VSPlayer

User Manual

V1.0.0

Thank you for purchasing our product. If there is any question or request, please do not hesitate to contact the dealer.

This manual is applicable to VSPlayer.

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.

Table of Contents

Chapter 1 Introduction 3

1.1 Description 3
1.2 Main Features 3

Chapter 2 Overview 4

2.1 VSPlayer Overview 4
2.2 Function Description 5
2.3 Icon Introduction 6

Chapter 3 Operations 7

3.1 File 7
3.1.1 Open a file 7
3.1.2 Check the File Information and Exit 7
3.2 Play 8
3.2.1 Play/Pause/Stop 8
3.2.2 Top Display 9
3.2.3 Play Control 9
3.3 Tools 13
3.4 Settings 13
3.4.1 General Settings 14
3.4.2 Play Settings 15
3.4.3 Picture Settings 15
3.4.4 Tool Settings 15
3.5 Help 15

Chapter 1 Introduction

1.1 Description

VSPlayer is a free media player designed for Mac OS. It provides an intuitive, easy-to-use interface to play digital media file, and supports a myriad of audio and video formats. In addition, it offers many advanced features, is extremely customizable, and is available in multiple languages.

1.2 Main Features

- Support various record files of encoder products, including:
  LTS Platinum series NVR, DVR, IPC;
- Support various file formats, including:
  Standard H.264, Standard MPEG4.
- Support file list play
- Support right-click menu
- Support various play modes and image quality parameter's configurable.
- Support multi-language.
- Support continuous capture mode
- Support file information check

1.3 Installing VSPlayer

Steps:

1: Download the VSPlayer package for MAC OS from the website which is in the dmg format.
2: Mount the dmg file to the MAC system and open it by double-clicking the file.
3: Right-click the installation file and select copy to copy it to the local disk.
4: Double-click the installation file to run the VSPlayer.

1.4 Uninstalling VSPlayer

Drag the VSPlayer application to your trash can to get it removed.

Chapter 2 Overview

2.1 VSPlayer Overview

Double click the shortcut icon on the desktop to run the software.

