



VSPlayer Software

User Manual

UD.6L0202D1505A01

Thank you for purchasing our product. This manual applies to VSPlayer software, please read it carefully for the better use of this software.

This manual may contain several technically inaccurate points or printing errors, and the content is subject to change without notice. The updates will be added into the new version of this manual.

We will readily improve or update the products or procedures described in the manual.

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Chapter 1 Introduction

1.1 Overview

The VSPlayer software is a media player designed for Windows OS. With user-friendly GUI, the software provides an intuitive, convenient way for playing media file and video control, and supports multiple audio and video formats.

1.2 Main Features

- Support playing the video files of the various kinds of devices, such as DVR, encoder, decoder, compression card, network camera, network speed dome, etc.
- Support multiple video file formats, including Hikvision H.264, standard H.264 and standard MPEG4.
- Support 1, 4, 9, 16-window division.
- Multiple languages GUI are provided.
- Capture pictures and continuous capture during playing.
- Get the file information.
- Support file clipping, file merging and file transcoding.
- Support watermark.
- Digital zoom.
- Accurately position the playback point by frame or time.
- Synchronous playback.
- Reverse playback.
- Display the VCA information on the video.
- Support playing encrypted file.
- Repeat between the configured two points.
- Live view via URL mode with RTSP.
- Support motion flow to provide fluent video.

1.3 System Requirements

Operating System: Microsoft Windows 8 / Windows 7 / Window XP (32-bit)

RAM: 512MB or above

1.4 Conventions

In order to simplify the description, we define the “VSPlayer software” as “software” in the following chapters.

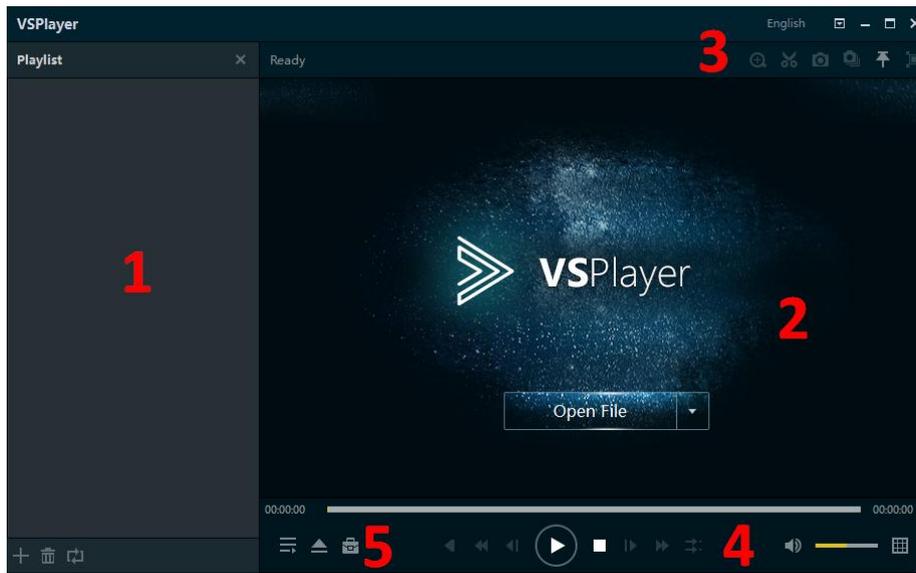
Chapter 2 Getting Started

2.1 Running the Software

The software is installation-free and you can directly decompress the downloaded package and double-click the  in the folder to run the software.

Note: To remove the software, you can just delete the folder.

The main interface of the software is shown below.

