

GATEKEEPER

FLEET SAFETY & SECURITY™

G4 VIEWER PLUS

User Manual & Install Guide

Document Ref. No. : DN2884
Version No. : 1.0.2
Document Date : December 4th 2017

TABLE OF CONTENTS

| | |
|--|-----------|
| INTRODUCTION | 4 |
| INSTALLATION | 4 |
| OPENING SCREEN | 6 |
| MAIN WINDOW | 7 |
| HDD | 7 |
| DIRECTORY | 7 |
| SEARCH | 7 |
| DATE | 7 |
| CONDITION | 8 |
| <i>Speed</i> | 8 |
| <i>GEO Fence</i> | 8 |
| <i>Event</i> | 9 |
| <i>Create Standalone Custom Conditions</i> | 9 |
| PLAYBACK WINDOW | 11 |
| RETURN BUTTON | 11 |
| VEHICLE/DEVICE STATUS | 11 |
| PLAYBACK OPTIONS | 12 |
| TIME AND PLAYBACK SPEED OF FILE | 12 |
| ZOOM CONTROLS | 12 |
| CHANNEL INFORMATION | 12 |
| TIMELINE | 12 |
| PLAYBACK CONTROLS | 13 |
| VOLUME CONTROL | 13 |
| SNAPSHOT | 13 |
| CLIP | 13 |
| <i>Saving A Clip</i> | 14 |
| CLIP SETTINGS | 14 |
| VIEW BUTTONS | 15 |
| <i>MAP</i> | 15 |
| <i>Video</i> | 15 |
| <i>Video/Map</i> | 15 |
| <i>Frame Information</i> | 16 |
| <i>Event</i> | 16 |
| <i>Vehicle Locator</i> | 16 |
| <i>Vehicle Route</i> | 17 |
| <i>Channel Selector / Playback</i> | 17 |
| <i>Playback Window Extras</i> | 17 |
| <i>View Options</i> | 17 |
| VIDEO ZOOM | 19 |
| BLUR SETTING | 20 |
| CREATING A BLURRED SECTION | 20 |
| CREATING A SIMPLE BLUR | 21 |
| CREATING MULTIPLE REGIONS | 22 |
| CREATING MULTIPLE BLUR AREAS | 22 |
| INVERTED BLUR | 23 |
| FREQUENTLY ASKED QUESTIONS | 24 |

TABLE OF FIGURES.

| | |
|--|----|
| Figure 1: Opening Screen..... | 6 |
| Figure 2: Select Folder..... | 7 |
| Figure 3: Date Search..... | 7 |
| Figure 4: Calendar Window..... | 8 |
| Figure 5: Speed Query..... | 8 |
| Figure 6: GEO Fence..... | 8 |
| Figure 7: Event Selection..... | 9 |
| Figure 8: Standalone Custom Condition..... | 9 |
| Figure 9: Standalone Custom Condition Selection..... | 10 |
| Figure 10: Playback Window..... | 11 |
| Figure 11: Speed Status..... | 11 |
| Figure 12: Voltage..... | 12 |
| Figure 13: Vehicle / Device Status..... | 12 |
| Figure 14: Wheel Rotate Speed..... | 12 |
| Figure 15: Timeline..... | 12 |
| Figure 16: Playback Controls..... | 13 |
| Figure 17: Volume Control..... | 13 |
| Figure 18: Snapshot..... | 13 |
| Figure 19: Marking A Clip..... | 14 |
| Figure 20: Clip Options..... | 14 |
| Figure 21: Map View..... | 15 |
| Figure 22: Video View..... | 15 |
| Figure 23: Video / Map View..... | 15 |
| Figure 24: Frame Information..... | 16 |
| Figure 25: Events..... | 16 |
| Figure 26: Playback Windows Extras..... | 17 |
| Figure 27: View Options..... | 17 |
| Figure 28: Full Screen Option..... | 18 |
| Figure 29: Next Previous Page..... | 18 |
| Figure 30: Screen Layout Options..... | 18 |
| Figure 31: Video Zoom..... | 19 |

Introduction.

G4 Viewer Plus is compatible with Microsoft Vista; Microsoft Windows 7; Microsoft Windows 8 and Microsoft Windows 10. Microsoft XP is not supported as Microsoft has deemed it to be End-Of-Life.

G4 Viewer Plus offers un-paralleled video management. Clips can be saved locally, as AVI, or, exported with a stand-alone mini-player. Video can be viewed by File List or by Event List making finding an incident easier than ever before.

Please Note: This user guide only covers local playback of video files from a SD card inserted into the PC or a HDD in its Caddy or, from a clipping directory.

Maximum clip size supported by G4 Viewer Plus is 1.5Gb.

Installation.

G4 Viewer Plus can be installed either using the install package found on the CD, or, as a free download from www.gatekeeper-systems.com

Double click the SETUP.EXE file. You will be presented with the window to the right.

Click Next.

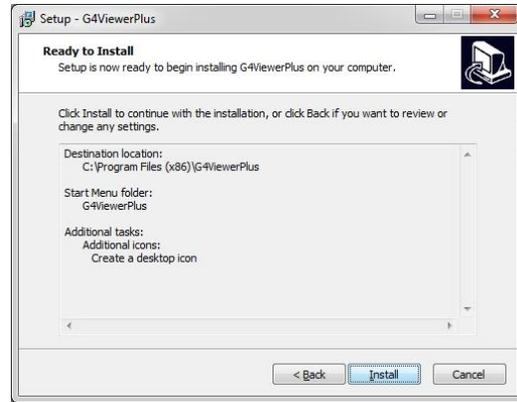
Read the on-screen instructions.

Click Next to create the folder group in the Start menu.



