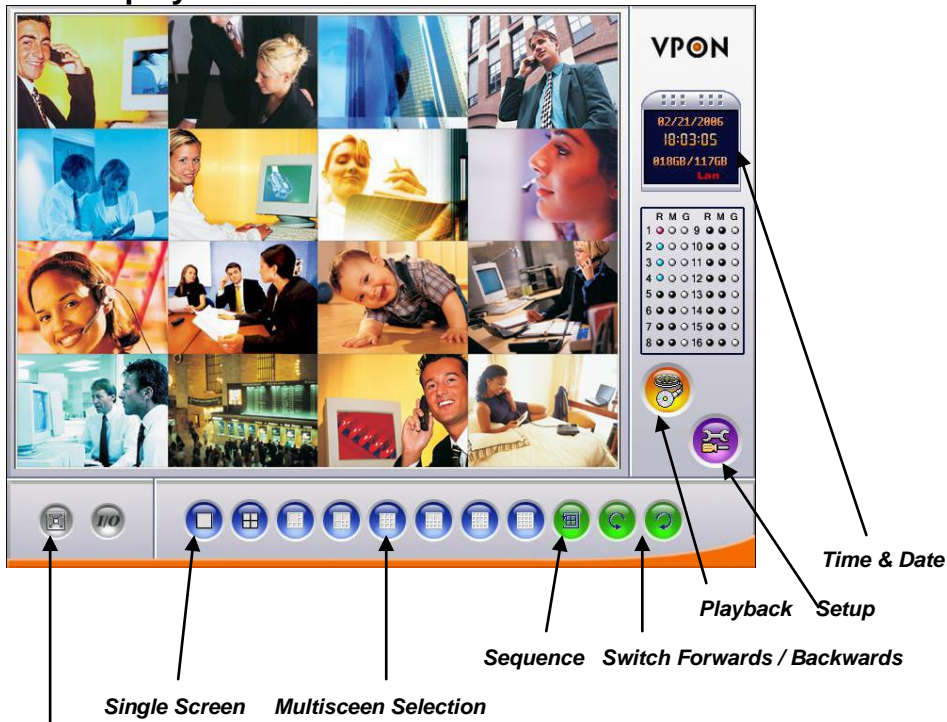


Senaca Tech CCTV Solution

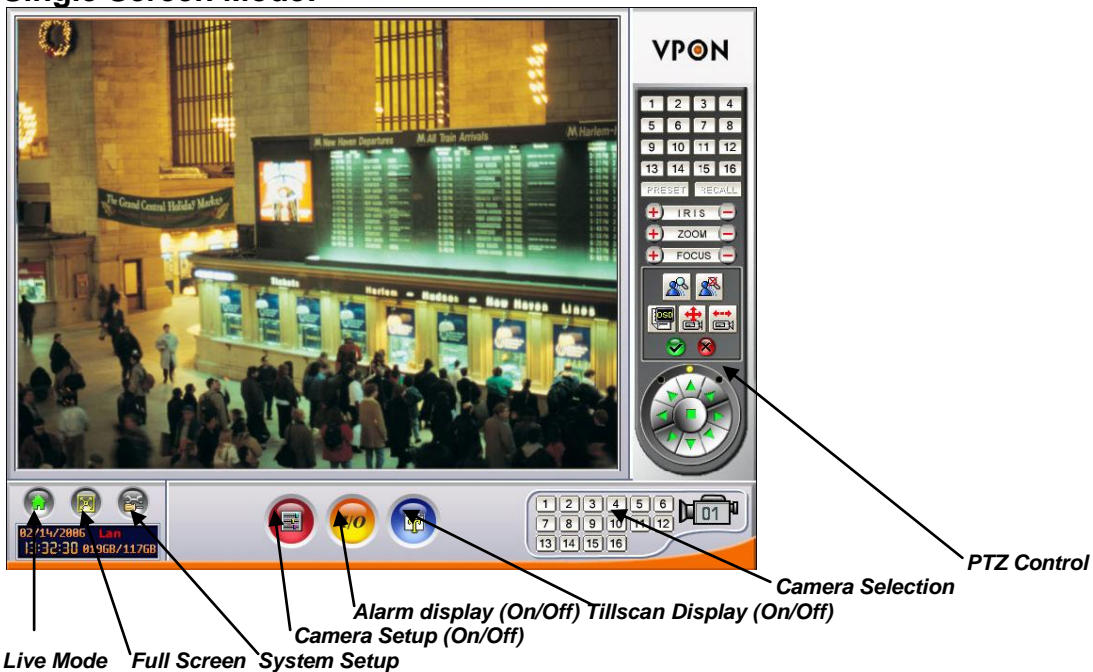
Brief operation instructions

