VSPlayer Software for MAC

User Manual

About this Manual

This Manual is applicable to VSPlayer Software.

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons.

Please use this user manual under the guidance of professionals.

Contents

Chapter 1 Introduction

1.1 Overview

The VSPlayer software is a media player designed for MAC 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 System Requirements

Operating System: MAC 10.10 (64-bit)
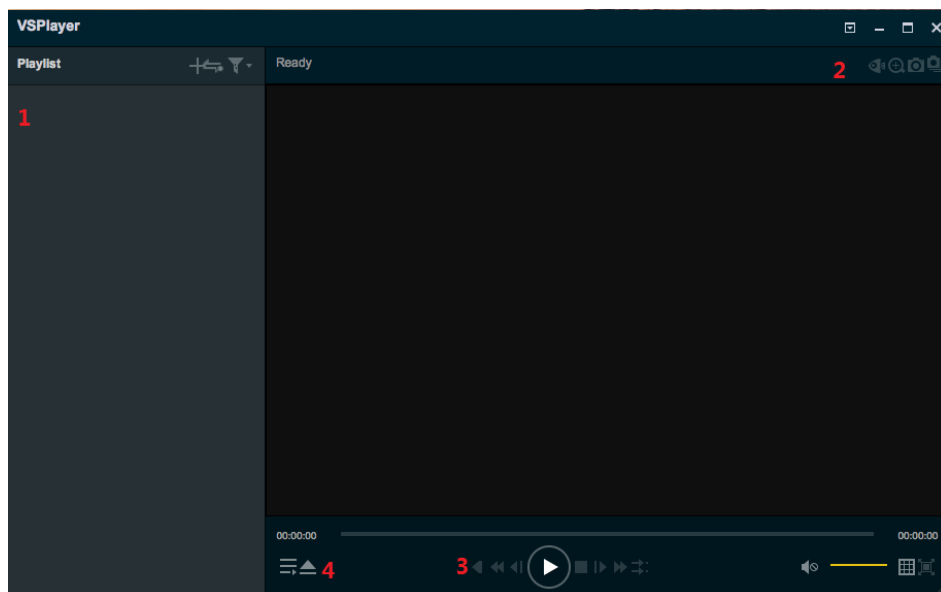**RAM:** 2GB or above

1.3 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 Software

After installing the software, click [icon] on the desktop to run the software.

The main page of the software is shown below. For the descriptions of the icons and buttons on the page, please refer to *Table 2.1 Main Page Introduction*.

Table 2.1 Main Page Introduction

No.	Icon/Button	Description
1	[icon]	Add the local media file to the software.
	[icon] / [icon]	Set the playing mode for the file as single, order, repeat one or repeat all.
	[icon]	Select to filter the files by file name or accurate time. Filtering by accurate time can search the video files of the configured time point.
2	[icon]	Select file, set language, configure player settings, view the user manual, and check the software information.
	[icon]	Minimize the software.
	[icon]	Maximize the software.
	[icon]	Exit the software.
	[icon]	Enter fisheye expansion mode.
	[icon]	Enable digital zoom. Use the mouse to draw a yellow rectangle and the image within it will be enlarged. A navigation window will show and you can drag the yellow rectangle to adjust its position. Click the icon

		again to disable digital zoom. You can also use the mouse wheel to zoom in or zoom out.
		Capture the playing video. Refer to *Chapter* **3.4 Capture and Continuous Capture** for details.
		Start continuous capture of the playing video. Refer to *Chapter* **3.4 Capture and Continuous Capture** for details.
		Play the video reversely. *Note:* It is not available for the live view which accessing via URL mode.
		Set playback speed as 1/2, 1/4, 1/8 or 1/16. *Note:* It is not available for the live view which accessing via URL mode.
		Enable reverse playback frame by frame. Click it once to go backward by one frame. *Note:* It is not available for the live view which accessing via URL mode.
		Play or pause the video.
3		Stop playing.
		Enable playback frame by frame. Click it once to go forward by one frame. *Note:* It is not available for the live view which accessing via URL mode.
		Set the playback speed as 2X, 4X, 8X or 16X. *Note:* It is not available for the live view which accessing via URL mode.
		Start synchronous play under multi-window mode. The files for synchronous play should have overlapped time duration. Refer to *Chapter* **3.3 Synchronous Playback** for details. *Note:* It is not available for the live view which accessing via URL mode.
		Turn off/on the audio. Drag the slider bar to adjust the volume.
		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 above figure with multi-window division.
		Display the playing window in full-screen mode.
4		Open files, open directory or open live view via URL mode.
		Hide 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 page. You can set basic, capture and hotkey settings for the player.