Once all Install options have been made a summary window will display showing the options/location/additional items chosen.

Review and then if correct click Install.



Once installation has completed the option to launch G4 Viewer Plus will be automatically checked.

Click Finish to have G4 Viewer Plus load.



The Opening screen will display Three options:

1. Type: Select Local.
2. User: admin
3. Password is blank (This can be changed in system settings. However, if the administrator password is forgotten G4 Viewer Plus will have to be uninstalled and reinstalled.)

Click OK.



Opening Screen.

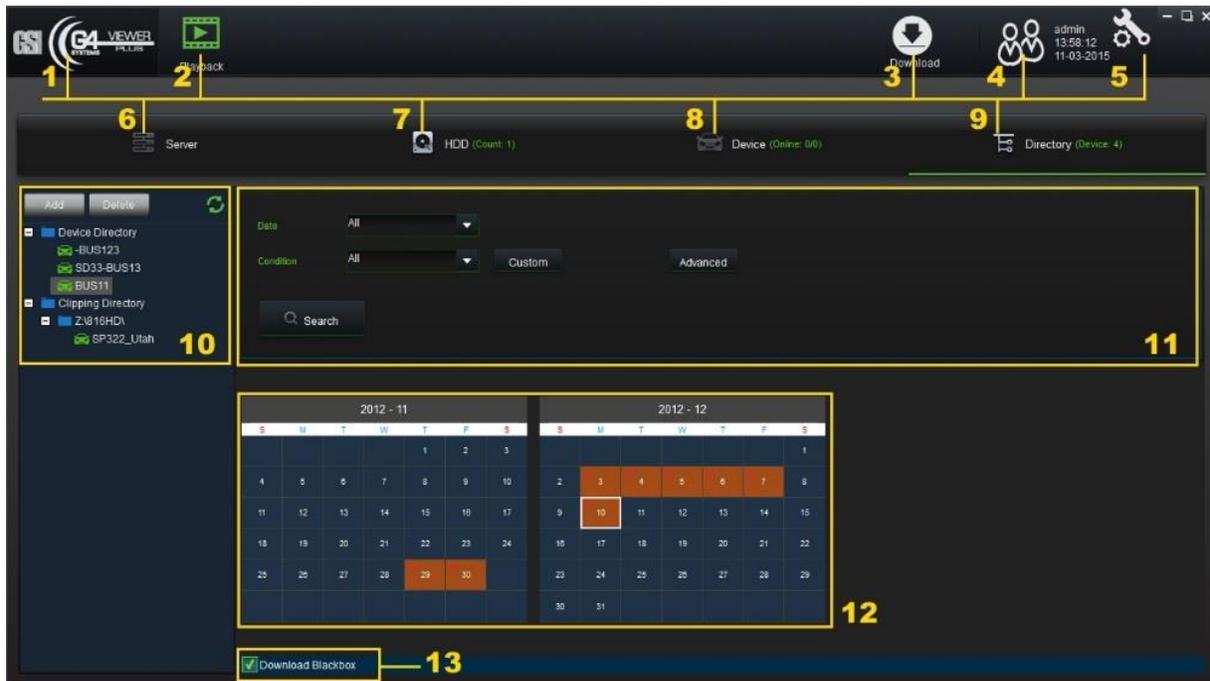


Figure 1: Opening Screen.

1. G4 Viewer Plus Logo. Click to go directly to www.gatekeeper-systems.com to check for updates, etc.
2. Playback: Currently unsupported in the Local version of G4 Viewer Plus.
3. Download: In the Local version of G4 Viewer Plus, Download will become active when a clip is being Saved or Exported.
4. User Icon: Log out of the G4 Viewer Plus.
5. Settings/About: Settings allows for customization of G4 Viewer Plus and for adding Users. About displays the current version information of G4 Viewer Plus.
6. Server: Not covered by this user guide. Server is part of Gatekeeper Systems wi-fi systems.
7. HDD: Displays the contents of the SD or HDD if inserted.
8. Device: Not covered by this user guide. Device is part of Gatekeeper Systems wi-fi systems.
9. Directory: Displays all previously clipped and saved files.
10. File List: Displays all of the currently available files for playback.
11. Search: Allows the user to search for video using specific date, or, advanced for Speed and Events.
12. Calendar: Displays the dates for which video files are available from either the HDD or Directory choice.
13. Download Blackbox: Contains all the information relating to GPS; Speed; Events, etc.

Main Window.

HDD.

When viewing recorded video using a SD Card or Gatekeeper HDD Caddy storage device, HDD will display the vehicle name. Double click on the listed vehicle and all available video on the storage device will be displayed in the Calendar. Double click on one of the highlighted days and the Playback Setup dialog window will appear.

Directory.

The Directory contains all of the previously Clipped video. Once a clip has been made the Directory automatically updates to reflect the new clip name and location if the clip is from a new vehicle.

If the clip is from a vehicle which has an existing entry in the directory, when the vehicle name is double clicked the Calendar view will display all available clips for that vehicle.

To Add a directory of previously clipped video files click on the Add button. A 'Select Folder' window will appear.

Navigate to the required folder containing the previously clipped video files and Click 'Select Folder.'

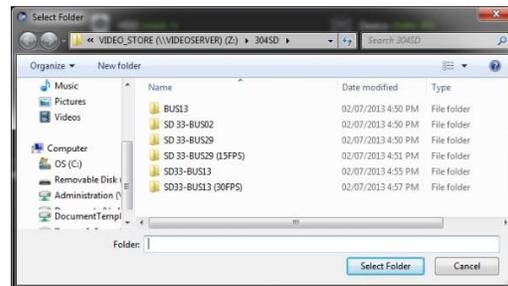


Figure 2: Select Folder.