Live Display:

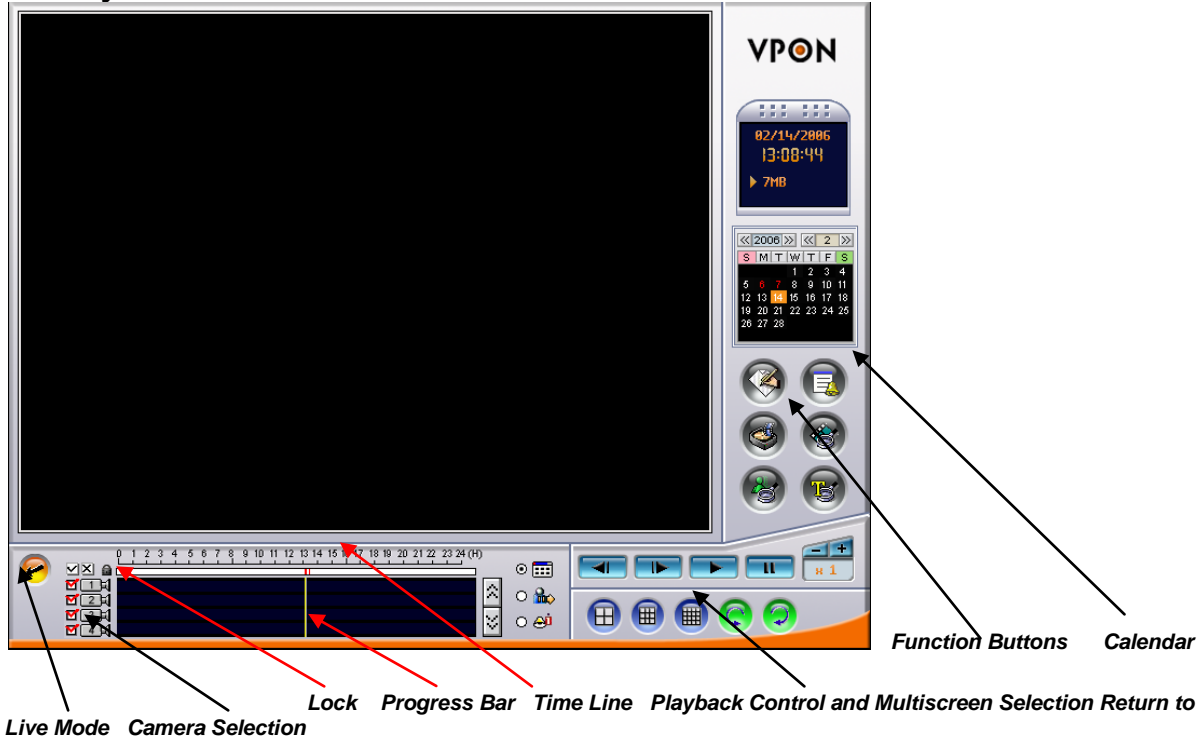


Full screen display (display removed)

Single Screen Mode:

