3.3 Backup Video Files

The controls in the Function Panel:

No.	Name	Description
1	Effects	Adds effects to the images. The effect options include: Contrast/Brightness, Light Enhancement, Equalization, Sharpen, Smooth, Grayscale, Undo to Prev. Action, Undo All Effects, Copy Image to Clipboard, Sample, and Advanced Video Analysis.
2	Save As AVI	Save a video file as avi or exe format. See *Merging and Exporting Video* later in this chapter.
3	Save As Image	Save a video image as bmp, jpg, gif, png, or tif format. See *Saving Images* later in this chapter.
4	Print	Specifies various settings for printing.
5	Setting	Accesses system settings of ViewLog. See *Advanced Settings* later in this chapter.
6	Tools	Brings up these options: Object Search, Advanced Log Browser, Delete, Remote ViewLog Service, Remote Storage System, Address Book, Display GIS Window, Select Map API, and Tool Kit. See *Object Search, Advanced Log Browser, Remote ViewLog Service* later in this chapter.
7	Backup	Backs up video files. See *Chapter 5 Backup, Deletion and Repair*.

Note: When an AVP dongle is used, you can enable the Stabilizer or Defog functions to up to 4 camera recorded images by selecting **Effects** and then **Advanced Video Analysis.**

3.3.1 Save as AVI

To backup a video clip or a few video clips from a certain camera, **Save As AVI** is the fastest and easiest backup procedure.

