

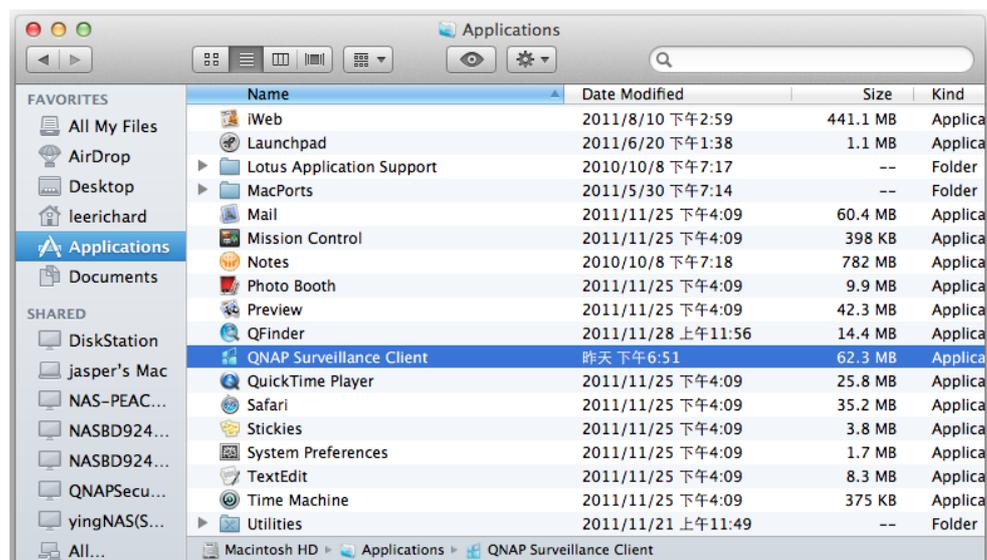
# QNAP Surveillance Client for Mac

## Chapter 1. Install QNAP Surveillance Client

1. Double click on 'QNAP Surveillance Client.dmg'. After few seconds, the following image will be shown.



2. Drag icon of QNAP Surveillance Client to icon of Application.
3. Run 'QNAP Surveillance Client'.



## Chapter 2. Login Turbo NAS/VioStor NVR

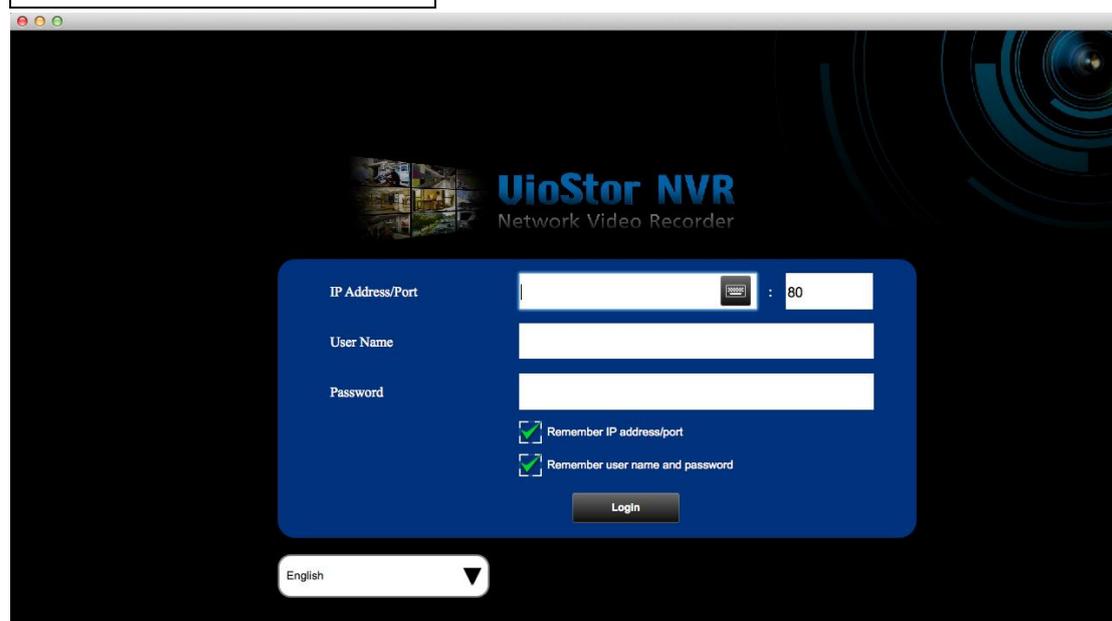
### [Important Notice]

1. If the Turbo NAS/VioStor NVR has not been configured, please use Internet Explorer (Windows) to enter Quick Configuration first.
2. The VioStor NVR Pro series also supports quick configuration by the local display interface (direct connection to a monitor through the VGA/HDMI port).
3. When monitoring or playback by the QNAP Surveillance Client, the resolution width or resolution height of the video stream must not exceed 2048.

