

Chapter 6 Playback


6.1 Playing Back Record Files

6.1.1 Instant Playback

Purpose

Play back the recorded video files of a specific channel in the live view mode. Channel switch is supported.

Instant playback by channel

Choose a channel in live view mode and click the  button in the quick setting toolbar.



In the instant playback mode, only record files recorded during the last five minutes on this channel will be played back.



Figure 6-1 Instant Playback Interface

6.1.2 Playing Back by Normal Search

Playback by Channel

Enter the Playback interface.

Right click a channel in live view mode and select Playback from the menu, as shown in Figure 6-2.

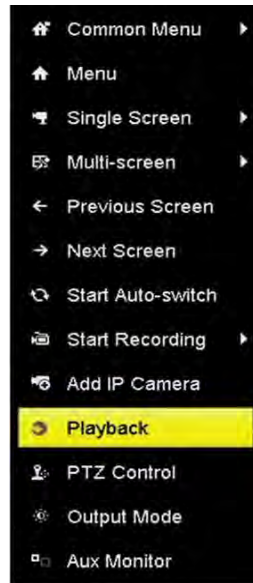


Figure 6-2 Right-click Menu under Live View

 **NOTE**

Pressing numerical buttons will switch playback to the corresponding channels during playback process.

Playback by Time

Purpose

Play back video files recorded in specified time duration. Multi-channel simultaneous playback and channel switch are supported.

Step 1 Enter playback interface.

Menu>Playback

Step 2 Select the **Normal/Smart** in the drop-down list on the top-left side.

Step 3 Select a camera in the camera list.

 **NOTE**

The main stream or sub stream for recording is configurable in Menu>Record>Parameters.


Step 4 Select a date in the calendar and click the  button on the left toolbar to play the video file.



Figure 6-3 Playback Calendar

If there are record files for that camera in that day, in the calendar, the icon for that day is displayed in different colors for different recording types: blue for continuous recording and red for event recording.

Step 5 Click the Normal radio button to start playing the continuous recorded files.

Playback Interface

You can use the toolbar in the bottom part of Playback interface to control playing progress, as shown in Figure 6-4.



Figure 6-4 Playback Interface



Figure 6-5 Toolbar of Playback

You can click the channel(s) to execute simultaneous playback of multiple channels.

 NOTE

- The **05-06-2016 16:33:42 -- 06-07-2016 10:53:24** indicates the start/end time of the recorded video files.
- Playback progress bar: use the mouse to click any point of the progress bar or drag the progress bar to locate specific frames.

Table 6-1 Detailed Explanation of Playback Toolbar





























Item	Button	Operation	Button	Operation
Smart Search		Draw quadrilateral for the motion detection		Search the matched video
		Set full screen for motion detection		Draw line for the line crossing detection
		Draw quadrilateral for the intrusion detection		Filter video files by setting the target characters
Operations		Audio on/Mute		Start/Stop clipping
		Digital Zoom		Lock File
		Add default tag		Add customized tag
		File management for video clips, captured pictures, locked files and tags		
Playing Control		Pause/Play		Reverse play/ Pause
		Slow forward		Stop
		30s forward		30s reverse
		Next day		Fast forward
		Previous day		
Time Bar Scaling		Previous/Next period		Play the time bar in 30 minutes (default)
		Play the time bar in 1 hour		Play the time bar in 2 hours
		Play the time bar in 6 hours		Play the time bar in 24 hours



Figure 6-16 Interface of Playback by Log

6.1.7 Playing Back External File

Purpose:

Perform the following steps to look up and play back files in the external devices.

Step 1 Enter Tag Search interface.

Menu>Playback

Step 2 Select the **External File** in the drop-down list on the top-left side.

The files are listed in the right-side list.

You can click the  Refresh button to refresh the file list.




Step 3 Select and click the  button to play back it. And you can adjust the playback speed by clicking  and .