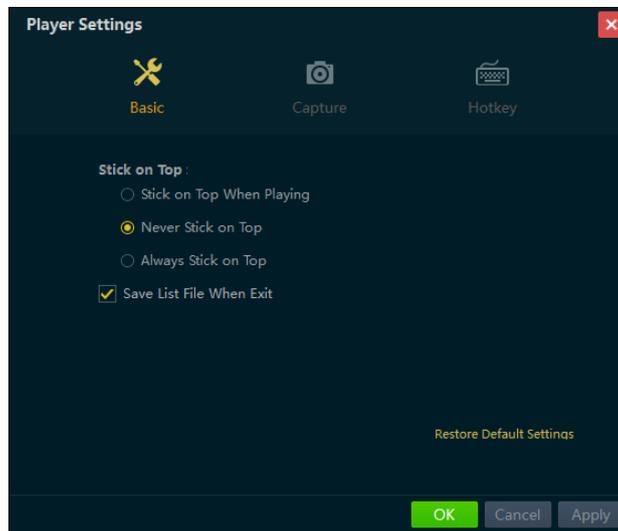


| No. | Icon / Button | Description |
|-----|---|--|
| 1 |  | Add the local media file to the software. |
| |  | Delete the added files. |
| |  | Set the playing mode for the file. |
| 2 |  | Display window area. You can click Open File to select the file for playing. |
| 3 |  | Select file, set language, configure player settings and check the software information. |
| |  | Minimize the software. |
| |  | Maximize the software. |
| |  | Exit the software. |
| |  | Digital zoom. |
| |  | Clip the file. |
| |  | Capture the playing video. |
| |  | Continuous capture of the playing video. |
| |  | Click to select whether to keep the window on top of all other windows. |

| | | |
|---|---|---|
| |  | Display the playing window in full-screen mode. |
| 4 |  | Reverse play. |
| |  | Slow forward. |
| |  | Frame backward. |
| |  | Play / pause the video. |
| |  | Stop playing. |
| |  | Frame forward. |
| |  | Fast forward. |
| |  | Synchronous playback. |
| |  | Audio on / mute. |
| |  | Set window-division. |
| 5 |  | Hide the playlist. |
| |  | Select files or open live view via URL mode. |
| |  | Activate the transcode and merge window. |

2.2 Player Settings

Click  and select **Settings**, or select **Settings** on the right-click menu of the playing window to enter the Player Settings interface. You can set basic, capture and hotkey settings for the player.



2.2.1 Basic Settings:

Steps:

1. Click **Basic** to enter the Basic Setting interface.
2. Set the option for Stick on Top.

Stick on Top When Playing: Keep the window on the top of all other windows when playing the file.

Never Stick on Top: Never keep the window on the top of all other windows at any time.

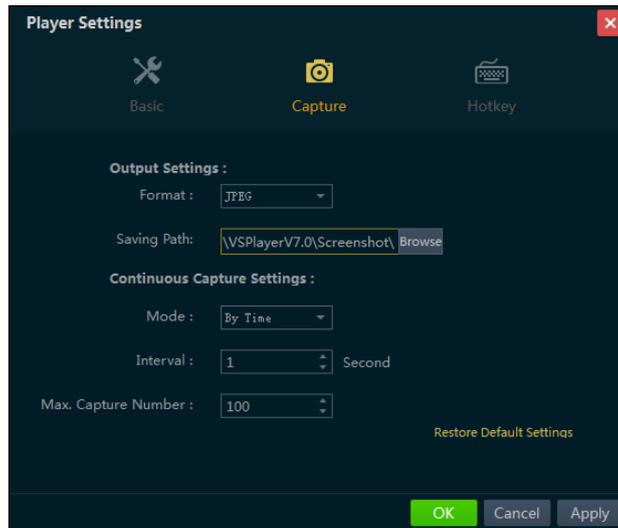
Always Stick on Top: Always keep the window on the top of all other windows.

3. Check the checkbox of **Save List File When Exit** to keep the playlist when you exit and you get the playlist next time you open the software.
4. You can also click **Restore Default Settings** to reset the parameters to the default values.
5. Click **Apply** to apply the settings. Or click **OK** to save the settings and exit.