When the Turbo NAS/VioStor NVR is turned on, the login screen will be shown automatically. Select the language what you want to use. Enter the administrator name and password.

Default user name: admin

Password: admin



After you enable "Remember IP address/port," then you can enable "Remember user name and password." The setting can be saved after last successful login.

Click the keyboard icon  to enter the necessary information if a USB keyboard is not available.



The monitoring page will be shown upon successful login.

## Chapter 3. Monitoring

Upon successful login, the monitoring screen will show up. You can monitor the IP cameras, change the display mode, enable or disable manual recording, control the PTZ cameras, and so on.



Icon	Description
	Monitor: Enter the monitoring page.
	Playback: Enter the playback page.
	Hide left panel: Hide the panel on the left of the monitoring page.
	Show left panel: Show the panel on the left of the monitoring page.
	Options: Configure the event notification settings, video window display settings, screen resolution, etc.

	<p>About:</p> <p>View the application version.</p>
	<p>Logout:</p> <p>Logout the NVR.</p>
	<p>Manual recording:</p> <p>Enable or disable recording on the IP camera.</p>
	<p>Audio (optional):</p> <p>Turn on or off the audio support for the monitoring page.</p>
	<p>Event notification:</p> <p>When the alarm recording is enabled and an event is detected, this icon will be shown. Click this icon to view the alert details.</p>

The alert sound can be turned on or off. To clear all the logs, click 'Clear All'.

The system event logs are shown in this dialog. Click "Clear All" to delete all logs.

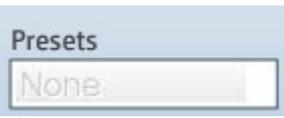
Type	Camera	Date & Time	Log
Alarm	1	2011-12-27 10:43:54	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:51	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:47	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:42	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:38	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:36	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:34	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:31	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:27	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:24	Motion detected on Camera 1.
Alarm	1	2011-12-27 10:43:20	Motion detected on Camera 1.

Alert sound

Clear All Close

## PTZ Control Panel

The term 'PTZ' stands for 'Pan/Tilt/Zoom'. If the IP camera supports PTZ, you can use the control panel on the NVR to adjust the viewing angle of the IP camera. These functions are available depending on the camera models. Please consult the camera's documentation for details. Note that the digital zoom function will be disabled when the PTZ function is in use.

Icon	Description
 A circular control panel with a central square button and eight surrounding triangular buttons pointing inwards, representing pan and tilt controls.	<p>Pan and tilt:</p> <p>If the PTZ camera supports pan and tilt functions, click these buttons to pan or tilt the camera.</p>
 A control panel with a 'Presets' label and a dropdown menu currently showing 'None'.	<p>Preset positions:</p> <p>Select the preset positions of the PTZ camera.</p>
 A control panel with two buttons: a plus sign (+) on the left and a minus sign (-) on the right, used for zooming.	<p>Zoom in/Zoom out:</p> <p>If the PTZ camera supports zooming, click these buttons to zoom in or zoom out.</p>
 A control panel with a magnifying glass icon, used to enable digital zoom.	<p>Digital zoom:</p> <p>Select a channel and click this button to enable the digital zoom function. When enabled, click '+' to zoom in or '-' to zoom out.</p>
 A control panel with a focus icon (a person) and a focus adjustment icon (a triangle), used to adjust focus.	<p>Focus control:</p> <p>Adjust the focus control of the PTZ camera.</p>

## Display Mode

The Turbo NAS/VioStor NVR supports various display modes for monitoring. Click the correct icon to switch the display mode.

Icon	Description
	Full screen
	Single-channel mode
	4-channel mode
	6-channel mode
	8-channel mode
	9-channel mode
	10-channel mode
	12-channel mode
	16-channel mode
	Select the display page number
	Sequential mode. This mode can be used with other display modes. Click  to enable or disable sequential mode. Click  to define the time interval of which the channels will be displayed.