2.2.1 Basic Settings

Steps:

1. Click **Basic** to enter the Basic Settings page.
2. Set the location method during playing.
    By Timestamp: Click on the timeline to locate the image according to the timestamp.
    By Frame: Click on the timeline to locate the image according to the frame.
3. Check **Save List File When Exit** checkbox to keep the playlist when you exit and you can get the playlist next time you open the software.
4. You can also click **Restore** 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 page.
2. Select the Format for the captured picture.
3. Click **Browse** to set the saving path for captured pictures.
4. Set the continuous capture.
    Mode: Select the mode as by time / by frame.
    Interval: Set the time / frame interval in the range of 1 to 100 seconds / frames.
    Max. Capture Number: Configure the maximum capture number in the range of 1 to 200.
5. You can also click **Restore** to reset the parameters to the default values.
6. Click **Apply** to apply the settings. Or click **OK** to save the settings and exit.
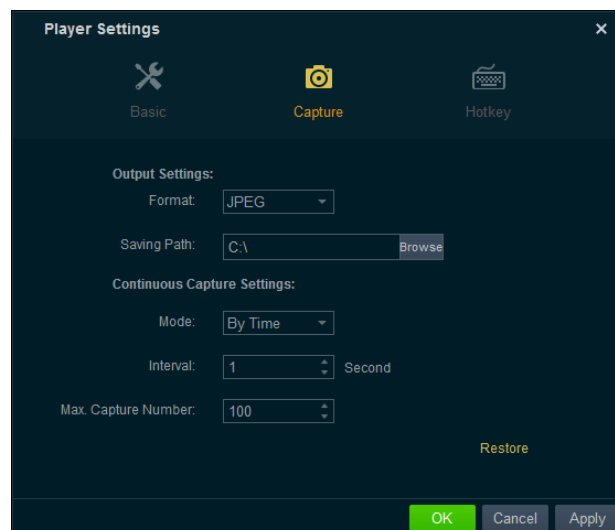
2.2.3 Hotkey Settings

Steps:

1. Click **Hotkey** to enter the Hotkey Settings page.
    You can view the keyboard hotkeys for the common functions of the software.
2. You can also click **Restore** to reset the parameters to the default values.

Chapter 3   Playing Video Files
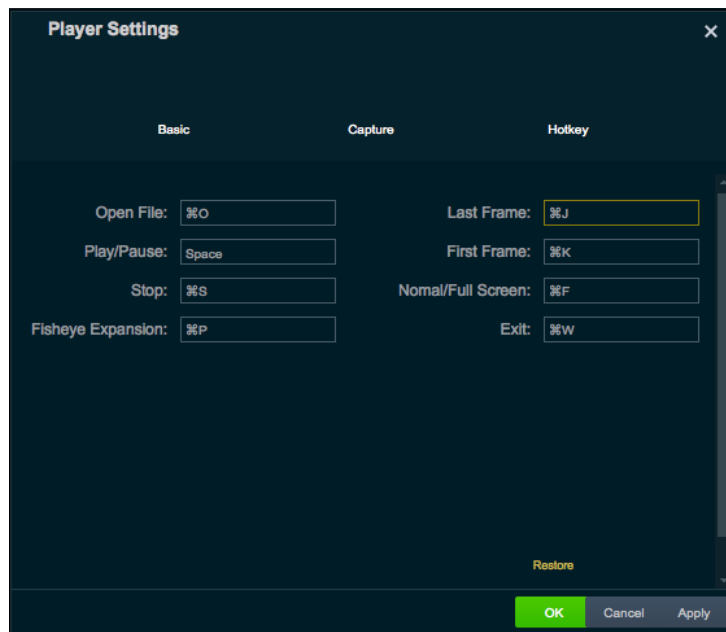
3.1   Adding the Video Files

The software provides two 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. After adding the video files, you can view the thumbnails of the video on play list.

Note: If the video file is merged by multiple video streams, you cannot view the thumbnails of the added video.

Adding Files

Steps:

1. Click ![icon] in the playlist area, or click **Open File** on the playing window, or click ![icon] and select **Open File**, or click ![icon] 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 hold Shift or Ctrl key to select multiple files.

Adding Folders

Steps:

1. Click ![icon] and select **Open Directory**, or click ![icon] and select **Open Directory** under **Open**.

2. In the pop-up window, select a folder for adding.

    You can add the supported files under the folders to the software.

URL Mode

Steps:

1. Click ![icon] and select **Open URL**, or click ![icon] and select **Open URL** under **Open**.

2. In the pop-up window, input the URL of the video.

    Note: Only RTSP and HLS protocol are supported for URL mode.