1. In Viewlog, highlight desired video event (or select multiple events by clicking on the events while holding down CTRL on the keyboard).
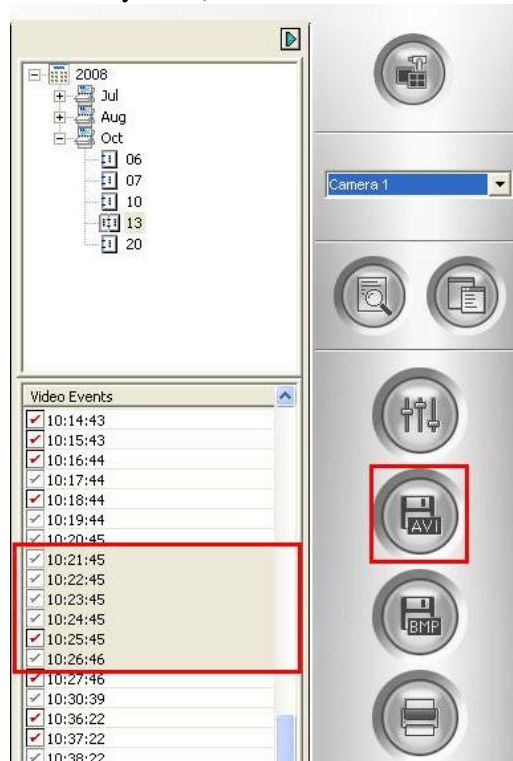
2. Click on the "**Save as AVI**" icon.
3. Select the desired **Start** and **End time** if you prefer to extract only a segment of the video file(s) selected.
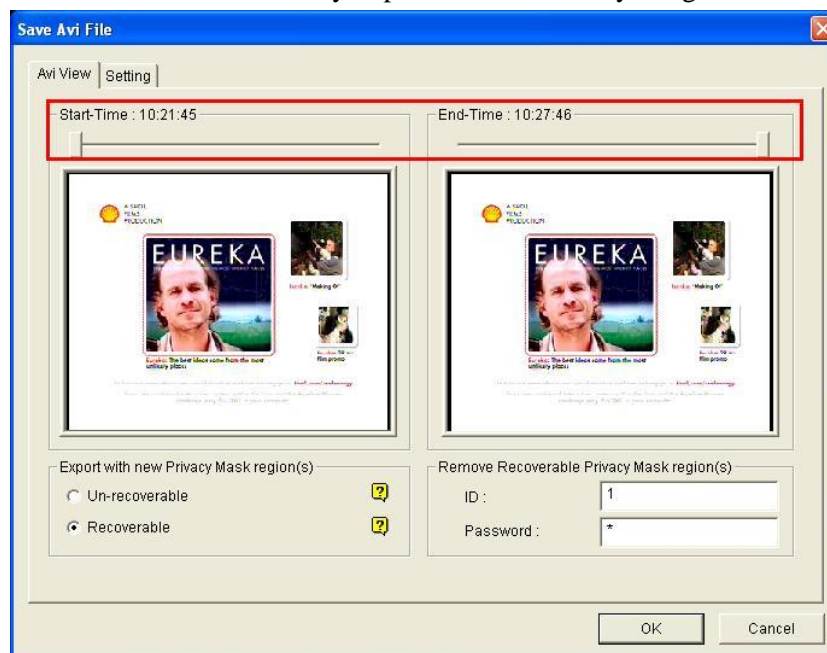
4. Under "**Setting**" tab, select the location on your system where you would like the video file(s) to be saved into by clicking on "**…..**" button on the right.
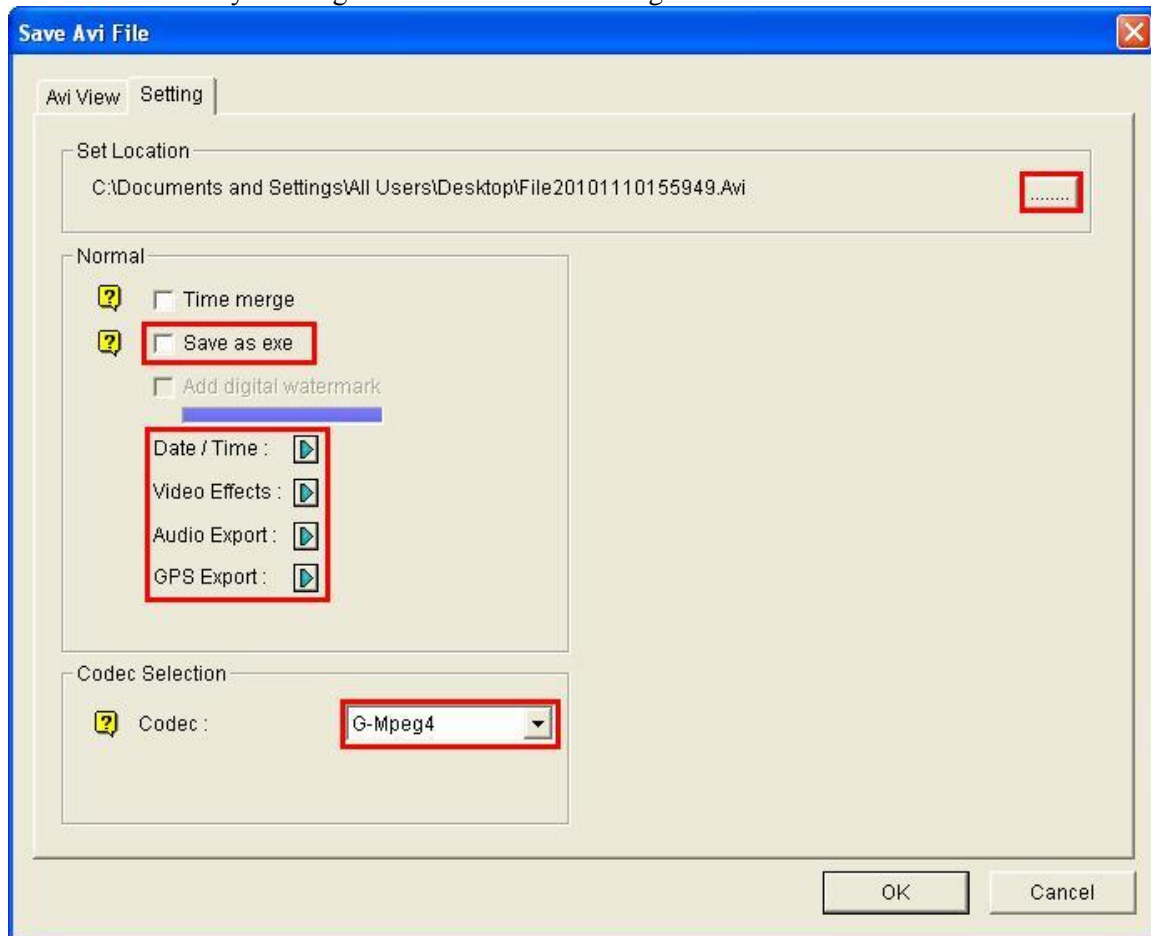

5. Select the parameters to be exported with the .avi file.
6. To save as executable file:
    a. Check on "**Save as exe**" option
    b. Click "**OK**" to save the desired video file(s) into above destination.

✓ *"Save as exe" option allows Viewlog to extract video file(s) with GeoVision codec attached.*

7. To save as .avi file:
    c. Select "**G-Mpeg4**" as codec in the drop-down list to include GeoVision codec.
    d. Select "**Mpeg4**" as codec in the drop-down list to use generic MPEG4 codec.