### Note:

Turbo NAS/VioStor NVR models support 1 to 16-channel display modes on UI of QNAP Surveillance Client for MAC currently.

## Live View Screen

Upon successful configuration of the IP cameras, enter the monitoring screen to view the live video from the cameras.



If the camera supports pan and tilt functions, click the channel on the screen and adjust the viewing angle with a mouse. If zooming is supported, scroll the mouse wheel to zoom in or zoom out the video. These functions are available depending on the camera models. Please consult the camera's documentation for details.

## Camera Status

The camera status is indicated by the icons shown below:

Icon	Camera Status
	Scheduled or continuous recording is in process
	This IP camera supports audio function
	This IP camera supports PTZ function
	Manual recording is enabled
	The recording triggered by advanced event management ('Camera Settings' > 'Alarm Settings' > 'Advanced Mode') is in process
	The alarm input 1 of the IP camera is triggered
	The alarm input 2 of the IP camera is triggered
	The alarm input 3 of the IP camera is triggered
	Motion detection recording is in process
	Digital zoom is enabled

## Connection Message

When the Turbo NAS/VioStor NVR fails to display the video of an IP camera, a message will be shown in the channel window to indicate the status.

Message	Description
Connecting	If the IP camera is located on remote network or the Internet, it may take some time to establish the connection to the camera.
Disconnected	The Turbo NAS/VioStor NVR cannot connect to the IP camera. Please check the network connection of the computer and the availability of the IP camera. If the IP camera is installed on the Internet, open the port on the router or gateway to connect to the IP camera. Please refer to <a href="#">錯誤! 找不到參照來源。</a>
No Permission	No access right to view the channel. Please login as an user with the access right or contact the system administrator.
Server Error	Check the camera settings or update the firmware of the IP camera (if any). Contact the technical support if the error persists.

### Note:

1. Enabling or disabling manual recording will not affect scheduled or alarm recording tasks. They are independent processes.
2. Right click the IP camera channel and select the following options:
  - a. Full screen
  - b. Keep aspect ratio
  - c. Deinterlace (available on particular camera models only)
  - d. Keep original size

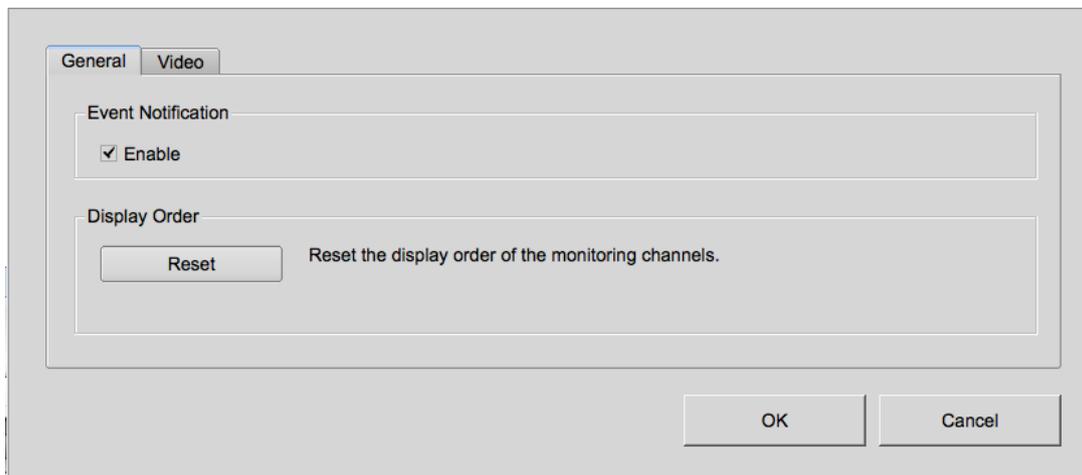
## Options

To configure advanced monitor settings, click .