    ●   For RTSP protocol, *Format: rtsp://admin:12345@172.10.7.157/Stream/Channels/101*.

    admin: The user name of the camera.

    12345: The password to log in to the camera.

    172.10.7.157: The IP address of the camera.

    101: The main stream of camera 01.

    ●   For HLS protocol, *Format: http://10.20.37.12:9086/8ch06la25569d.m3u8*.

    You can generate the HLS URL when creating network media streaming task.

    You should select the connection mode according to actual needs.

Right-click the file in the Playlist and the following items are available on the right-click menu. For details, refer to *Table 3.1 Right-Click Menu on Playlist Description*.

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

Table 3.1 Right-Click Menu on Playlist Description

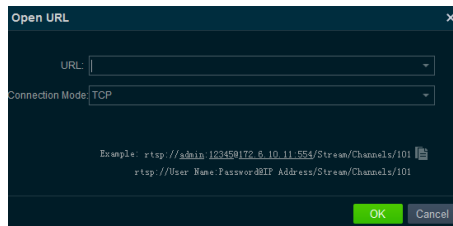| Name	Description
Play/Pause	Play/pause the file.
Delete File	Delete the selected file(s) from the software.
Remove Invalid File	Delete the all the invalid file of the playlist. The invalid files are marked with **Invalid**.
Clear Playlist	Delete all the files of the playlist.
File Location	Open the 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 drag the file to the display window or double-click it for playing.

Notes:

● For the encrypted files, you should enter the key in the pop-up window to play it.
● Only the media file with the name less than 256 characters can be played.

You can control the video playing by clicking the provided icons. For details, refer to *Table 3.2 Playing Control.*

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

Note: By default, VCA information does not display when starting playing the video.
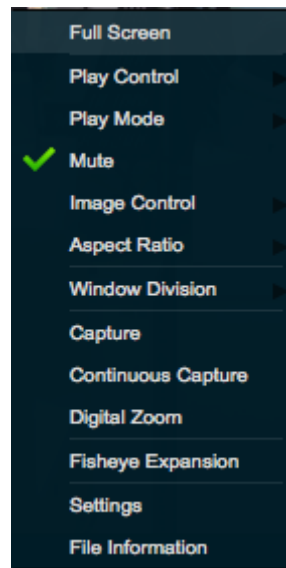
Table 3.2 Right-Click Menu on Display Window Description

Name	Description	
Full Screen	Display the playing window in full-screen mode.	
Play Control	**Locate by Timestamp:** Input the time and the video will be played back from that time. **Locate by Frame:** Accurately position the playback point by frame. **Locate by Accurate Time:** Locating by accurate time to play back the video of the configured time point. **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:** Click to enable this function, and drag the A and B point on the timeline to adjust the position. Then the video can repeat between the configured two points. 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	Watermark	Check the watermark information of the video.
	VCA Info.	**VCA:** Display the VCA information. ***Note:*** You should configure the VCA information for the live view which accessing via URL mode. For details, refer to the *User Manual* of the device.
		Motion Detection: Highlight the motion of the video. ***Note:*** You should configure the motion detection for the live view which accessing via URL mode. For details, refer to the *User Manual*

		of the device.
		POS Text Overlay: Display the POS text. *Note:* This function should be supported by the device and the device should be configured with POS text overlay. For details, please refer to the *User Manual* of the device.
		Temperature: Display the detected temperature. *Note:* This function is only available for thermal camera. For details, refer to the User Manual of the thermal camera.
		Picture Overlay: Display the picture on the display window. *Note:* You should configure the picture information for the live view which accessing via URL mode. For details, refer to the *User Manual* of the camera.
		Fire Source: Display the file source information. *Note:* This function is only available for thermal camera. For details, refer to the User Manual of the thermal camera.
Aspect Ratio	Set the video size as original size, 4:3, 16:9 or Fill Window. You can also set the window size as 2X, original size, 1/2 or 1/4.	
Window Division	Set the 1/4/9/16-window division.	
Capture	Capture the playing video. Refer to *Chapter **3.4 Capture and Continuous Capture*** for details.	
Continuous Capture	Continuous capture of the playing video. Refer to *Chapter **3.3 Synchronous Playback*** for details.	
Fisheye Expansion	Play the video files in fisheye expansion mode. Refer to *Chapter **3.5 Fisheye Expansion***. *Note:* It is not available for the live view which accessing via URL mode.	
Digital Zoom	Enable digital zoom of the video.	
Settings	Configure the player settings, including basic, capture and hotkey settings. Please refer to *Chapter **2.2 Player Settings*** 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   Synchronous Playback

Purpose:
You can play the video files in synchronization if they have overlapped time duration.
*Note:* This function is not available for the live view which accessing via URL mode or after

hardware decoding enabled.