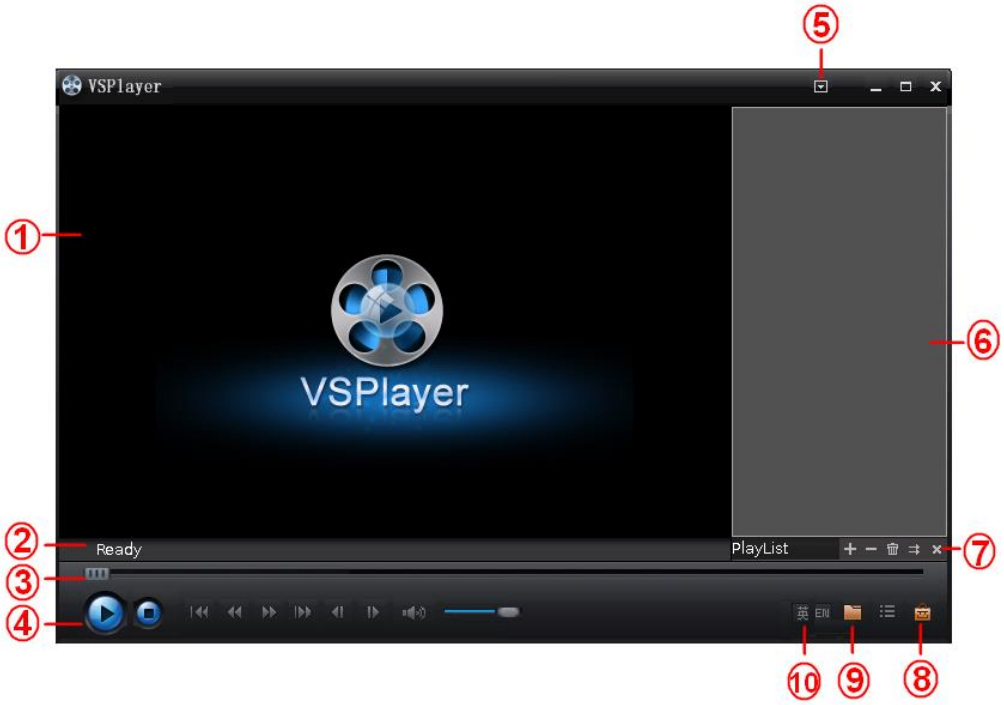

Figure 2-1 Interface Overview

Table 2-1 Interface Overview

	NAME	DESCRIPTION
1	Play Interface	Display the video.
2	Status Bar	Display the information of the elapsed time, frame, etc.
3	Process Bar	Display the play process.
4	Control Bar	Play/pause the video, adjust the play speed and the volume.
5	Main menu	Enter the main menu interface of the VSPlayer.
6	Playlist	Collect the videos which are going to be displayed.
7	Playlist Control Bar	Add/delete file, empty the playlist, and set the play mode.
8	Tool	Enable the capture and continuously capture function.
9	Open File	Open the file with a specific path efficiently.
10	Language	Switch the language between Chinese and English.

2.2 Function Description

Table 2-2 Function Description

ICON	MENU	SUBMENU
File	Open File	
	File Information	
	Exit	
Play	Play/Pause(Space)	
	Stop	
	Top Display ▸	Always; Never
	Play Control ▸	Locate; Frame Forward; Frame Backward; Speed Up; Speed Down
	Play Mode ▸	Single Player; Playlist Play; Repeat One; Repeat All
	View ▸	Full Screen; Quarter Size; Half Size; Normal Size; Double Size; Fixed Size; Image Control; Color Adjust
	Sound ▸	Mute; Volume Up; Volume Down
Tools	Capture	
	Continue Capture	
Setting	Play Settings (Please refer to the play settings table below)	
Help	About	
	Hotkey	

Table 2-3 Play Settings

MENU	ITEMS	SUBITEM	OPTIONS
General Settings	Basic ▸	Option ▸	Check High Quality Display; Deflash
		Play Optimization ▸	Efficiency Priority; Effect Priority
		Throw B-Frame ▸	Don’t Throw; Throw 1; Throw 2
		Player Time ▸	High Precision; Low Precision
	Hotkey/Mouse		
Play Settings	Video Locate		Time Locate; Frame Locate
	Play Speed		Increase Speed; Decrease Speed
Picture Settings	Image Control		Normal Resolution; Low Resolution
	Color Adjust		Lightness; Hue; Contrast; Chromaticity
Tool Settings	Capture		Save Path; Save Type
	Continue Capture		Save Path; Save Type

2.3 Icon Introduction

Table 2-4 Icons Description

ICON	DESCRIPTION
	Play
	Pause
	Stop
	Replay the file from the beginning; Push the playing process directly to the end of the file.
	Speed Up; Speed Down
	Frame Forward; Frame Backward
	Enable the volume; Mute; Volume Adjustment
	Language switches
	Add the files to the playlist
	Hide/show the playlist
	Capture; continue capture

Chapter 3 Operations

3.1 File

Purpose:

You are able to open a file or check the file information from the ***File*** menu, or you can exit the player by clicking Exit.

3.1.1 Open a File

Steps:

1. Click the ***File*** menu, and select the ***Open File*** menu item. An Open File dialog box will appear.
2. Select the file or files you want to open, and select ***Open*** to start playing the selected files. See Figure 3-1.

Note:

An alternative is to drag the needed file directly to the play window, and the file will be played as well.