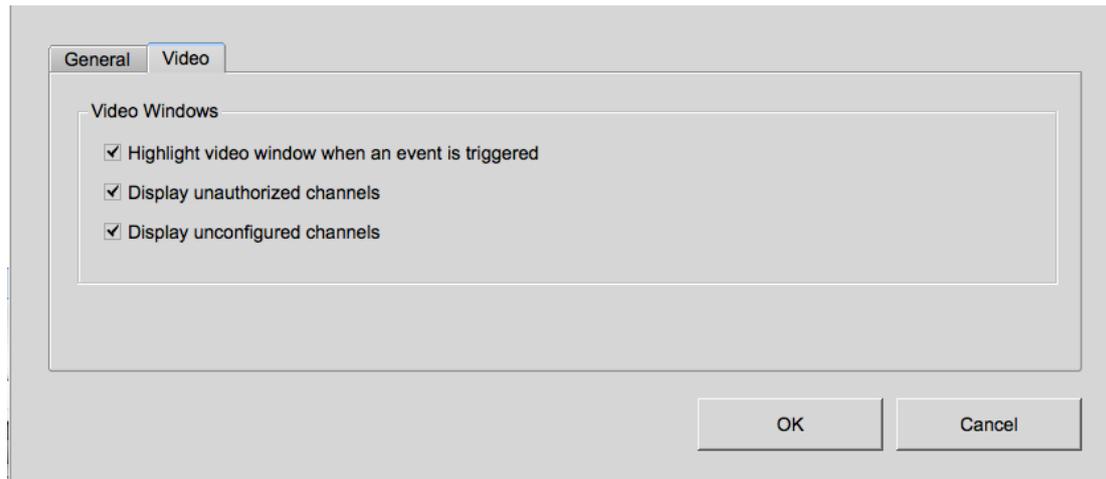
The following options are provided under the 'General' tab.

- Event Notification: When this option is enabled and an event is triggered, the alert icon  will be shown on the monitoring channel instantly. Click the icon to view the alert details.
- Display Order: Click 'Reset' to reprioritize the monitoring channels to default order.



The following options are provided under the 'Video' tab.

- Highlight the video window when an event is triggered: The video window will flash if an event is triggered.
- Display unauthorized channels: Select this option to show the channels that the user does not have access right to monitor.
- Display unconfigured channels: Select this option to show the channels that have not been configured.

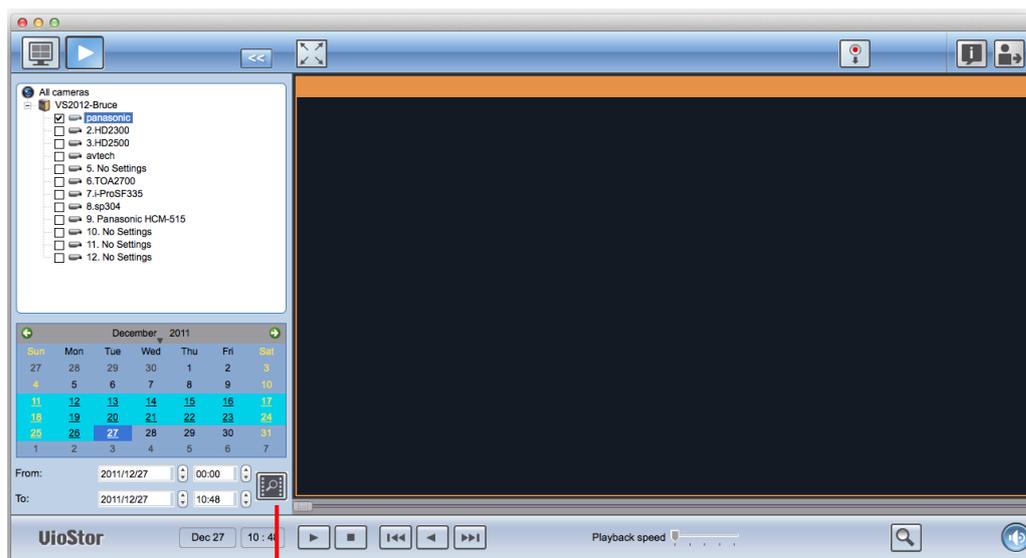


## Chapter 4. Video Playback

The videos on the Turbo NAS/VioStor NVR can be played by the QNAP Surveillance Client. To use this feature, click  on the monitoring screen. Most of the icons on the playback screen are the same as those on the monitoring screen.

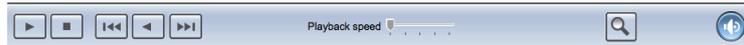
**Note:** The playback access right to the IP cameras is required to play the videos.