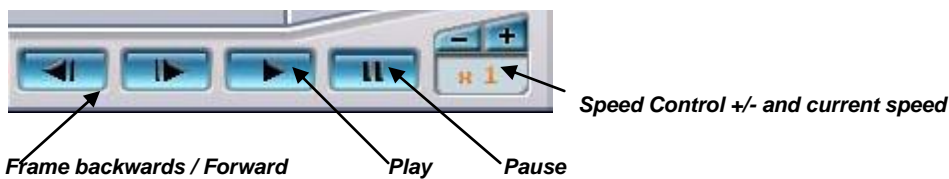


To Playback:

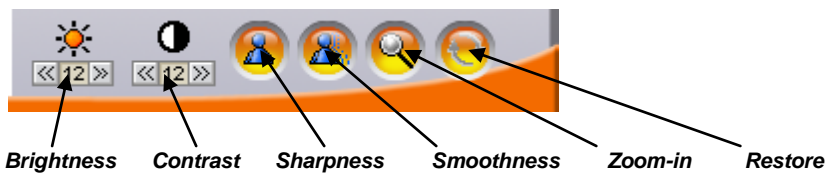


Playback Mode:

- (1) Select the year, month and date you wish to review from calendar.
- (2) Select an hour to review by clicking under the relevant hour block of the time line selector. When starting playback the slider defaults to the midnight hour position.
- (3) The hour bar changes to minutes to allow search within the hour, click on the relevant minutes (each mark on the ruler is 2 mins)
- (4) Playback will begin.
- (5) Use the playback control buttons (see below) to control playback.



- (6) When pause playback, the brightness; contrast or sharpness of the image can be adjusted. User can also zoom in specific point of the image to get clear view (see below).





Thumbnail Browser:

The thumbnail browser allows the user to quickly find incidents using still images as opposed to playing back video.

- (1) In playback mode click on the Thumbnail Browser (as above) on the Function Button Panel.
- (2) Enter the time & date and camera number you wish to search and press ok.
- (3) You will then see a screen as below, showing recordings broken into still images of one hour intervals.



- (4) In the case of the example above we wish to see when the car arrives. Click on the image before the van and press Zoom In from the panel on the right hand side of screen. This will then break the images into three minute segments within the hour when the van arrived. You can then further zoom in on the event in one minute intervals before the van arrived.
- (5) When you are one minute from the car arriving, simply double click the image before the Van and the playback of the car arriving will begin.

The buttons listed below control the operation of thumbnail browser:

Previous - Search forward (time).

Next - Search backward (time).

Zoom in - The whole Thumbnail search was divided to three layers. The first layer is hourly based. Each picture on the windows is the first picture of that hour. When select a specific hour to do Zoom in, it goes into second layer. The second layer displays 16 pictures based on evenly divided time slots in this hour. Then if any one of these pictures is selected to do Zoom in it goes into the third layer. This layer displays 16 pictures from left to right, that are most close to the time slot of layer two.

Zoom out - Back to one layer up.