Figure 6-17 Interface of External File Playback


6.2 Auxiliary Functions of Playback



6.2.1 Playing Back Frame by Frame

Purpose:

Play video files frame by frame, in case of checking image details of the video when abnormal events happen.

Go to Playback interface.

If you choose playback of the record file: click button  until the speed changes to Single frame and one click on the playback screen represents playback of one frame.

If you choose reverse playback of the record file: click button  until the speed changes to Single frame and one click on the playback screen represents reverse playback of one frame. It is also feasible to use button  in toolbar.

6.2.2 Thumbnails View

With the thumbnails view on the playback interface, you can conveniently locate the required video files on the time bar.

Step 1 Enter the playback interface and start to play the video files.

Step 2 Move the mouse to the time bar to get the preview thumbnails of the video files. Select and double click on a required thumbnail to enter the full-screen playback.



Figure 6-18 Thumbnails View



The thumbnail view is supported only in the 1X single-camera playback mode.

6.2.3 Fast View

You can hold the mouse to drag on the time bar to get the fast view of the video files.

Step 1 Enter the playback interface and start to play the video files.


Step 2 Use the mouse to hold and drag through the playing time bar to fast view the video files.

Step 3 Release the mouse to the required time point to enter the full-screen playback.



The fast view is supported only in the 1X single-camera playback mode.

6.2.4 Digital Zoom

Step 1 Click the  button on the playback control bar to enter Digital Zoom interface.



Step 2 You can zoom in the image to different proportions (1 to16X) by moving the sliding bar from  to . You can also scroll the mouse wheel to control the zoom in/out.



Figure 6-19 Draw Area for Digital Zoom

Step 3 Right-click the image to exit the digital zoom interface.

6.2.5 File Management

You can manage the video clips, captured pictures in playback, locked files and tags you have added in the playback mode.

Step 1 Enter the playback interface.


Step 2 Click  on the toolbar to enter the file management interface.



Figure 6-20 File Management

Step 3 You can view the saved video clips, lock/unlock the files and edit the tags which you added in the playback mode.

Step 4 If required, select the items and click **Export All** or **Export** to export the clips/pictures/files/tags to local storage device.

Chapter 7 Backup

7.1 Backing up Record Files

7.1.1 Quick Export

Purpose:

Export record files to backup device(s) quickly.

Step 1 Enter Video Export interface.

Menu>Export>Normal

Choose the channel(s) you want to back up and click **Quick Export** button.



NOTE

The time duration of record files on a specified channel cannot exceed one day. Otherwise, the message box “Max. 24 hours are allowed for quick export.” will pop up.



Figure 7-1 Quick Export Interface

Step 2 Select the format of the log files to be exported. Up to 15 formats are selectable.

Step 3 Click the **Export** to start exporting.

 **NOTE**

Here we use USB Flash Drive and please refer to the next section Normal Backup for more backup devices supported by the NVR.



Figure 7-2 Quick Export using USB1-1

Stay in the Exporting interface until all record files are exported.



Figure 7-3 Export Finished

Step 4 Check backup result.

Choose the record file in Export interface and click button  to check it.

 **NOTE**

The Player player.exe will be exported automatically during record file export.



Figure 7-4 Checkup of Quick Export Result Using USB1-1

7.1.2 Backing up by Normal Video Search

Purpose:

The record files can be backup to various devices, such as USB devices (USB flash drives, USB HDDs, USB writer), or SATA writer.

Backup using USB flash drives and USB HDDs

Step 1 Enter Export interface.

Menu>Export>Normal


Step 2 Select the cameras to search.

Step 3 Set search condition and click **Search** button to enter the search result interface. The matched video files or pictures are displayed in Chart or List display mode.



Figure 7-5 Normal Video Search for Backup

Step 4 Select video files or pictures from the Chart or List to export.

Click  to play the record file if you want to check it.

Check the checkbox before the record files you want to back up.



NOTE

The size of the currently selected files is displayed in the lower-left corner of the window.