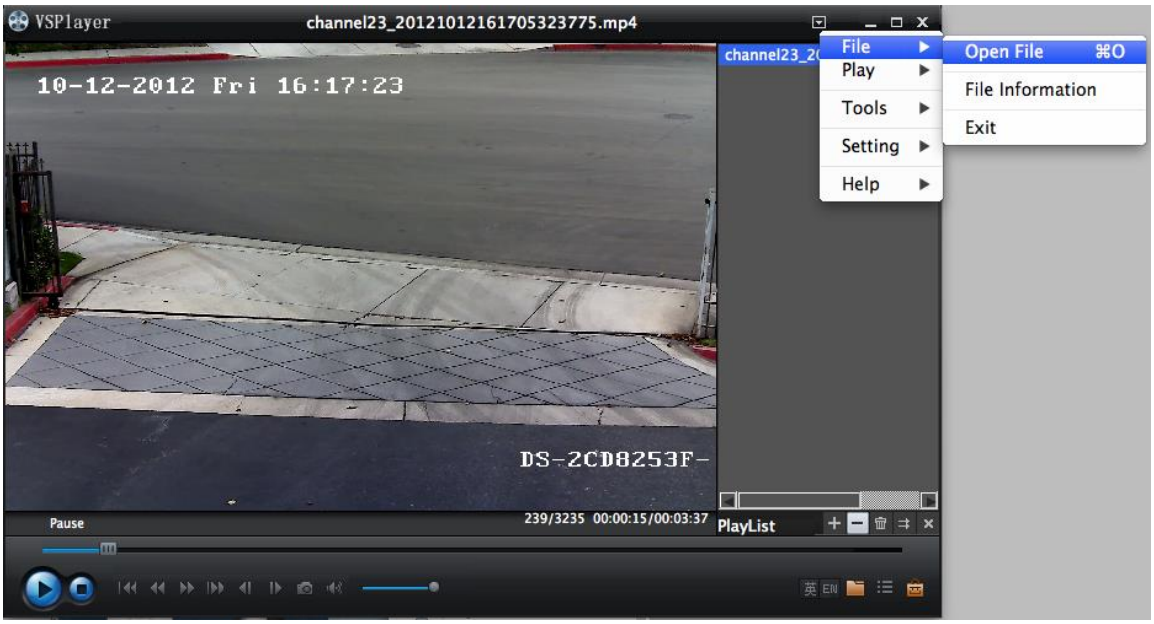

Figure 3-1 Open a File

3.1.2 Check the File Information and Exit

- File Information:

There are two ways to check the file information:

- Click ***File***, and go to ***File Information*** to check the related file information, including the file name, file type, resolution, frame rate, time, file size, and file path, etc.
- Right click on the play window, and go to ***File Information*** to check.

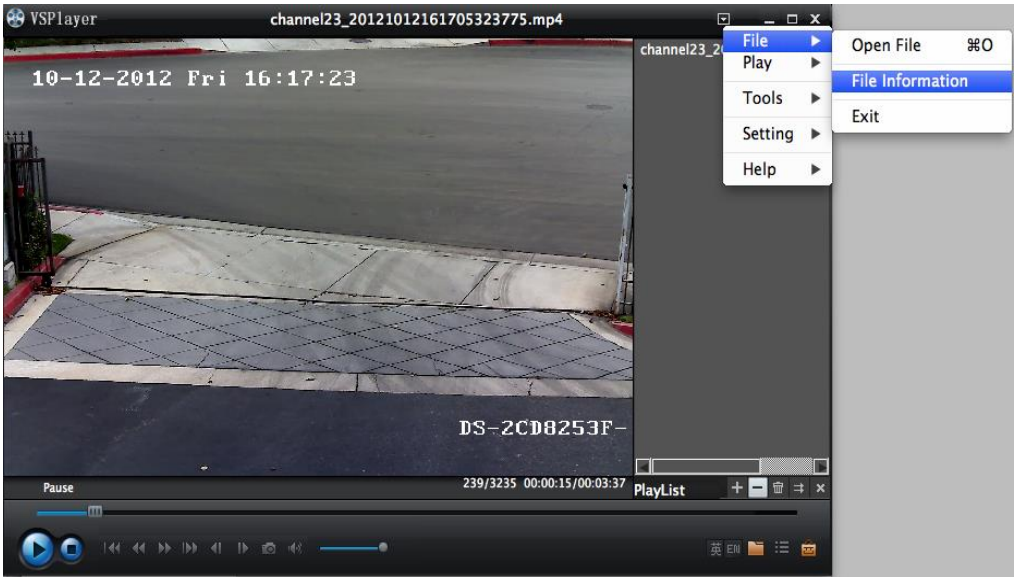

Figure 3-2 File Information Check

- Exit

  Instead of clicking on the top right corner, you can also go to ***File***, and go to ***Exit*** to stop runing the player.

3.2 Play

Purpose:

You can change the play-related settings under ***Play*** menu, including **Play/Pause/Stop**, **Top Display**, **Play Control**, **Play Mode**, **Player Size**, **Sound** and **Language**, etc.

3.2.1 Play/Pause/Stop

You have several ways to pause/stop a playing file.