Search.

There are several options for searching video files. By default Date will display ALL and Condition will also display ALL.

Date.

Date has a drop down menu from which One Day; Recent 3 Days; Recent 5 Days; Recent 1 Week; Recent 2 weeks; Recent 1 Month; All or User Defined can be chosen.

If Date has been changed to User Defined the search window will change and a Start Date (1) will Show. Click the Calendar Icon for the Start Date and select the required start date. Click on the Calendar Icon for the End Date (2) and select the required end date.

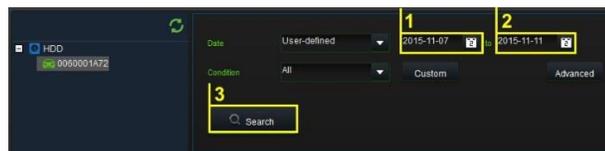


Figure 3: Date Search.

Once criteria have been set, click on Search (3).

A calendar window will appear with all available video from within the specified date range. Double click the required date from within the calendar and the video will begin playback.



Figure 4: Calendar Window.

Condition.

If there is a Condition which you wish to search by, e.g. Sensor, click the custom button to the right of Condition. A pop-up window will appear with three options; Speed; GEO Fence and Event.

Speed.

Occasionally there is a need to verify the speed at which the vehicle has been going. If this is the case select the check box to enable Speed and use the drop down menu to select the required operator, e.g. > for greater than, and then use the input box to state the speed for which the search should query. Once this is done click Search. All video for which the vehicle was recorded as going faster than 50MPH will be displayed. Double click on an item for video playback.

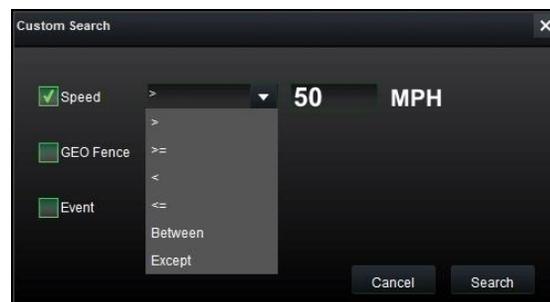


Figure 5: Speed Query.

GEO Fence.

To view video when the vehicle went inside of a pre-defined area the area has to be defined first.

Select GEO Fence and then click Settings. A map will appear (this requires an active internet connection) single left click the start of the area you wish to define, a green flag will show the beginning of the area. Make a second single left click to continue to mark the required area. Continue to single left click until the area required has been defined. Double

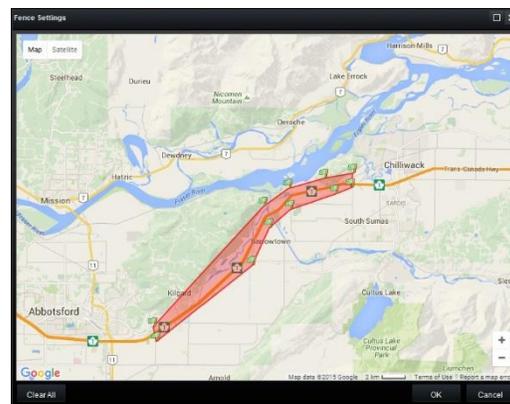


Figure 6: GEO Fence.

Search.

left click to finalize the selection. Once defined the area will show as a Red shaded area on the map. Click OK, next click Search. If there is video available for when the vehicle was within the boundaries set, dates will appear in the calendar window.

Event.

To playback video for a specific event, click on the custom button and place a checkmark in the Event box.

A second window will now appear from which you can make selections of which Events you wish to view video for.

Once you have made your selections click OK.

Next click search, a calendar window will appear with dates of available video with the specified event(s). Double click on the required date and playback will begin.



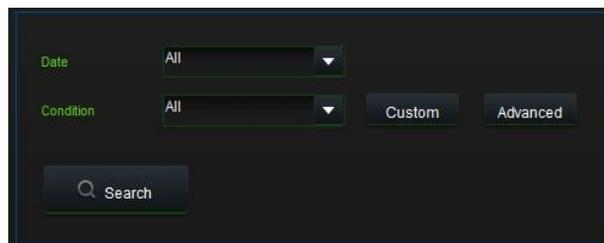
Figure 7: Event Selection.

Create Standalone Custom Conditions.

If you are always having to create custom Event views, you can set these up prior to requirement and just choose from the Condition drop down menu.

To create a standalone custom condition, click on the Advanced button in the search window.

A new window will appear.



In the new window click Add (1).

Enter a Name for the condition in the Name text entry box (2).

Make a choice as to which option you want to make the standalone custom condition for. In this example we will select Event. Click the settings button.



Figure 8: Standalone Custom Condition.

In the window which now appears, select the events you wish to Search by. In this example 1, 2 and 5 as reflected in the title entered in the Name box.

Click OK.



The main Search window will now appear. Use the Condition drop down menu and select the newly created Standalone Custom Condition.

Next click Search.



Figure 9: Standalone Custom Condition Selection.

The calendar window which now appears will display all the video with the specified criteria displayed. Click on one of the entries and video playback will begin.

Playback Window.

