is such kind of record file. Otherwise, system playbacks from the previous X seconds when there is such as kind of record.

- Mark Manager

Click the mark manager button  on the Search interface (Figure 4-42); you can go to Mark Manager interface. See Figure 4-46. System can manage all the record mark information of current channel by default. You can view all mark information of current channel by time.

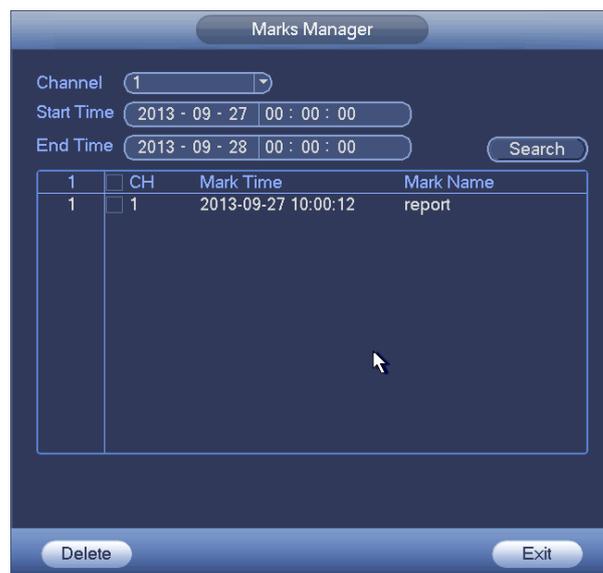


Figure 4-46

- **Modify**

Double click one mark information item, you can see system pops up a dialogue box for you to change mark information. You can only change mark name here.

- **Delete**

Here you can check the mark information item you want to delete and then click Delete button, you can remove one mark item. .

**Note**

- After you go to the mark management interface, system needs to pause current playback. System resume playback after you exit mark management interface.
- If the mark file you want to playback has been removed, system begin playing from the first file in the list.

### 4.9.2 Backup

DVR support CD-RW, DVD burner, USB device backup, network download and eSATA. Here we introduce USB, eSATA backup. You can refer to Chapter 7 Web Client Operation for network download backup operation.

Click backup button, you can see an interface is shown as in Figure 4-47. Here is for you to view devices information.

You can view backup device name and its total space and free space. The device includes CD-RW, DVD burner, USB device, flash disk, eSATA backup.

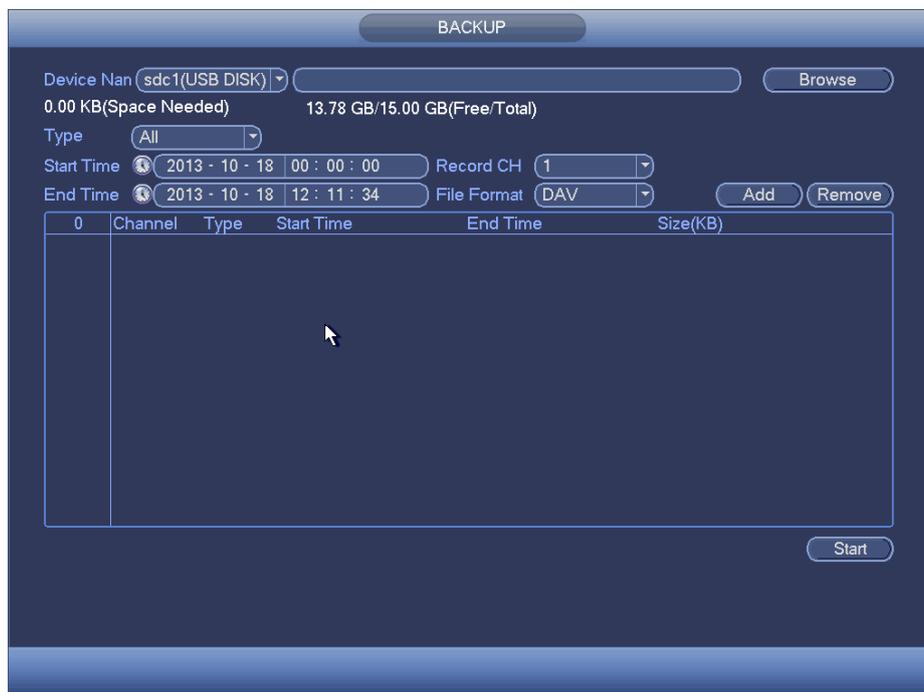


Figure 4-47

Select backup device and then set channel, file start time and end time.

Click add button, system begins search. All matched files are listed below. System automatically calculates the capacity needed and remained. See Figure 4-48.