- Click on the top right corner, go to Play tab, and then select ***Play/Pause*** or ***Stop***;
- Right click on the play window, go to **Play/Pause/Stop**;
- Click , or to play/pause or stop the file.

3.2.2 Top Display

Purpose:

If there are several windows opened on the desktop at the same time, the ***Top Display*** will makes the VSPlayer window appear at the top of the others, so that you can easily access it.

Steps:

1. Click on the top right corner, go to ***Play***, and then select ***Top Display***.
2. Set the Top Display to ***Always*** to enable the function, or select ***Never*** if you don't want to top display the video.

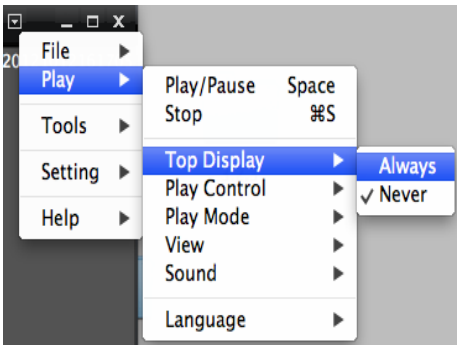

Figure 3-3 Top Display

Note: you can also enable the Top Display via right click on the play window, and go to ***Top Display*** tab, then set it to ***Always*** or ***Never***.

3.2.3 Play Control

Purpose:

Play control helps you to locate the file to a specific timing or frame. And you can also adjust the file process by frame or speed.

3.2.3.1 Locate the File

Steps:

1. Click on the top right corner, and go to ***Play***.
2. Select ***Play Control***, and go to ***Locate***.
3. Input the timing or the frame you want the file to start, and then click ***Locate*** to get it located.

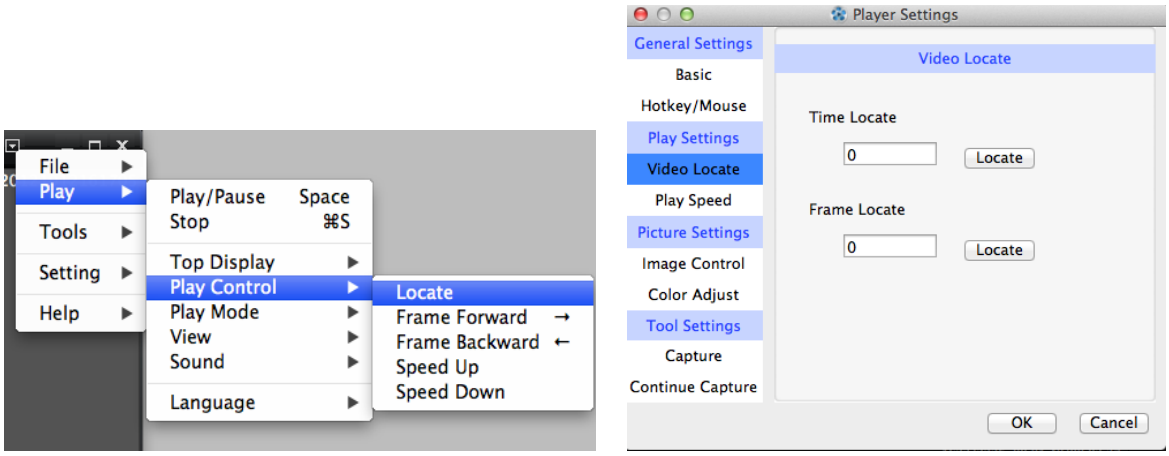

Figure 3-4 Locate the File

Note:

An alternative is to right click on the play window, and go to ***Play***->***Play Control***->***Locate***.

3.2.3.2 Frame Forward/Frame Backward

Video frame is one of the many still (or nearly so) images which compose the complete moving picture. When the moving picture is displayed, each frame is flashed on a screen for a short time and then immediately replaced by the next one.

Frame forward/frame backward provides you to control the video process by frame. The video will be paused at the second you select **Frame Forward/Frame Backward**, and you can check the video out frame by frame.

Steps:

1. Click on the top right corner, and go to ***Play***.
2. Select ***Play Control***, and go to ***Frame Forward/Frame Backward***.
3. Forward/backward the video by clicking the Frame Forward/Frame Backward again. Or you can use the hotkey of ←→, or to frame forward/backward the video.