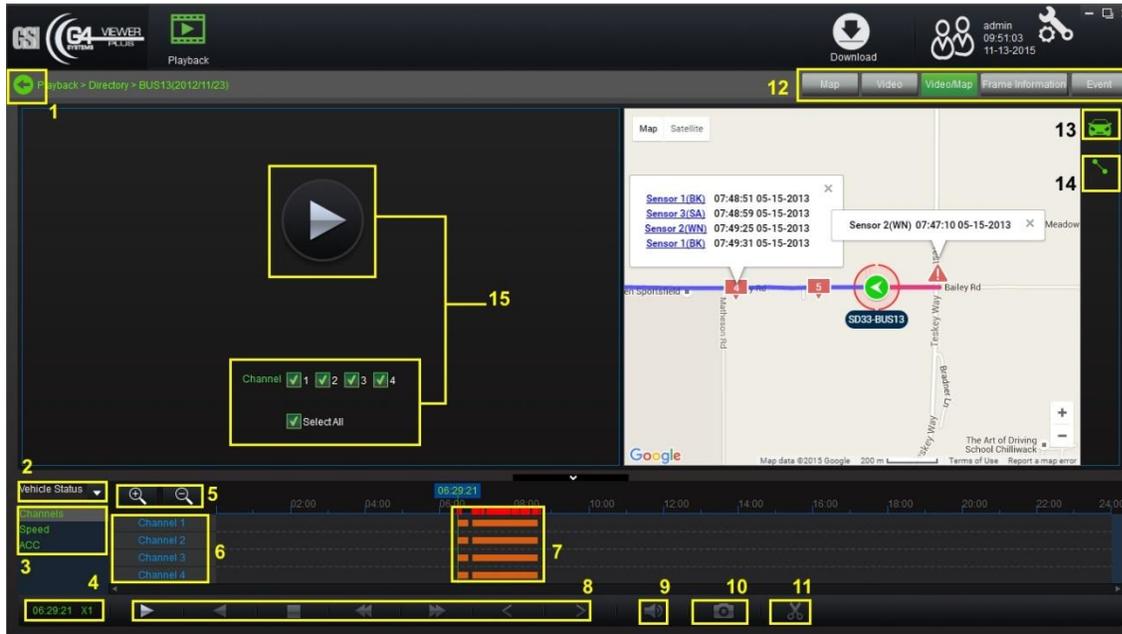


Figure 10: Playback Window.

- | | |
|-------------------------------------|---------------------------------|
| 1. Return Button. | 9. Volume Control. |
| 2. Vehicle/Device Status. | 10. Snapshot. |
| 3. Playback Options. | 11. Clip. |
| 4. Time and playback speed of file. | 12. View Buttons. |
| 5. Zoom Controls. | 13. Vehicle Locator. |
| 6. Channel (Camera) Information. | 14. Vehicle Route. |
| 7. Timeline | 15. Channel selector / Playback |
| 8. Playback Controls. | |

Return Button.

If video review has been completed, or, the currently playing video does not contain the relevant information click on the Return Button to go back to the main Search window.

Vehicle/Device Status.

Vehicle Status displays Three options; Channels (cameras), Speed and ACC. When the user chooses one of these options the display in the Timeline window will change to reflect the choice. For example, if Speed is chosen the display in the Timeline will show the speed of the vehicle as it travels along its route.

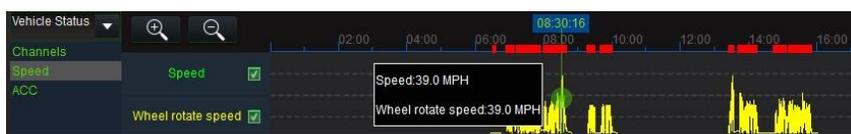


Figure 11: Speed Status.

If Device Status is chosen there are Two options; Temperature and Voltage.

If Voltage has been chosen, the Timeline will change to display the operating voltages recorded by the DVR during the vehicle route.



Figure 12: Voltage.

Playback Options.

Works in conjunction with Vehicle / Device status. Listed under Vehicle Status are Channels; Speed and ACC.



Figure 13: Vehicle / Device Status.

If Speed is selected from the Vehicle Status, the Timeline will show the lowest and highest speed of the vehicle during its route. Current speed of the vehicle will fluctuate and be reflected in the Timeline.

When Speed is selected from Vehicle Status there is the option to have Wheel rotate speed be displayed too. When the video is played back an information box will appear adjacent to the vehicle line showing the current time of the playback.



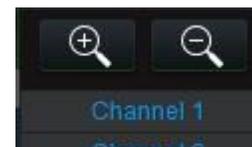
Figure 14: Wheel Rotate Speed.

Time and Playback Speed of file.

Displays the Time of the currently playing file. The playback speed is also shown in this window.

Zoom Controls.

Used to zoom in or out of the Timeline display allowing for more accurate pinpointing of video.



Channel Information.

Displays information ahead of the timeline regarding how many channels have been chosen for video playback.

Timeline.

Displays the video for the current day files chronological order. If there is a break in the timeline this denotes that the vehicle



Figure 15: Timeline.

was parked and the ignition had been off for more than the amount of time specified in the DVR's configuration and so there would be no video available for that particular period of time.

Playback Controls.



Figure 16: Playback Controls.

- | | |
|-----------------------------------|------------------------------|
| 1. Play/Pause. | 5. Fast Forward (2X and 4X). |
| 2. Rewind. | 6. Previous Frame. |
| 3. Stop. | 7. Next Frame |
| 4. Slow Forward (½ and ¼ Speed). | |

Volume Control.

Click to access the pop-up menu. Click and hold to drag the volume bar up or down. Click on the small speaker icon to mute/unmute the audio.

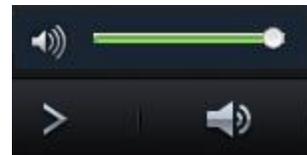


Figure 17: Volume Control.

Snapshot.

Pause the video playback, select the camera view to take a snapshot and click the snapshot icon to take a still image. The image will be saved as a .BMP file in the location specified in System Settings.



Figure 18: Snapshot.