2.2.2 Capture Settings

Steps:

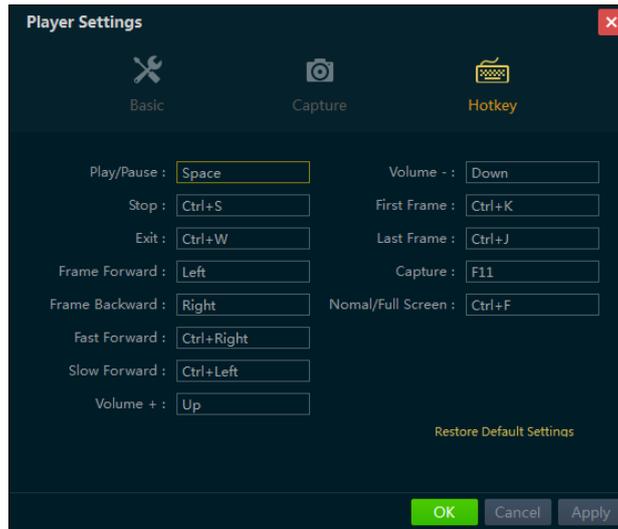
1. Click **Capture** to enter the Capture Settings interface.
2. Select the Format for the captured picture.
3. Click **Browse** to set the saving path for captured pictures.
4. For continuous capture, select the mode as by time / by frame, set the set the time / frame interval in the range of 1 to 100 seconds / frames, and configure the max. capture number in the range of 1 to 200.
5. You can also click **Restore Default Settings** to reset the parameters to the default values.
6. Click **Apply** to apply the settings. Or click **OK** to save the settings and exit.



2.2.3 Hotkey Settings

Steps:

1. Click **Hotkey** to enter the Hotkey Settings interface. You can view the keyboard hotkeys for the common functions of the software.
2. Click the text field, and you can change the hotkey as desired.
3. You can also click **Restore Default Settings** to reset the parameters to the default values.
4. Click **Apply** to apply the settings. Or click **OK** to save the settings and exit.



Chapter 3 Playing Video Files

Before playing the video or view the live video, you should add the supported media file to the playlist of the software.

3.1 Adding Video Files

The software provides 2 ways for adding the local video files, including adding files of the selected folder and adding files directly. And you can also open live view of device via URL mode.

Steps:

Adding Files

1. Click  in the playlist area, or click **Open File** on the playing window, or click  and select **Open File**, or click  and select **Open File** under **Open**.

Note: The **Open File** on the playing window is only available when no video is playing and the window-division is 1.

2. In the pop-up window, select the file for adding. You can also click-and-hold Shift or Ctrl key to select multiple files.

Adding Folders

1. Click  besides **Open File** on the playing window and select **Open Directory**, or click  and select **Open Directory**, or click  and select **Open Directory** under **Open**.

2. In the pop-up window, select a folder for adding. The supported files under the folders will be added to the software.

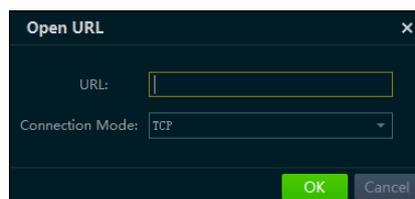
URL Mode

1. Click  besides **Open File** on the playing window and select **Open URL**, or click  and select **Open URL**, or click  and select **Open URL** under **Open**.

2. In the pop-up window, input the URL of the video and select the connection mode according to actual needs.

Notes:

- The format of the URL should be like
rtsp://admin:12345@172.10.7.157/mpeg4/ch01/main/av_stream.
- Only RTSP is supported for URL mode.



The following table shows the description of the right-click menu when you right-click the file.

Note: The right-click menu varies according to different file types.