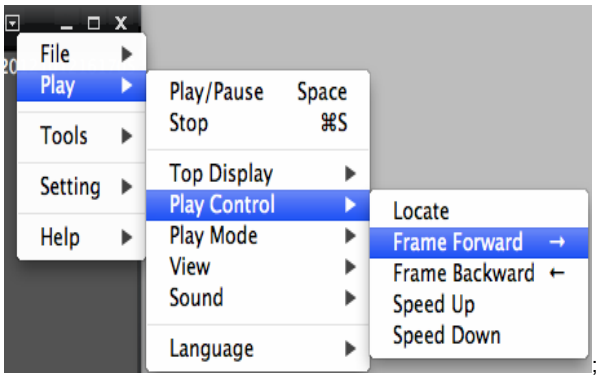

Figure 3-5 Frame Forward/Frame Backward

3.2.3.3 Speed Up/ Speed Down

The VSPlayer provides four ways for you to speed up/speed down the video play.
X2, x4, x8, and **x 16** are selectable for speed up, **speed/2**, **speed/4**, **speed/8**, and **speed/16** are selectable for speed down.

- Click on the top right corner, and go to ***Play***-> ***Play Control*** -> ***Speed Up/Speed Down.***
- Right click on the play window, and click ***Play Control*** -> ***Speed Up/Speed Down.***
- Click to speed up or speed down.
- Set the play speed from the Play Settings, please refer to the figure below.

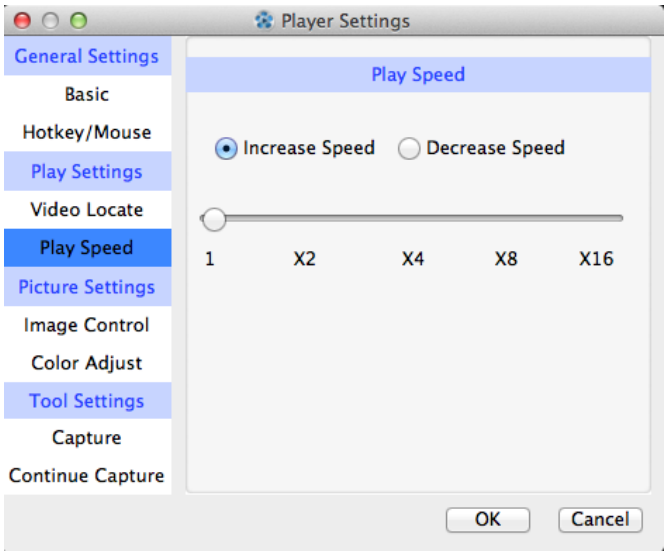

Figure 3-6 Set the Play Speed From Player Settings

3.2.3.4 Play Mode

The playlist supports several playback modes: Single Play, Playlist Play, Repeat One, and Repeat All.

Single Play plays the selected file and stops when the file finish.
Playlist Play plays the files according to the sequence in the playlist.
Repeat One keeps play the current selected file until another file is forced.
Repeat All loop plays the playlist until another command is received.

You can follow the ways below to set your desired play mode.

- Click on the top right corner, and go to ***Play***-> ***Play Mode*** -> ***Single Play/Playlist Play/Repeat One/and Repeat All***
- Right click on the play window, and go to ***Play Mode*** to select.

- Click on the lower right corner, and select the play mode.

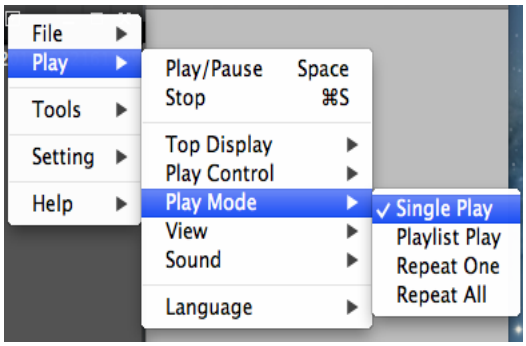

Figure 3-7 Play Mode

3.2.3.5 View

Purpose:

From the ***View*** tab, you are able to set the window size, control the image quality and adjust the image color.