Clip.

Please Note:

There is a maximum clip length of 1.5Gb. Please refer to the table for estimated times for successful clips. The size of the clip will also be dependent on the amount of free memory on the host P.C.

| Camera Model | Type | Record time | File size appx. |
|--------------|------|-------------|-----------------|
| S370 | AVI | 4 hrs | 1.55GB |
| S370 | EXE | 2 hrs | 925MB |
| FX12 | AVI | 1 hr | 2.8 GB |
| FX12 | EXE | 15 mins | 900 MB |
| S31IP | AVI | 2 hrs | 1.5 GB |
| S31IP | EXE | 30 mins | 900 MB |

Using G4 Viewer Plus a section of video can be 'clipped', Standard, and then saved in G4 Viewer Plus native format (This will allow the saved clip to be added to the Directory listing in G4 Viewer Plus); Exported as a standalone file (allows the video to be played back on a windows based system without having to install G4 Viewer Plus), and as an

AVI clip. When clips are saved as an AVI no GPS information will be exported within the AVI file. All channels (cameras) currently playing back will be exported as an AVI but as individual files, i.e. if 4 channels are exported as an AVI then there will be 4 corresponding AVI files.

Saving A Clip.

By default when saving a clip a Ten minute section will be displayed in the clip settings window, Five minutes either side of where the current playback has been paused. Should a longer or shorter clip be required it is possible to manually edit the Start and End Time.

To take a clip of required video begin by pausing the video at the required time using the Pause button on the playback controls.

Next click the Clip Icon.

The timeline window will display the currently selected clip information. Note the Start time and End time are Five minutes each prior to the Paused time. Click OK



Figure 19: Marking A Clip.

Clip Settings.

In the Clip Settings window which now appears, there are several options.

1. Start Time. A Start time can be manually entered here for a more precise clip.
2. End Time. An End time can be manually entered here for a more precise clip
3. Channel Selection. Individual channels can be selected for inclusion in the clip.
4. Select All. If all channels are required for the clip leave this selection checked.
5. Clip Options.

Standard: Makes a Clip in the specified directory. The resulting clip can be added to the Directory listing in the Main window. This clip, if distributed, will require an install of G4 Viewer Plus for playback.

Export: Exports the required clip into a standalone file. The filename of the exported clip will contain information relating to the Vehicle Number; Date YYYY/MM/DD and Clip Time, e.g. SD33-BUS13_20130515_074538_075538 would be from SD33-BUS13, recording date 2013 May 15th, and the clip would have a Start time of 07:55:38 and an End time of 07:55:38.

AVI: Clips can be exported as AVI files with each Channel having its own individual file. No GPS information is retained in the saved AVI. The standalone file can be played back on any supported system. The resulting filename will contain information regarding the AVI clip, e.g.

Bus and Camera information **000BUS130000CAM1** : Date YY/MM/DD **121122**: Start Time End Time **081210-082211**: Internal Indexing information **10f201000000**

6. Path: Use the ellipses (...) to navigate to the required directory for the chosen option; Standard; Export or AVI.

Once all options have been set click the OK button.



Figure 20: Clip Options.

View Buttons.

The View buttons; MAP; VIDEO; VIDEO/MAP; FRAME INFORMATION; EVENT, allow for different views of the currently playing video file. Frame Information and Event are toggles and if clicked a second time the previously set view will be return.

MAP.

If MAP is chosen, G4 Viewer Plus playback window will display a map which will reflect the route taken by the vehicle.

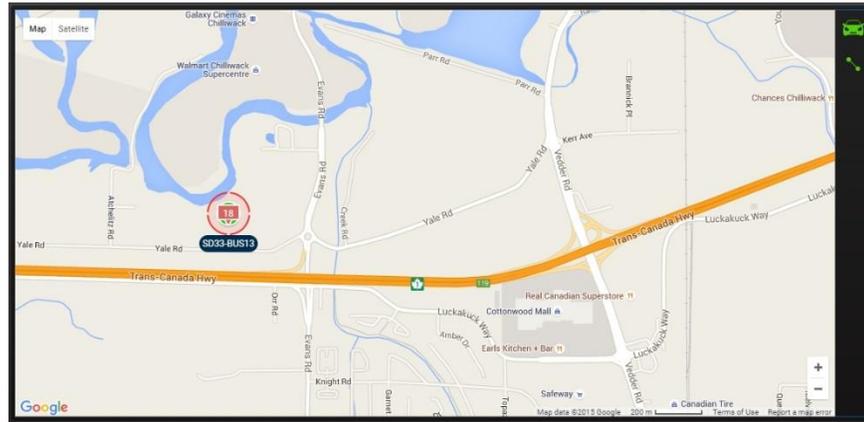


Figure 21: Map View.

Video.

When the Video button is clicked the playback screen will change to show just the video of the currently playing video file.



Figure 22: Video View.

Video/Map.

Video/map will display both the currently playing video file and also the Map reflecting the route taken by the vehicle.

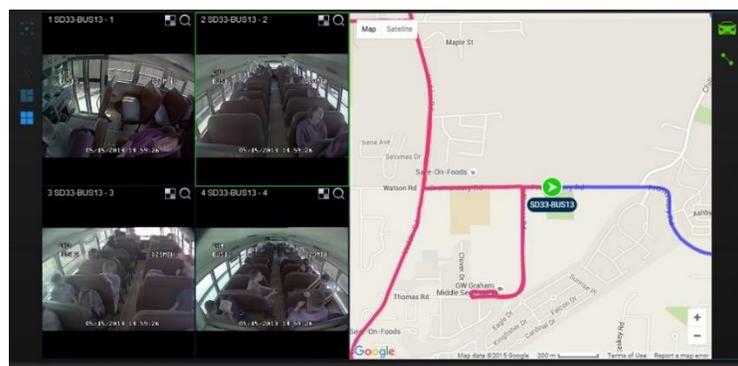


Figure 23: Video / Map View.