Back- Back to Thumbnail Browser window

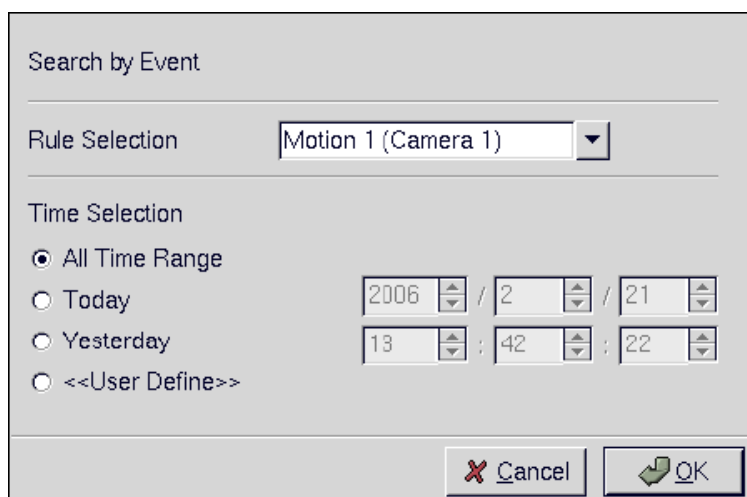
Ok - Start playback recorded file



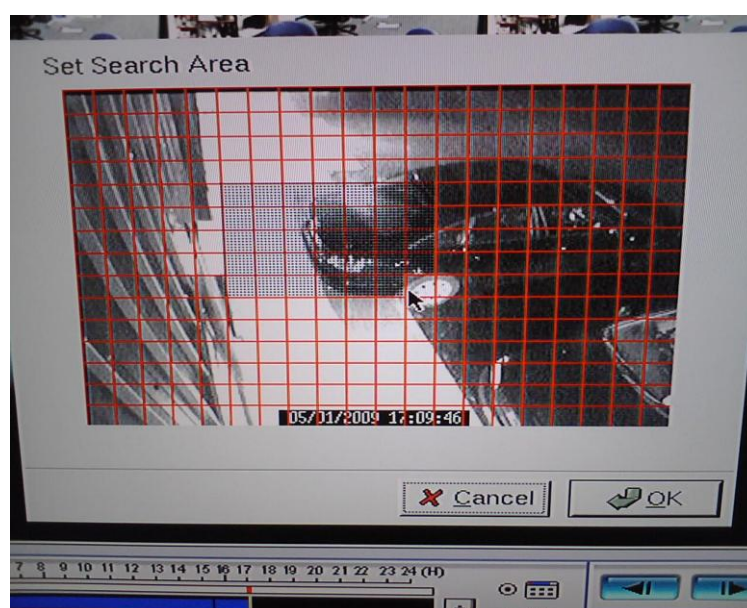
Search by Event / Search by Motion / Search by Movement

This feature allows for searching of specific movements in specific areas, or search of a GPI input e.g. drive off button pressed.

- (1) In playback mode click on the Search by Event (as above) on the Function Button Panel.
- (2) Click the drop down menu on Rule Selection and select the type of search and camera you wish to search. Then enter the time period you wish to search.



- (3) Click OK to begin search
- (4) Now you define the search area, click in grid on screen with left button of mouse to define search area within picture, the example shown below is searching the rear area of the vehicle. **Please note:** The greater the definition of the search area, i.e. the less number of grids selected, the more effective the search results will be.



- (5) Press okay to finalise search criteria and begin search.
- (6) The search results are listed below and the first result will automatically play.



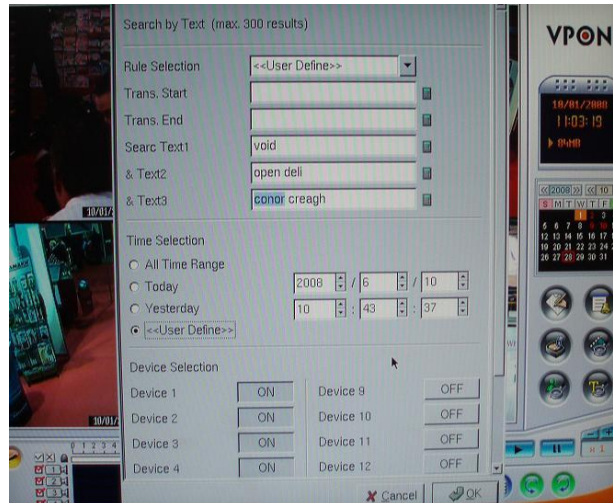
Search Results *Previous* *Next* *Full Search Result List* *Replay this result* *Close Search*



Search by Text / Tillscan Search

Searches recorded files that contain Tillscan information of a specific event.

- (1) In playback mode click on the Search by Text (as above) on the Function Button Panel.
- (2) Enter search text 1, 2 & 3 as desired, search time and date period and cameras to be searched.



- (3) Click on the OK button to begin search.
- (4) The System will begin to playback first finding.
- (5) The search results are listed below and the first result will automatically play.