Window Size:

The VSPlayer provides several window sizes for better viewing experience. You can select from Full Screen, Quarter Size, Half Size, Normal Size, Double Size, and Fixed Size according to your own preference.

Note:

The window size of the VSPlayer is self-adaptive to the file resolution, which means the window size may change according to the different resolution, however, if fixed size is selected, the window remain the same size even different files are played.

You can follow the ways below to select your desired window size.

- Click on the top right corner, and go to ***Play***-> ***View***-> ***Full Screen/Quarter Size/Half Size/Normal Size/Double Size***.
- Click on the
- Right click on the play window, and go to ***View*** to select.

Image Control (Coming Soon):

Normal Resolution is preferred when the usage of the CPU is low to guarantee the image quality, however, the ***Low Resolution*** is preferred if the usage of the CPU is too high to guarantee the image fluency.

Color Adjust (Coming Soon):

You are able to adjust the Lightness, Hue, Contrast, and Chromaticity of the image from Color Adjust option.

Lightness refers to the brightness of the image.

Hue refers to the quality of a color as determined by its dominant wavelength.

Contrast refers to the perceptual effect of the juxtaposition of very different colors.

Chromaticity refers to an objective speciation of the quality of the color regardless of its luminance.

3.3 Tools

Purpose:

Under the ***Tools*** menu, you are able to capture the picture by using the ***Capture*** or ***Continue Capture***.

Capture allows you to snapshot the image and save it at the specific path.

Continue Capture snapshots the image continuously at a speed of one picture per second, and save them at the specific path.

There are three ways for you to capture the image.

- Click on the top right corner, and go to ***Tools***-> ***Capture/Continue Capture***.
- Right click on the play window, and go to ***Capture*** *or* ***Continue Capture.***
- Click on the low right corner, and select ***Capture*** or ***Continue Capture***.

The captured file can be saved at the specific path in different format (BMP or JPEG) by the configuration in the Player Settings. Please refer to the figure below.

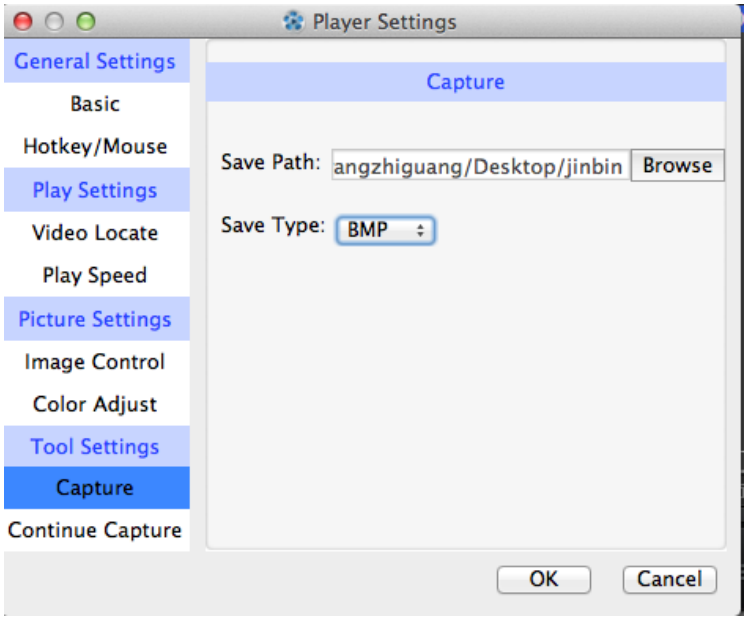

Figure 3-8 The Save Path

3.4 Settings

Purpose:

You can configure general settings, Play Settings, Picture Settings, and Tool Settings from the Play Setting interface. Please refer to the pictures below.