Frame Information.

The Frame Information window displays relevant information in respect to the status of the DVR and some configuration information.

The line of Sensor's at the bottom of the window indicate what sensor(s) are currently active when the Frame Information window is open.



Figure 24: Frame Information.

Event.

The Event button allows the user to jump to a specific Event marked within the recorded video. For example, if there was a report of an incident at 06:55 in the Event window double click on the time stamp nearest to the required time. This will cause the playback video to jump to that time stamp.

By default All Events are displayed, if a specific Event is required the side menu can be accessed and the required sensor can be selected to show only those Events.

To change the order of the sensor listing click on the Cog icon to the bottom right of the Event window.

A new window will appear.

In the Event Settings window highlight the required sensor/event to be re-ordered and use the Up or Down arrow button to change its position in the list.

Once the list is as required, click OK.

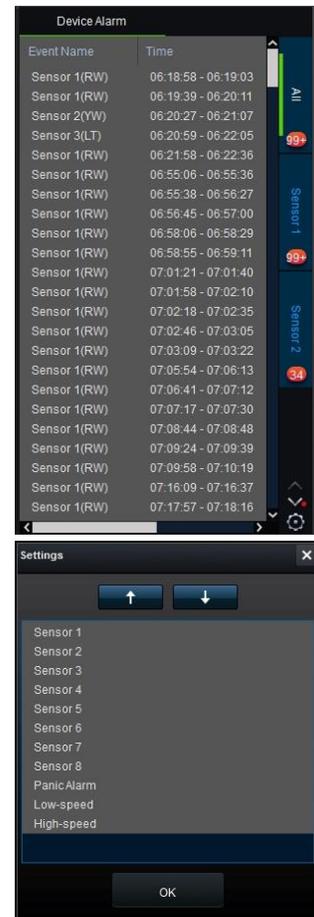


Figure 25: Events.

Vehicle Locator.

When G4 Viewer Plus is in either Map or Video/Map mode if the Vehicle locator icon is clicked the vehicle will jump to the center of the map.

Vehicle Route.

When G4 Viewer Plus is in either Map or Video/Map mode if the Vehicle Locator icon is clicked the route taken line will either appear or disappear dependent upon the state it was in the Vehicle Route icon was clicked.

Channel Selector / Playback.

In the Playback window you can choose which channels you wish to playback, or, place a checkmark into Select All to playback all video from the selected days video from either the Directory or HDD window.

Once selections have been made, click on the large right facing arrowhead.

Playback Window Extras.

In the playback window there are extras which will make the use of G4 Viewer Plus a much easier and more enjoyable experience.

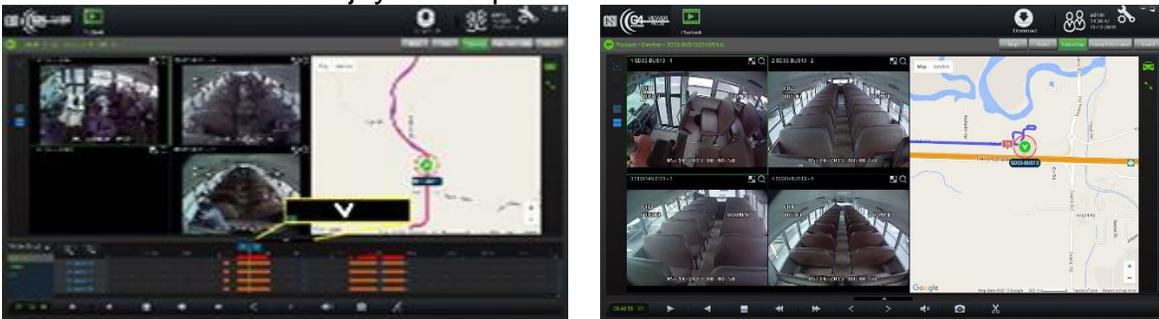


Figure 26: Playback Windows Extras.

The Call-Out in the Left image above shows the screen toggle which is located about halfway along the top of the Timeline. If this downward facing arrow is clicked the video or video/map view screen will replace the Channels/Speed/ACC information in the Timeline as shown in the image to the right above.

View Options:

When in Video or Video/Map mode to the left of the playback window are options for Full Screen; Window Focus and Channel Layout. The number of squares within Channel Layout will depend upon the number of current video channels being played back.

1. Full Screen. Click this icon to make the video playback go full screen.
2. Used in conjunction with (3) to enable additional video channels to be viewed.
3. Screen Layout Options. Sets output to the desired screen layout.



Figure 27: View Options.

 Full Screen



Figure 28: Full Screen Option.

 Next / Previous Page.

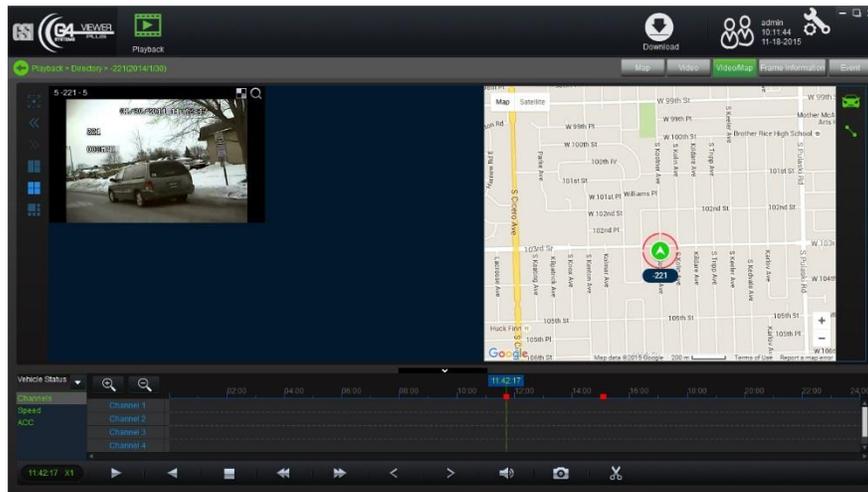


Figure 29: Next Previous Page.