✓ *.avi clips exported with GeoVision codec will display the original video quality while video quality in .avi clips exported with generic codec may be degraded*

✓ *.avi clips exported with GeoVision codec cannot be played back on a PC without GeoVision codec installed. GeoVision video codec can be installed separately from the GeoVision Main System DVD or it can be downloaded from **www.usavisionsys.com/download***

✓ For detailed instruction, refer to p.226 of v8.4 User Manual

3.3.3 Burn to CD/DVD

In order to backup multiple video files from multiple days and multiple cameras, **Backup** option allows user to backup a large quantity of video files to a hard drive, network drive, or burn on a CD/DVD. Users also have the option to make a copy of the Viewlog software while performing **Backup**.

1. In Viewlog, Click on the "**Backup**" icon.
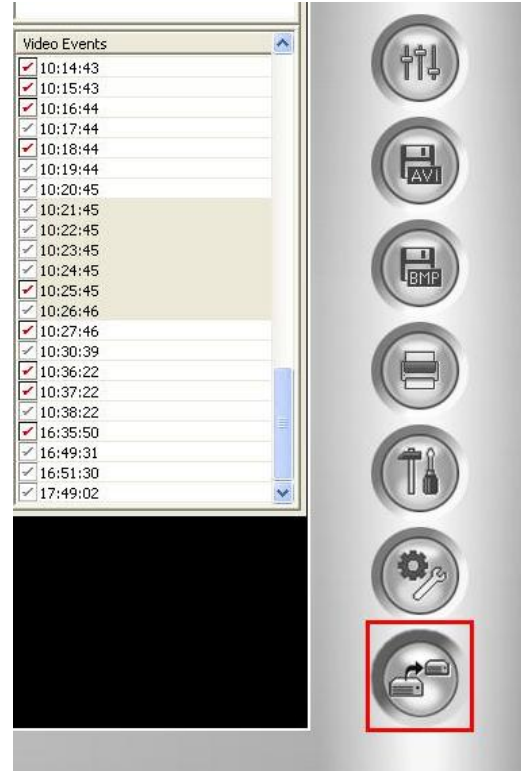
2. In the Backup window, select backup method through either "**Using Hard Disk**", "**Using CD/DVD**", or "**CD Using OS-Burning**".

✓ "**Using Hard Disk**" allows video to be backed up to a certain hard drive or on a network drive.