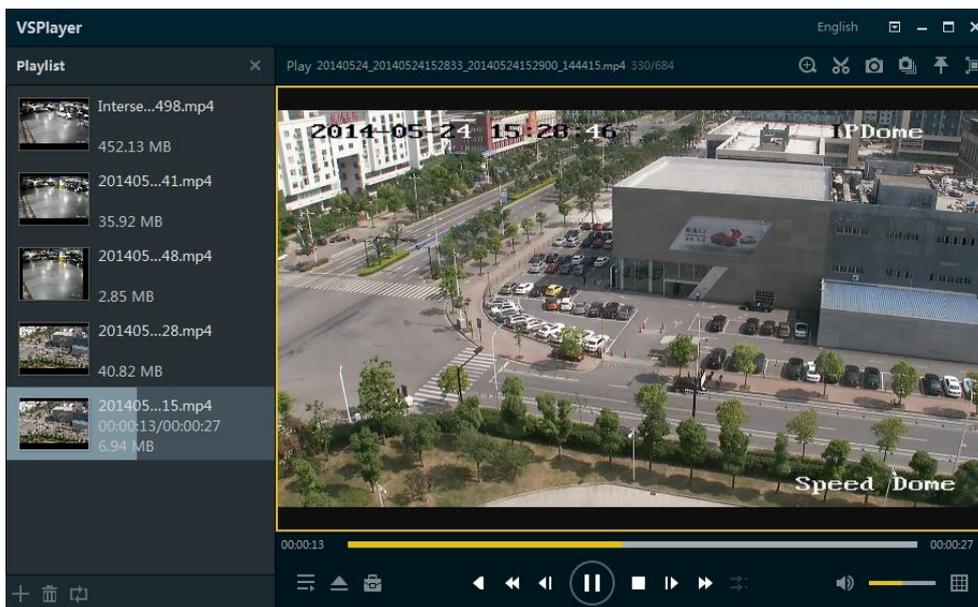
- Play/Pause:** Play/pause the file.
- Delete File:** Delete the selected file(s) from the software.
- Remove Invalid File:** Delete the all the invalid file of the playlist. The invalid files are marked with **Invalid**.
- Clear Playlist:** Delete all the files of the playlist.
- File Location:** Open the folder of the file.
- Enter Key:** Enter the key of the file which is encrypted.

3.2 Playing Control

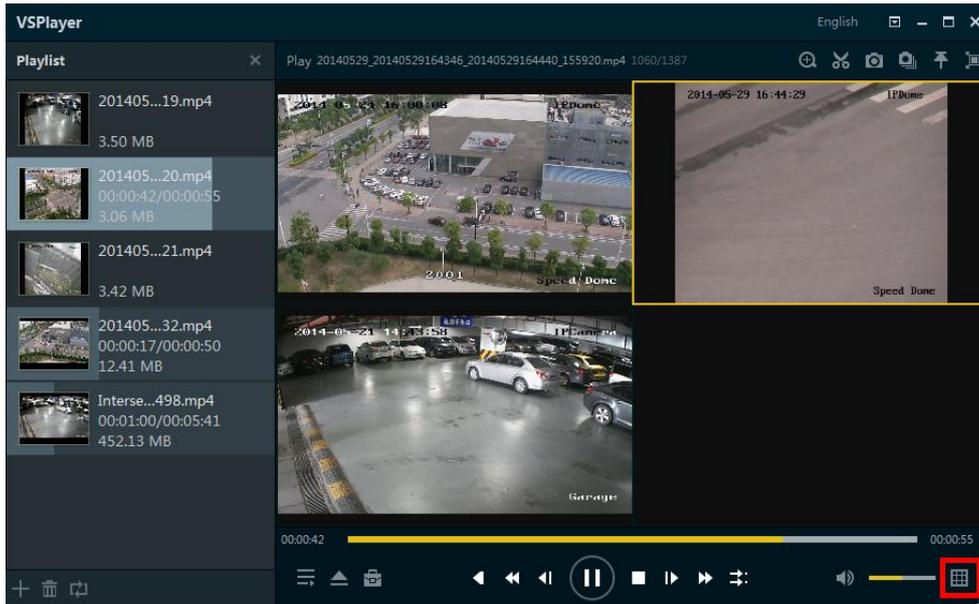
After adding the video files to the playlist, you can play the file and achieve the related functions to control the video playing.