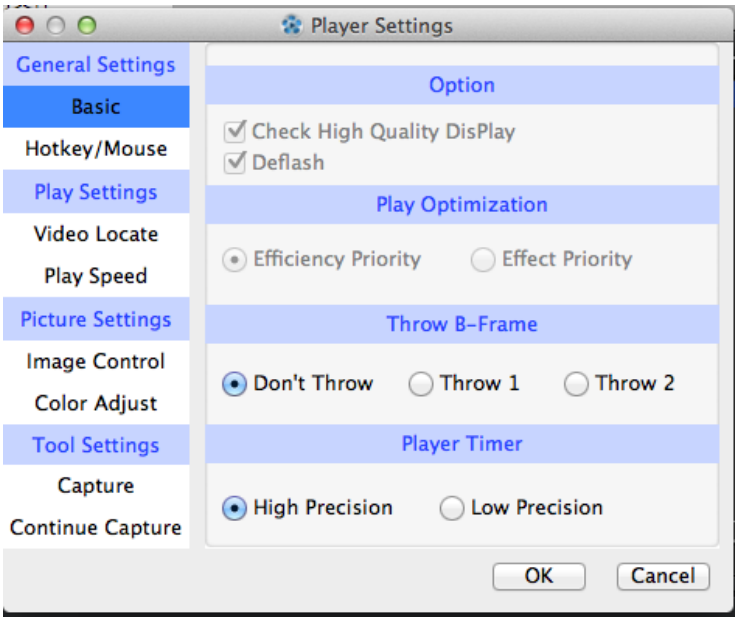

Figure 3-9 Player Settings

3.4.1 General Settings

Basic

- **Option (Coming Soon)**

Check High Quality Display and **Deflash** are configurable.

If **Check High Quality Display** is selected, the CPU usage is higher, and the image quality is better. If there are several VSPlayers playing together, you can uncheck the checkbox to lower the CPU usage. If there is some noise in the still image, the video presents a slight flash or refresh. If the **Deflash** function is enabled, the flash or refresh will be eliminated or improved, and the noise will be reduced as well.

- **Play Optimization (Coming Soon)**

Efficiency Priority ensure the fluency is prior during the playing

Effect Priority ensures the effect of the image is prior during the playing.

- **Throw B-Frame**

Throw B-Frame is used to ensure the file fluency. **Don't Throw**, **Throw 1** and **Throw 2** are selectable. Throw 1 and Throw 2 are preferred if the fluency is not so satisfied.

- **Player Timer**

High Precision and **Low Precision** are selectable. High precision is used when the image quality is prior. And the Low precision is used when the file fluency is prior.

Hotkey/Mouse

Hotkeys are sometimes referred to as shortcut keys because of their ability to easily trigger an action. The VSPlayer provides many hotkeys for better operation. Please refer to the figure below.

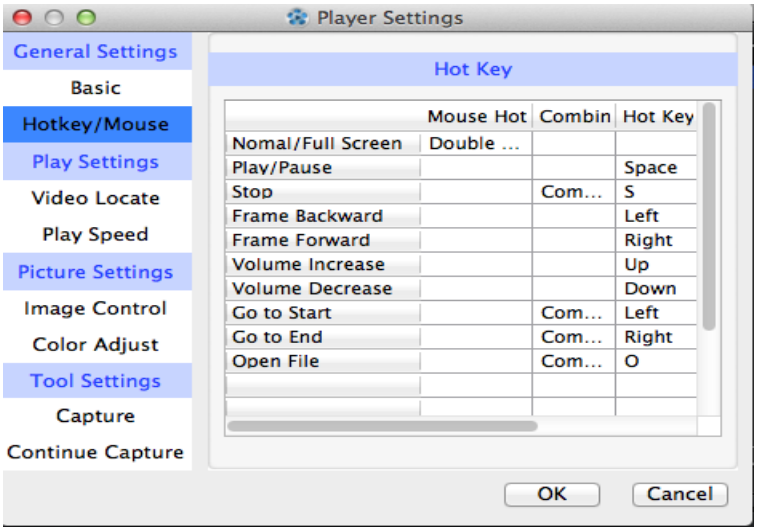

Figure 3-10 Hotkeys

3.4.2 Play Settings

Please refer to ***Chapter 0 Locate the file*** and ***Chapter 3.2.3.3 Speed Up/ Speed Down.***

3.4.3 *Picture Settings*

Please refer to the Image Control and Color Adjust sections in ***Chapter 3.2.3.5 View.***

3.4.4 Tool Settings

Please refer to ***Chapter 3.3 Tools***.

3.5 Help

Purpose:

You can check the software version and hotkeys from the Help menu.

- About

The current software version will be listed if you go to ***Help***, and click ***About***.

- Hotkeys

Please refer to Hotkey/Mouse section in ***chapter 3.4.1 General Settings***