Search Results **Previous** **Next** **Full Search Result List** **Replay this result** **Close Search**

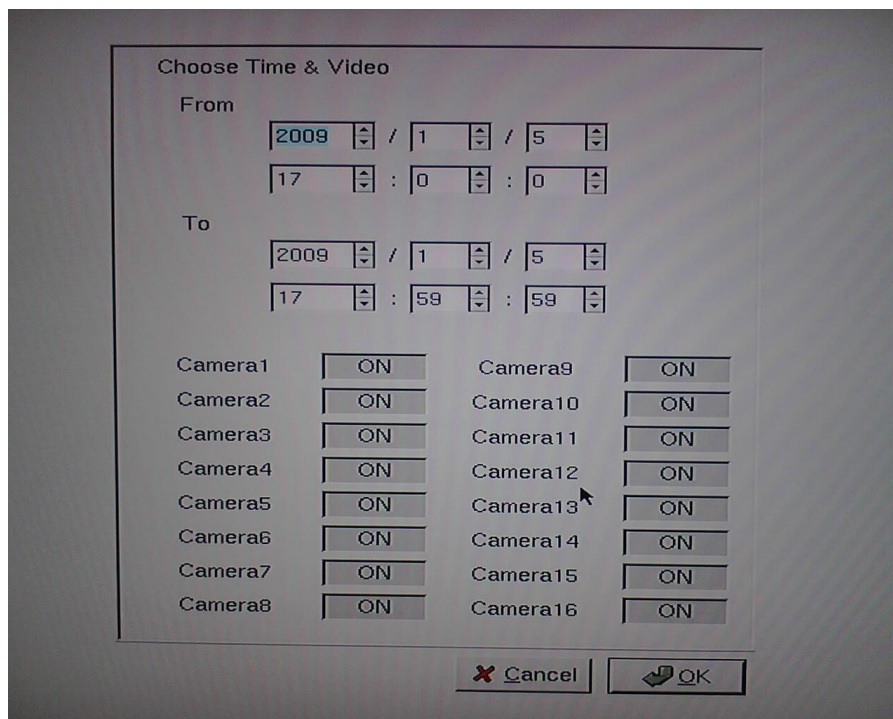
Search results are display as on above diagram but with Tillscan information.



Backing up of recorded images to CD Writer

The VPON is equipped with a CD/RW or DVD Writer and you can back up your recorded files to this or a USB Memory Stick inserted to a USB input on VPON.

- (1) In playback mode click on the Backup (as above) on the Function Button Panel.
- (2) Select what device you want to download to when prompted and press ok.
- (3) In the case of disc select, whether you are writing to CD-R or DVD and press ok.
- (4) Enter the time & date period you wish to download and the cameras you wish to download to the CD / DVD.



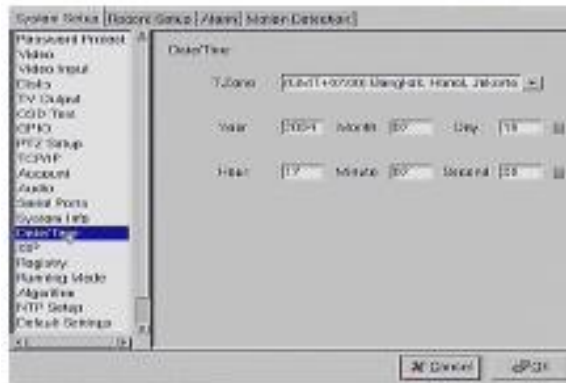
- (5) When the above selection is made press OK and CD/DVD writing process will begin.
- (6) You will be prompted to press OK midpoint through the process to begin writing to disc.

Please note:

- If using CD, disc must be a CD-RW only.
- If using DVD, disc must be a DVR-R only.
- CD will back up approximately 1 hour with 16 cameras selected.
- DVD will back up approximately 4 hours with 16 cameras selected.
- VPON will automatically write a file called DCS to the CD / DVD. This is a video player that will allow use of video through any windows based PC.

To change Time & Date:

Click the Set Up button in live mode and then select the Date and Time heading from the submenu that appears.



Double click the left button of the mouse on the time field you wish to change and use the on screen keyboard to do so.



When finished press the OK button to clear the keyboard and then the OK button on the VPON System to save you time changes and return to live images.