The successfully added files list on the playlist panel and you can click-and-drag the file to the display window or double-click it for playing.

Note: For the encrypted files, you should enter the key in the pop-up window to play it.



Single-window Division



Multi-window Division

You can control the video playing by clicking the provided icons.

Note: Some icons are not available for the live view which accessing via URL mode.

| To | Do this |
|--------------------------|--|
| Set Playing Mode: | Click  to set the playing mode for the file as single, order, repeat one or repeat all. |
| Reverse play: | Click  to play the video reversely. |
| Slow forward: | Click  to set playback speed as 1/2, 1/4, 1/8 or 1/16. |
| Frame backward: | Click  to enable playback frame by frame. Click it once to go backward by one frame. |
| Play / Pause: | Click  or  to play or pause the video. |
| Stop: | Click  to stop playing. |
| Frame forward: | Click  to enable playback frame by frame. Click it once to go forward by one frame. |
| Fast forward: | Click  to set the playback speed as 2X, 4X, 8X or 16X. |
| Synchronous play: | Click  to start synchronous play under multi-window mode. The files for synchronous play should have overlapped time duration. Refer to <i>Chapter 3.5 Synchronous Playback</i> for details. |
| Audio control: | Click  to turn on/off the audio. |
| Window division: | Click  to set window division as 1*1, 2*2, 3*3 or 4*4. You can select a window and double-click a video file to play it. See the Figure Multi-window Division above. |
| Digital zoom: | Click  to enable digital zoom. Click  or  , or use the mouse wheel to zoom in or zoom out. Click-and-drag the |

| | |
|----------------------------|---|
| | image to move it under zoom-in mode. |
| File clipping: | Click  to clip the file and get the required video footage. Refer to <i>Chapter 3.7 Clipping File</i> for details. |
| Capture: | Click  to capture the playing video. Refer to <i>Chapter 3.6 Capture and Continuous Capture</i> for details. |
| Continuous capture: | Click  to start continuous capture of the playing video. Refer to <i>Chapter 3.6 Capture and Continuous Capture</i> for details. |
| Stick on Top: | Click  to select whether to keep the window on top of all other windows. |
| Full screen: | Click  to display the playing window in full-screen mode. |

Or you can right-click on the playing window to access the play control menu.

Note: Some items are not available for the live view which accessing via URL mode.



| | | |
|---------------------|--|---|
| Full Screen | Display the playing window in full-screen mode. | |
| Stick on Top | Stick on Top When Playing | Select whether to keep the window on the top of all other windows |
| | Never Stick on Top | |
| | Always Stick on Top | |
| Play Control | Locate by Time: Accurately position the playback point by time. Locate by Frame: Accurately position the playback point by frame. First Frame: Go to the first frame of the video. Last Frame: Go to the last frame of the video. Drop Frame: Drop the frame to reduce the CPU usage. Motion Flow: Enable the function to get the fluent video, especially for motion image. Repeat A-B Segment: Set the playing mode as repeating between the configured two points of the video. For other items, please refer to the description of the related icons. | |
| Play Mode | Set the playing mode for the file as single, order, repeat one or repeat all. | |