✓ "**Using CD/DVD**" allows video to be burned onto CD/DVD directly via third-party burning software. For GV-DVR Systems, Nero is preinstalled. Select Nero Quick Start as the path.
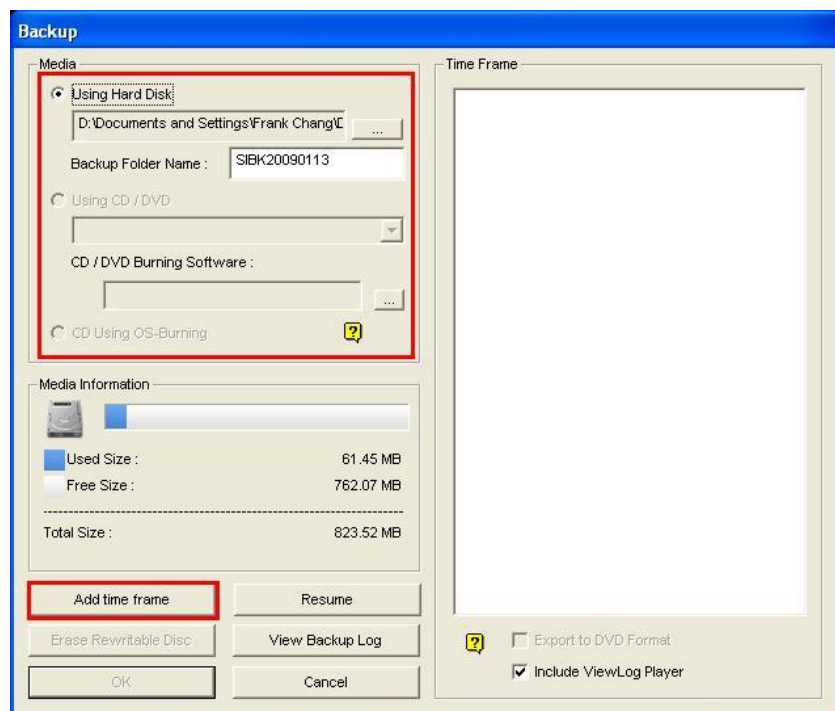
3. Select "**Add time frame**".
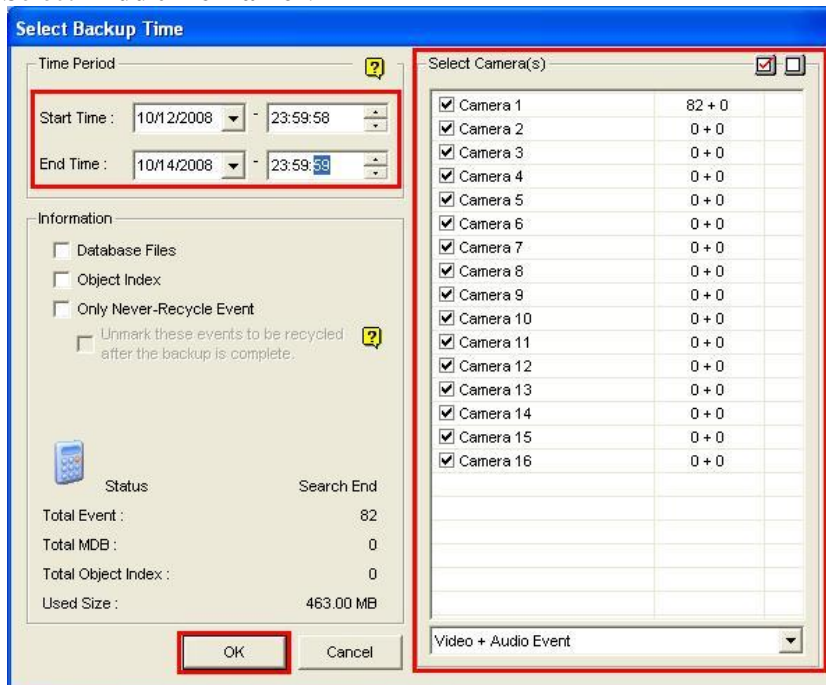
4. Select desired time period by assigning **Start** and **End Time**. Once the time period has been selected, Viewlog will automatically search for video and audio files within that time period and display the total number of files in the box on the right.

5. Select cameras for backup then click"**OK**".
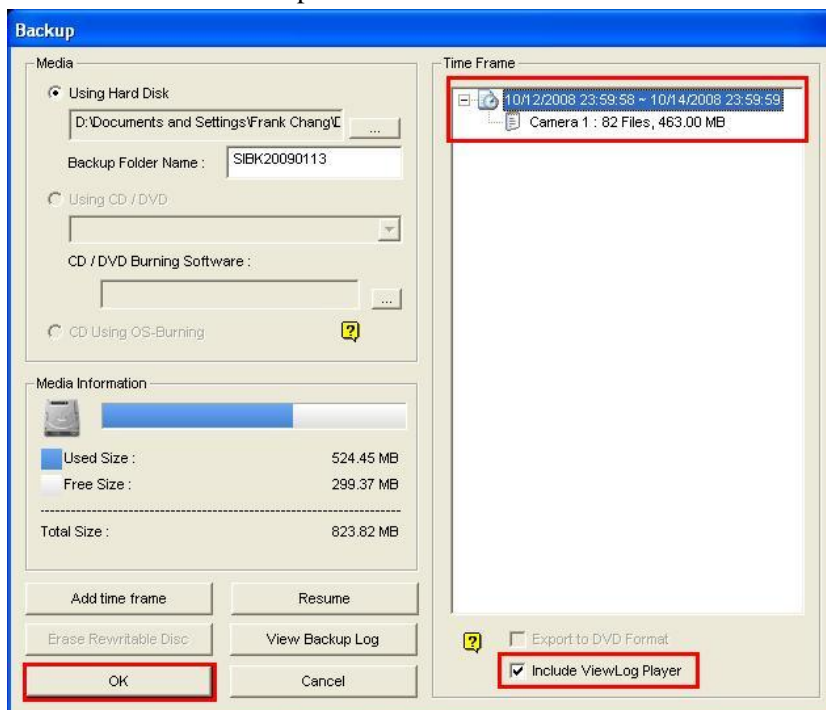
6. Check "**Include ViewLog Player**" option then click "**OK**" to start backup process.

✓ For detailed instruction, refer to p.279 of v8.4 User Manual