Figure 7-6 Result of Normal Video Search for Backup

Step 5 Export the video files or picture files.

Click **Export All** button to export all the files.

Or you can select recording files you want to back up, and click **Export** button to enter Export interface.

 **NOTE**

If the inserted USB device is not recognized:

- Click the **Refresh** button.
- Reconnect device.
- Check for compatibility from vendor.

You can also format USB flash drives or USB HDDs via the device.



Figure 7-7 Export by Normal Video Search using USB Flash Drive

Stay in the Exporting interface until all record files are exported with pop-up message box “Export finished”.



Figure 7-8 Export Finished

 **NOTE**

The backup of video files using USB writer or SATA writer has the same operating instructions. Please refer to steps described above.

7.1.3 Backing up by Event Search

Purpose:

Back up event-related record files using USB devices (USB flash drives, USB HDDs, USB writer), SATA writer or eSATA HDD. Quick Backup and Normal Backup are supported.

Step 1 Enter Export interface.

Menu>Export>Event

Step 2 Select the cameras to search.

Step 3 Select the event type to alarm input, motion, or VCA.



Figure 7-9 Event Search for Backup

Step 4 Set the search conditions and click **Search** button to enter the search result interface. For the POS event type, you can also set the Keyword and enable the Case Sensitivity (upper case and lower case) to search the video files with the key word contained POS information.

Step 5 The matched video files are displayed in Chart or List display mode. Select video files from the Chart or List interface to export.

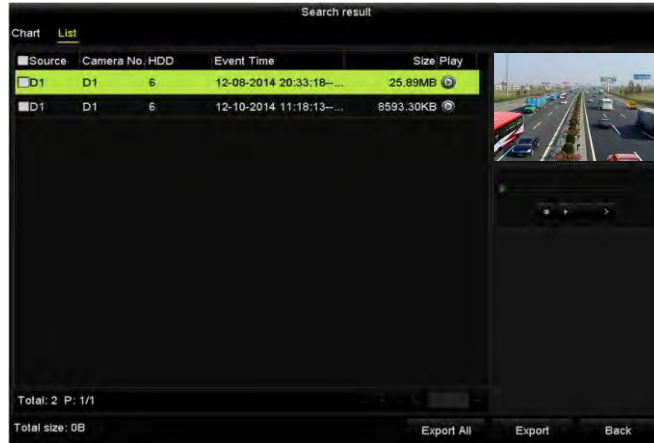


Figure 7-10 Result of Event Search

Step 6 Export the video files. Please refer to step5 of *Chapter 7.1.2 Backing up by Normal Video Search* for details.




7.1.4 Backing up Video Clips

Purpose:

You may also select video clips in playback mode to export directly during Playback, using USB devices (USB flash drives, USB HDDs, USB writer), SATA writer or eSATA HDD.

Step 1 Enter Playback interface.

Please refer to *Chapter 6.1 Playing Back Record Files*.

Step 2 During playback, use buttons  or  in the playback toolbar to start or stop clipping record file (s); or use the button  to capture pictures.


Step 3 Click the  to enter the file management interface.



Figure 7-11 Video Clips or Captured Pictures Export Interface

Step 4 Export the video clips or captured pictures in playback. Please refer to step5 of *Chapter 7.1.2 Backing up by Normal Video Search* for details.

7.2 Managing Backup Devices

Management of USB flash drives, USB HDDs and eSATA HDDs

Step 1 Enter the Export interface.



Figure 7-12 Storage Device Management

Step 2 Backup device management.

Click **New Folder** button if you want to create a new folder in the backup device.

Select a record file or folder in the backup device and click button if you want to delete it.

Click **Erase** button if you want to erase the files from a re-writable CD/DVD.

Click **Format** button to format the backup device.

NOTE

If the inserted storage device is not recognized:

- Click the **Refresh** button.
- Reconnect device.
- Check for compatibility from vendor.