| | | |
|--|---|--|
| Mute | Turn off the audio of the file. | |
| Image Control | Image Rotation | Rotate the image during playing. |
| | Color Adjust | Set the parameters of saturation, hue, contrast and brightness |
| | Watermark | Check the watermark information of the video. |
| | VCA Info. | VCA: Display the VCA information. |
| Motion Detection: Highlight the motion of the video. | | |
| POS Text Overlay: Display the POS text. | | |
| Aspect Ratio | Set the video size as original size, 4:3, 16:9 or Fill Window. Set the window size as 2X, original size, 1/2 or 1/4. | |
| Window Division | 1 / 4 / 9 / 16-window division can be set. | |
| Capture | Capture the playing video. Refer to <i>Chapter 3.6 Capture and Continuous Capture</i> for details. | |
| Continuous Capture | Continuous capture of the playing video. Refer to <i>Chapter 3.6 Capture and Continuous Capture</i> for details. | |
| Digital Zoom | Enable digital zoom of the video. | |
| Clip | Clip the file to get the required video footage. Refer to <i>Chapter 3.7 Clipping File</i> for details. | |
| Transcode | Transcode the video format of the file to the standard AVI format. Refer to <i>Chapter 3.4 Transcoding File</i> for detailed configuration. | |
| Merge | Merge multiple files (>=2) into a single large file. Refer to <i>Chapter 3.3 Merging Files</i> for details. | |
| Settings | Configure the player settings, including basic, capture and hotkey settings. Please refer to <i>Chapter 2.2 Player Settings</i> for detailed information. | |
| File Information | Check the detailed information of the file, such as file name, video length, file size, file type and resolution, etc. | |

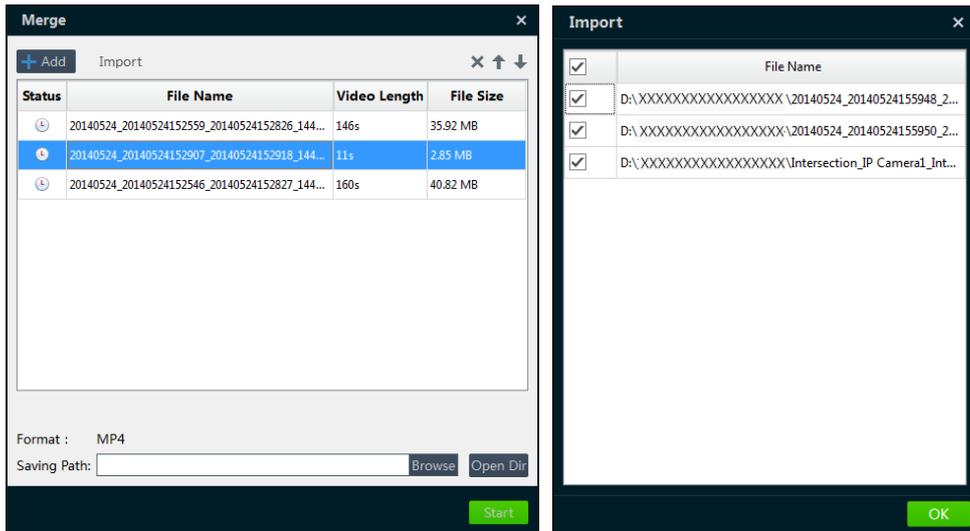
3.3 Merging Files

You can merge multiple files into a single large file to view all the needed files continuously.

Note: This function is not supported by the live view which accessing via URL mode.

Steps:

1. Click  and select **Merge**, or select **Merge** on the right-click menu of the playing window to enter the Merge interface.
2. Click **Add** to select the files from local PC, or click **Import** to select the files added to the playlist.



3. (Optional) click to select a file and click **X** to remove it from the merging list, click **↑** or **↓** to move the file up or down to adjust its merging position.
4. Click **Browse** to set a saving path and file name for the merged file. You can click **Open Dir.** to open the directory.
5. Click **Start** to start merging the files. You can click **Stop** during the merging process.
6. After the merging is done, a hint of “Merging completed.” will pop up. Click **OK** to confirm.

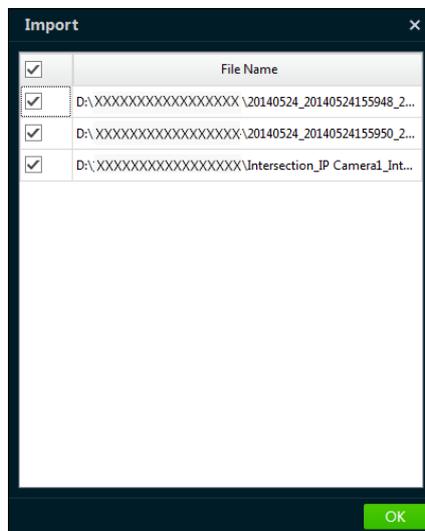
3.4 Transcoding File

You can transcode the files to the standard AVI format files.