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) Drag the ▭▬▬▬▬╫ to zoom in or zoom out the timeline bar. Click ⊔ to adjust the playback position.
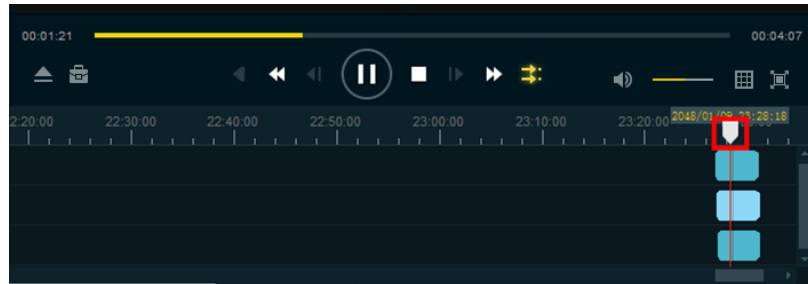
3.4   Capture and Continuous Capture

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.

3.5   Fisheye Expansion

Purpose:

You can play the fisheye camera's video files in fisheye expansion mode.

When playing the video files of the fisheye camera, you can click ⊡ button to enter the Fisheye Expansion page. Or you can right-click on the display window area and select **Fisheye Expansion** to enter the Fisheye Expansion page.

Notes:

● This function is not available for the live view which accessing via URL mode.

● The video files should be larger than 4K.

● The image will not display if the play performance of fisheye video exceeds the limit of memory and video card performance.

For the introductions of play control buttons, pleases refer to *Table 3.2 Playing Control*.

Steps:

1. Select the mounting type.

   Select ceiling mounting, wall mounting, or table mounting according to the actual mounting type you adopted for your camera.

2. Select the display mode.

   You can select a display mode for the layout of the live view window.

   ● **Fisheye View:** In the Fisheye view mode, the whole wide-angle view of the camera displays. This view mode is called Fisheye because it approximates the vision of a fish's convex eye. The lens produces curvilinear images of a large area, while distorting the perspective and angles of objects in the image.

   Fisheye View

   ● **Panorama/Dual-180º Panorama View:** In the Panorama view mode, the distorted fisheye image is transformed to normal perspective image by some calibration methods.

Panorama View


Dual-180⁰ Panorama View

- **PTZ View:** The PTZ view is the close-up view of some defined area in the Fisheye view or Panorama view, and it supports the electronic PTZ function, which is also called e-PTZ.
  Note: Each PTZ view is marked on the Fisheye view and Panorama view with a specific navigation area with different colors. You can drag the navigation area on the Fisheye view or Panorama view to adjust the PTZ view, or drag the PTZ view to adjust the view to the desired angle.
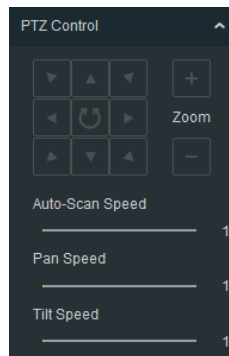
Fisheye+3PTZ View

Panorama+3PTZ View
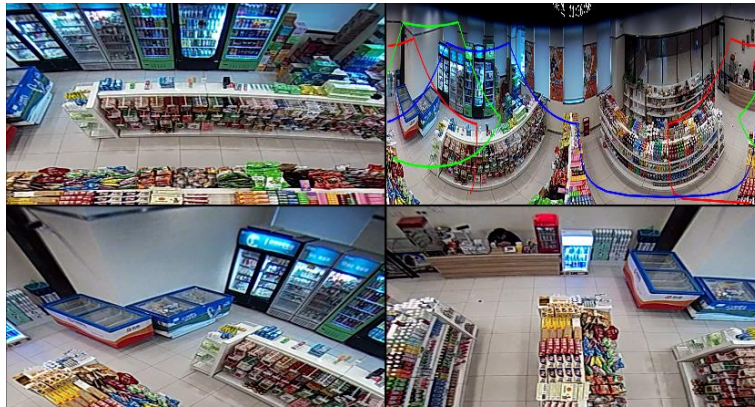
3. (Optional) For PTZ view, you can perform the PTZ control in the PTZ Control panel.

● Click the arrow button to adjust the image.
● Click ⊞ or ⊟ to zoom in or zoom out the view.
● Click ↻ to start auto-scan.
● Drag in the PTZ view and scroll the mouse wheel to realize the PTZ movements.
● Drag ▮ to set the auto-scan speed, pan speed, and tilt speed for better PTZ control.

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