 Screen Layout Options

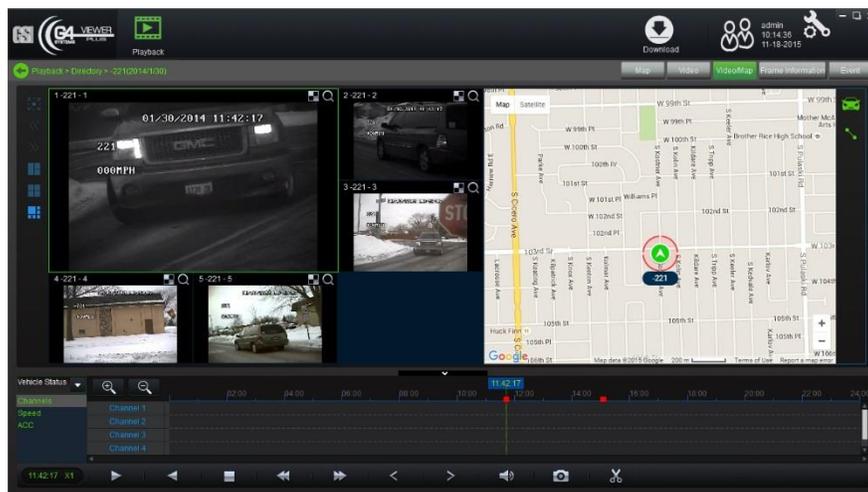


Figure 30: Screen Layout Options.

Video Zoom.

Within G4 Viewer Plus there is an option to Zoom-In on a specific area of a video. This allows a close up of an incident to be taken as a snapshot.

Pause video at the selected time.

Select the magnifying glass icon towards the top right hand corner of the required video channel.

The cursor will change to a crosshair. Click and Hold the left mouse button and drag to encompass the required area.

Release the mouse button. Once the required area has been selected, the video channel will display the zoomed in image as shown in Figure 31.

The snapshot will show the zoomed in image.



Figure 31: Video Zoom.

Blur Setting.

G4 Viewer Plus comes with a custom blur add-in, Mosaic, allowing individual and multiple elements in a video file to be blurred out at the time of playback and then exported as a clip as per normal clip creation process. If the subject which you wish to Blur-out is in more than one channel playback, Mosaic must be used on all channels the subject can be viewed in for the duration of the clip. Please note that the Blur Tracking feature is only available on G4 Viewer Plus V2.3.0.49 and later. G4 Viewer Plus is available as a free download from www.gatekeeper-systems.com.

The exported clip can be saved in all Three formats: Standard; Export (Stand alone player) and AVI.

Creating a Blurred Section.

If there is a need to blur out a particular section G4 Viewer Plus has an inbuilt function which will allow not only the blurring of a specific section with tracking but also multiple sections within the same region being created. Multiple Blur regions can be created in the same video playback allowing for increased versatility of playback options. If an inverted Blur is required this can also be created using Gatekeeper Systems G4 Viewer Plus.

By default the Blur function will create a Blur of 2 minutes duration, this can be shortened by use of the tools within the Blur edit window.

The Blur Edit window can be broken down into the following areas.

1. Add. Click to Add a Blur Region. Multiple Regions can be defined, however, Regions that overlap may cause video instability.
2. Current Playback Time. Displays the current playback time.
3. Playback Speed. Shows the current playback speed, e.g. X $\frac{1}{4}$ would be quarter normal playback speed.
4. Play button. Press to advance the playback.
5. Rewind. Plays the current video file in reverse.
6. Slow Forward. Decreases the playback speed.
7. Fast Forward. Increase the playback speed.
8. Previous Frame. Reverses the video by a single frame at a time.

9. Next Frame. Advances the video ahead by a single frame.



Creating a Simple Blur.

Open the video containing the section which contains the section you wish to blur. Select the Blur Edit icon in the main playback window. Press play until you reach the section you wish to Blur. Pause (1) to begin the blur process. Select Slow Forward (2) until X¼ (2a) playback speed is displayed. Select Add (3). Define the area to be blurred (4). Click Play to start the playback of video and playback until the required end pause point is reached. Select Pause (1). Select the Right most Green arrow (5) to snap the Blur end point back to the current playback pause point. Press the Check mark (6)

Click the Check Mark (6).



Move the playback marker to just before the start of the Blur region (7) indicated by a hatched area in the timeline window. Press Fast Forward (8) until X1 (8a) playback speed is displayed. Press Play (9). Verify Blur region is acceptable, if so, click OK (10). This will take you back to the main playback screen. If the Blur region is not acceptable click the Trash Icon (11) to remove the region. If a clip of the Blurred section is required for exporting, create the clip in the normal way.