Note: This function is not supported by the live view which accessing via URL mode.

Steps:

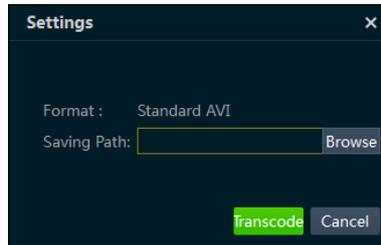
1. Click and select **Transcode**, or select **Transcode** on the right-click menu of the playing window to enter the Transcode interface.
2. Click **Add** to select the files from local PC, or click and select **Import** to select the files added to the playlist.



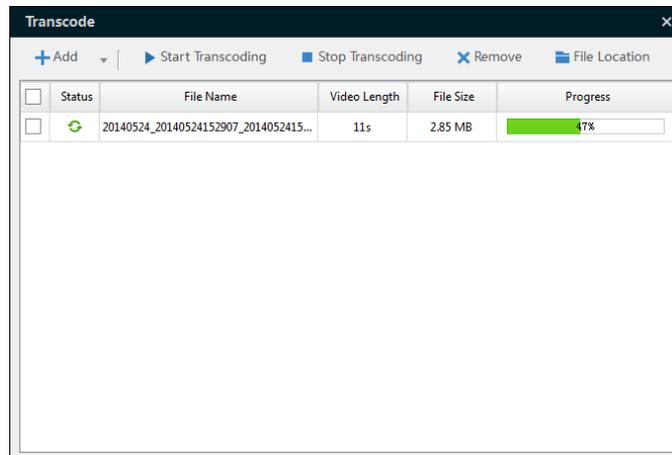
3. (Optional) click to select a file and click **Remove** to remove it from the transcode list, click

File Location to open the folder of the file.

4. Click **Start Transcoding** and click **Browse** to set the saving path for the file in the pop-up window.



5. Click **Transcode** to start transcoding the file. You can click **Stop Transcoding** during the transcode process.
6. After successfully transcoding, the progress of the file changes to Completed. You can click **Open Dir.** to open the directory of the transcoded file.



3.5 Synchronous Playback

The video files can be played back in synchronization if they have overlapped time duration.

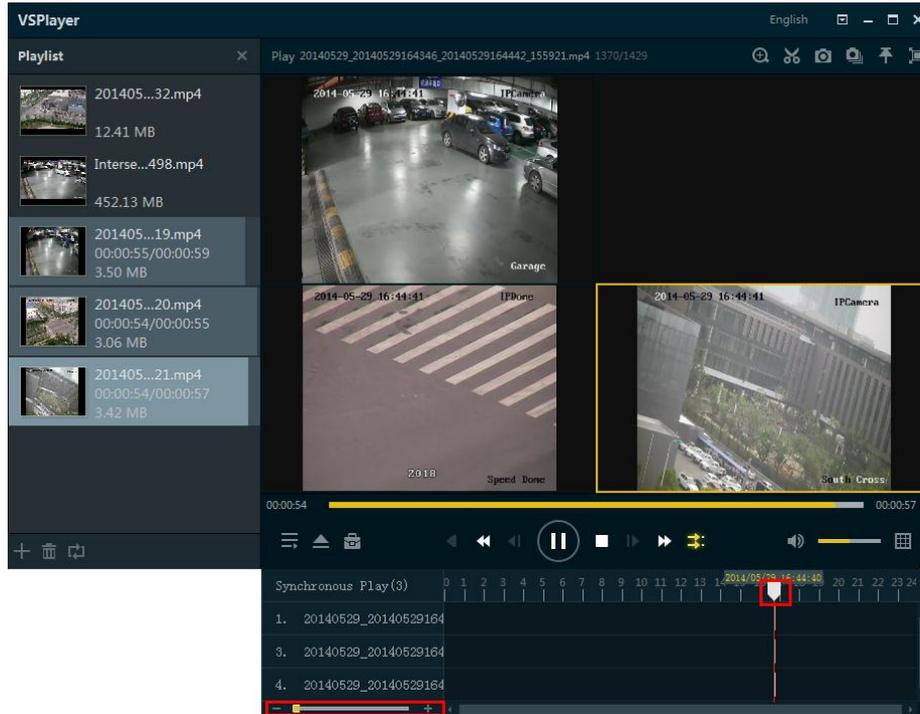
Note: This function is not supported by the live view which accessing via URL mode.