When the playback screen is shown, select a camera channel on the Turbo NAS/VioStor NVR. Next, select the start and end time of the video, click  to start searching. The videos which match the search criteria will be played automatically.



**Note:** The number of days between the start and end dates must be 2 or less than 2.

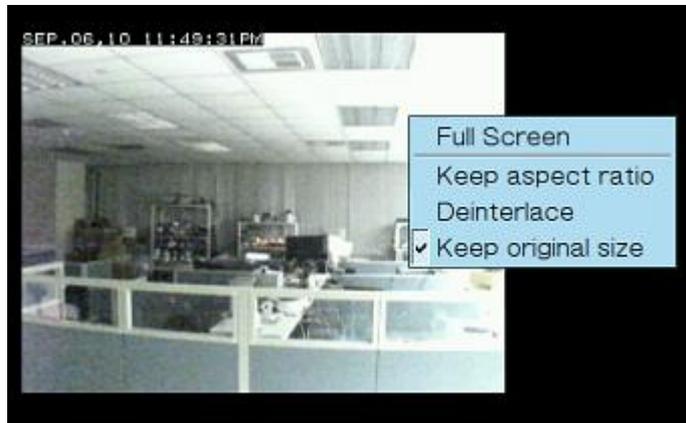
## Playback Settings:



Play, pause, stop, reverse play a video file, or select to play the previous or next file. When playing a video, use the scroll bar to adjust the playback speed or click the

digital zoom icon  to zoom in or zoom out the video. Right click the IP camera channel and select the following options:

- a. Full screen
- b. Keep aspect ratio
- c. Deinterlace (available on particular camera models only)
- d. Keep original size