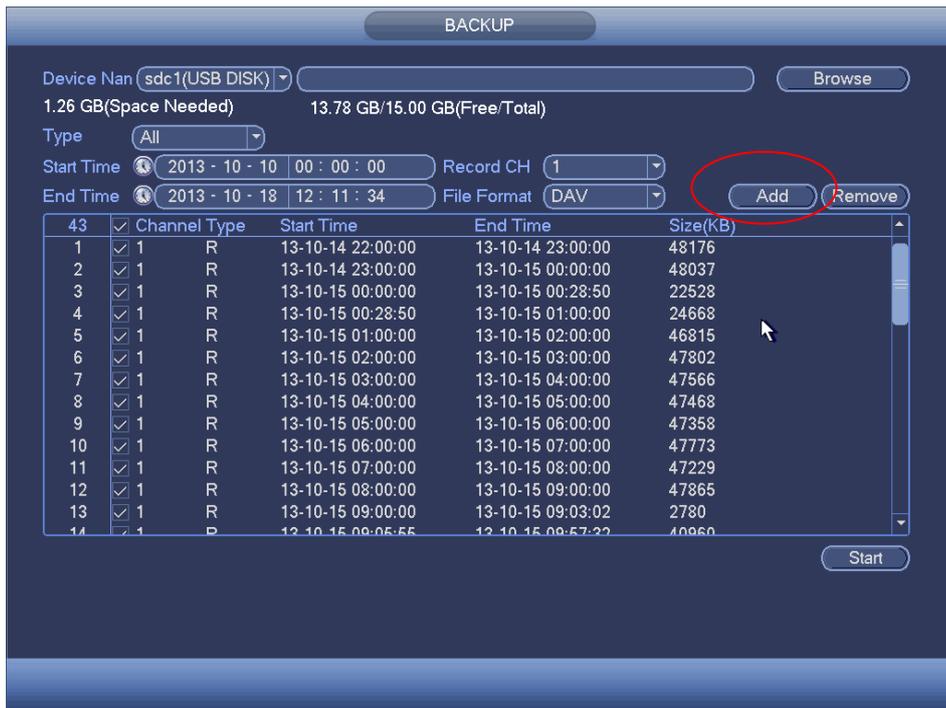


Figure 4-48

System only backup files with a  before channel name. You can use Fn or cancel button to delete  after file serial number.

Click Start button, system begins copy. At the same time, the backup button becomes stop button. You can view the remaining time and process bar at the left bottom. See Figure 4-49.

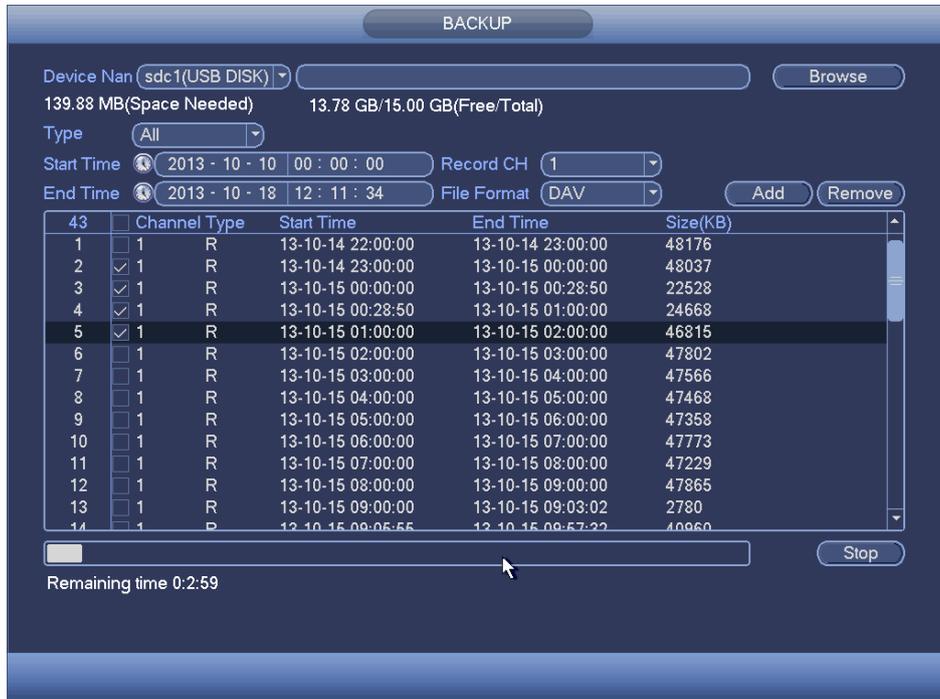


Figure 4-49

When the system completes backup, you can see a dialogue box prompting successful backup.

- File format: Click the file format; you can see there are two options: DAV/ASF. The file name format usually is: Channel number+Record type+Time. In the file name, the YDM format is Y+M+D+H+M+S. File extension name is .dav.

**Tips:**

During backup process, you can click ESC to exit current interface for other operation. The system will not terminate backup process.

**Note:**

When you click stop button during the burning process, the stop function becomes activated immediately. For example, if there are ten files, when you click stop system just backup five files, system only save the previous 5 files in the device (But you can view ten file names).

**4.9.3 Shut Down**

In Figure 4-41, select Shut Down, you can go to the following interface. See Figure 4-50.

There are three options: Shutdown/logout/reboot. See Figure 4-50.

For the user who does not have the shut down right, please input corresponding password to shut down.



Figure 4-50

**4.10 Information**

**4.10.1 System Info**

Here is for you to view system information. There are total four items: HDD (hard disk information), record, BPS (data stream statistics), version. See Figure 4-51.