Steps:

1. Click and select a multi-window (2x2, 3x3 or 4X4) division.
2. Select a window and double-click a video file to play it.
3. Repeat step 2 to start playing multiple video files.
4. Click to start synchronous play.

Note: The files for synchronous play should have overlapped time duration.

5. (Optional) You can drag the to zoom in or zoom out the timeline bar. Click to adjust the playback position.



3.6 Capture and Continuous Capture

You can take pictures of the playing video and save them to local PC.

There are two ways available for capturing pictures, including Capture and Continuous Capture.

Capture: During the video playing, click  to take a picture for the video. Refer to *Chapter 2.2.2 Capture Settings* for the saving path and picture format of the captured pictures.

Continuous Capture: During the video playing, click  to start continuous capture of the playing video to take pictures continuously. You can click  to stop the continuous capture manually. Otherwise, the continuous capture stops after the number of captured pictures has reached the configured maximum capture number. Refer to *Chapter 2.2.2 Capture Settings* for the saving path of the captured pictures and the related parameters.

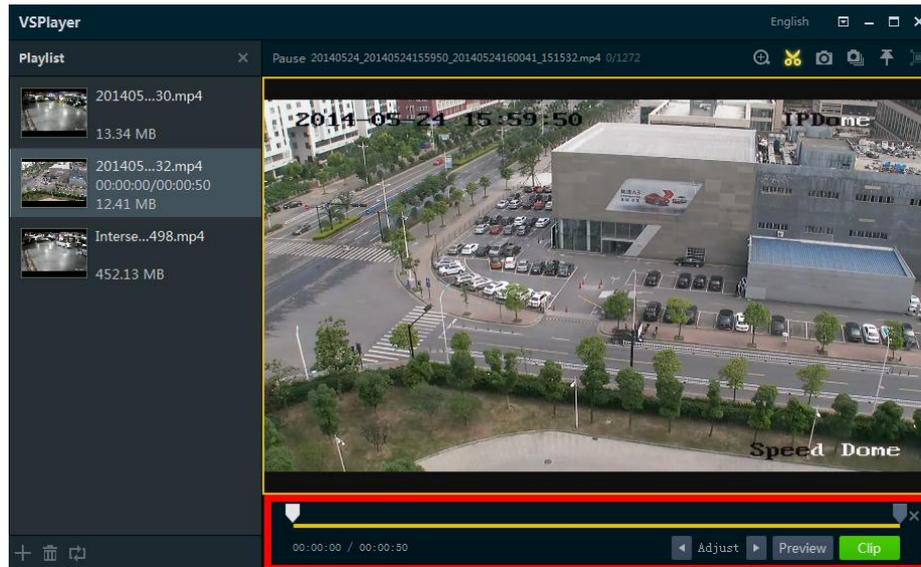
3.7 Clipping File

During playback, you can clip the file to get the required video footage.

Note: This function is not supported by the live view which accessing via URL mode.

Steps:

1. During the video playing, click  and the clip panel displays.



2. Drag  to set the desired starting and end position of the video footage. You can also click  and  to adjust the position.
3. (Optional) You can click **Preview** to view the clipped video.
4. Click **Clip** and select the saving path in the pop-up window to save the video footage.



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