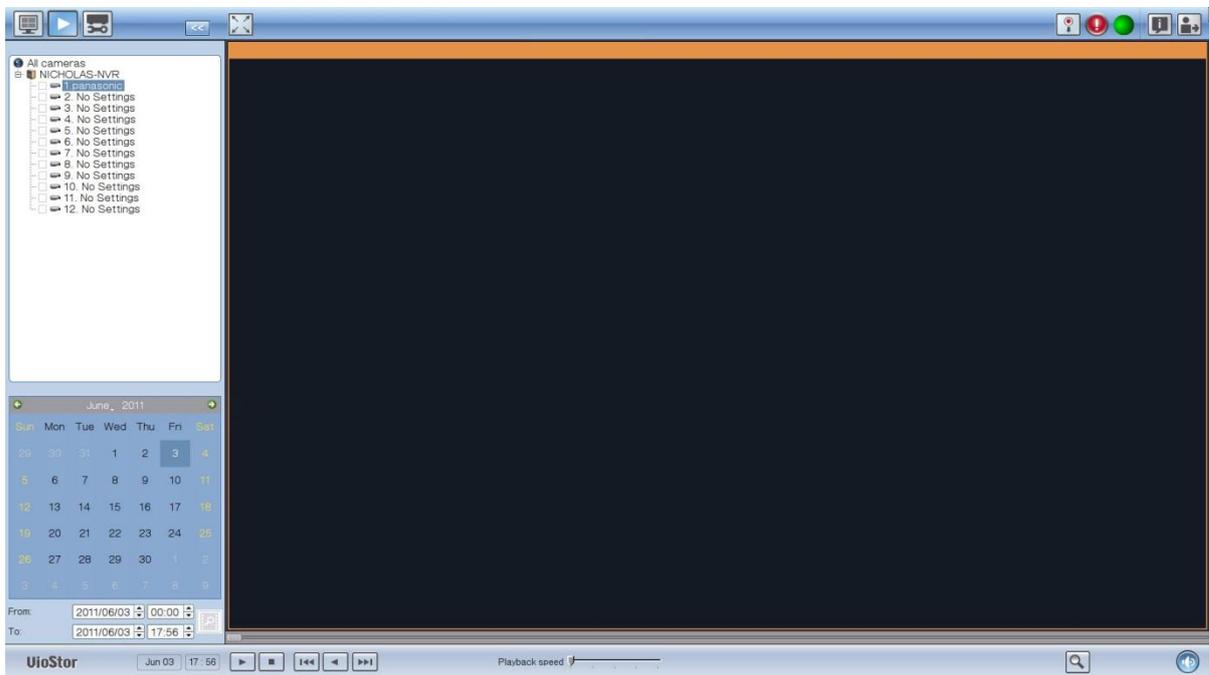


## Video Conversion & Export

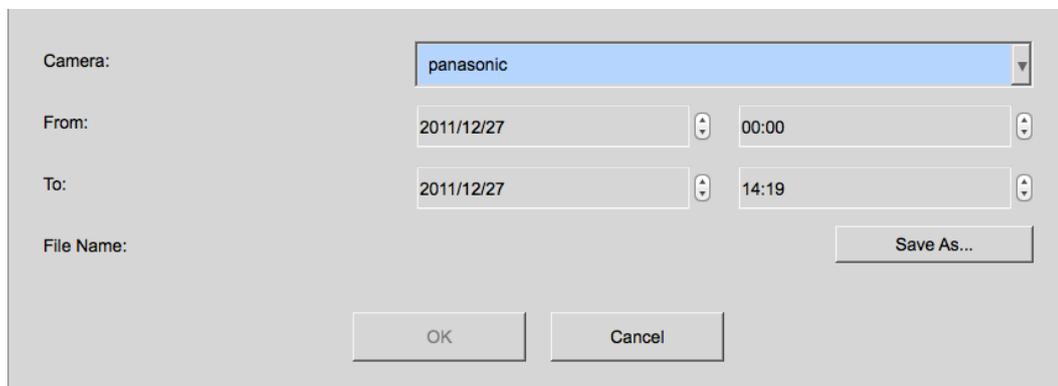
To convert the video files on the Turbo NAS/VioStor NVR to an AVI file and export the file to the local MAC by the QNAP Surveillance Client, follow the steps below.

**Note:** The playback access right to the IP cameras is required to use this feature.

1. Enter the playback interface of the QNAP Surveillance Client. Click  (Convert to AVI file).



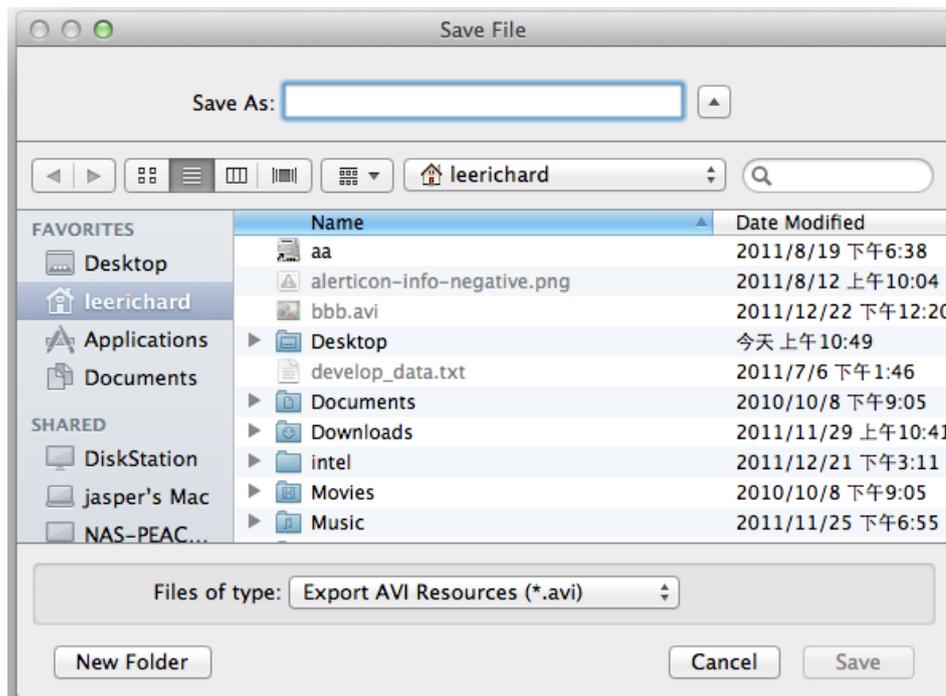
2. The following window will be shown.



Camera:	panasonic	
From:	2011/12/27	00:00
To:	2011/12/27	14:19
File Name:	Save As...	
OK		Cancel

3. Select the IP camera.
4. Specify the start and end time of the video files.

5. Click 'Save As...'. Enter the file name and specify the location where the file is saved to.



6. Click 'OK'. All the video files which meet the search criteria will be converted to an AVI file.