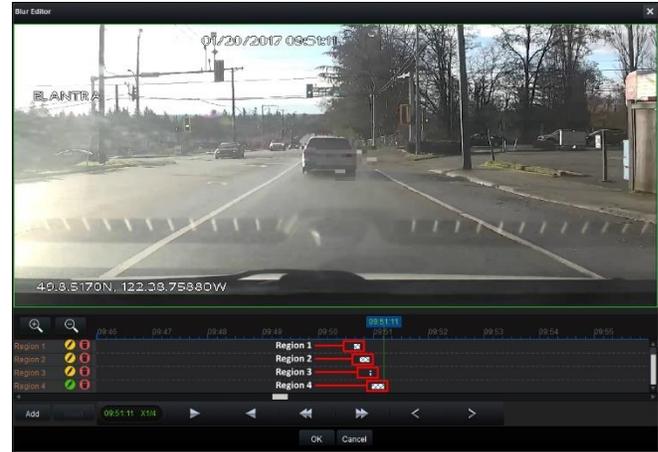
Creating Multiple Regions.

When there is a moving object in the selected video which moves out of the initial Blur region Multiple Blur regions can be created to effectively 'track' the object through the video playback. Please note regions which overlap are permitted but may cause video playback issues if many regions overlap.

Open the video containing the section which contains the section you wish to blur. Select the Blur Edit icon in the main playback window. Press play until you reach the section you wish to Blur. Pause to begin the blur process. Select Slow Forward until X¼ playback speed is displayed. Select Add

Define the area to be blurred and Click Play to start the playback of video and playback until the object begins to go out of Blur region. Select Pause Select the Right most Green arrow to snap the Blur end point back to the current playback

pause point. Press the Next Frame button until the pixilation ends, Press the Check mark. Repeat the steps to define a region until all regions have been created.



Creating Multiple Blur Areas.

Gatekeeper Systems G4 Viewer Plus has the ability to allow users to create multiple Blur areas within the same region. This feature is most useful when there are multiple subjects which are not to be visible in the final exported clip.

Follow the steps 1, 2 and 3 in Creating a Simple Blur.

Create the first Blur Area using the left mouse button.

Once this is complete create a second Blur Area using the left mouse button.

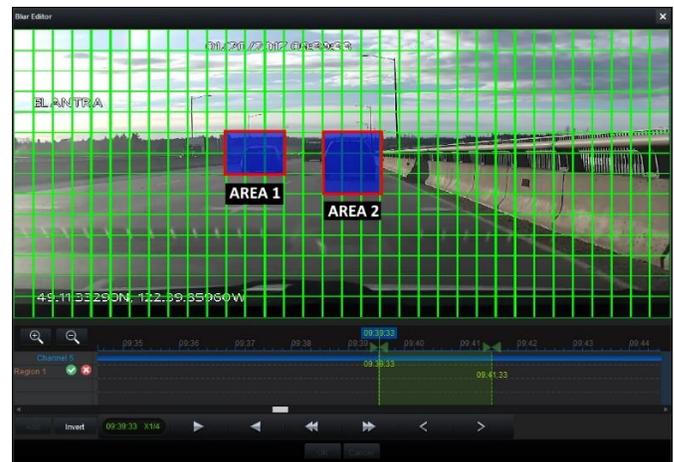
Complete the steps 1, 5 and 6 in Creating a Simple Blur.

Verify Blur region is acceptable, if so, click OK.

This will take you back to the main playback screen.

If the Blur region is not acceptable click the Trash Icon to remove the region.

If a clip of the Blurred section is required for exporting, create the clip in the normal way.



Inverted Blur.

When you want to have the subject clear to view but need to blur all other objects within the video Inverted Blurring can be used.

Press Pause at the point you want the blur to begin.

Click Add.

Set the Speed to X1/4.

Press Play. Once object blur time range has been viewed click pause.

Click the right-most  Green arrow. This will snap the end of the blur to the current pause position.

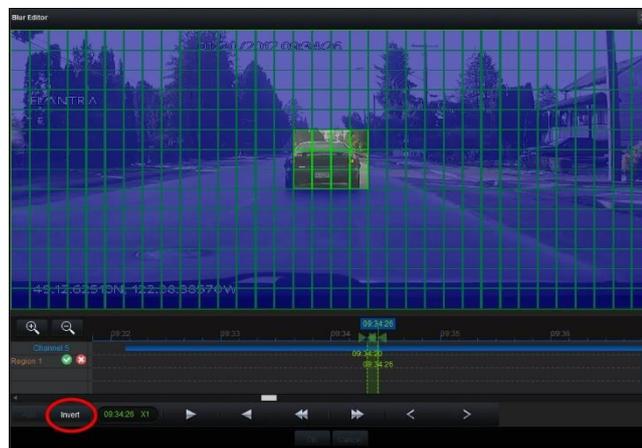


Once the time frame has been defined click the Invert button, bottom left of the Blur Edit window.

You will now see that the Object has become clear and all surrounding areas have become masked.

Click the Check mark, , to the right of Region 1 left hand side of the Blur Edit window.

Region 1 area has now been defined. Move the Playback marker to slightly before the beginning of the Blurred section. Press Play.



Verify Blur region is acceptable, if so, click OK. This will take you back to the main playback screen. If the Blur region is not acceptable click the Trash Icon to remove the region. If a clip of the Blurred section is required for exporting, create the clip in the normal way.

Frequently Asked Questions.

The speed on video shows in MPH but the speed on the graph is shown in KMH.

This is a setting which can be configured in G4 Viewer Plus. Click the Settings Icon in the top right corner and go to system settings. In the section labelled Unit Setup change the speed to MPH.

Other than frame-by-frame, is there a slow-motion mode?

Yes. Located in the Playback Controls are buttons for Slow Reverse ($\frac{1}{2}$ and $\frac{1}{4}$) Slow Forward ($\frac{1}{2}$ and $\frac{1}{4}$) ; Previous Frame and Next Frame.

Changing to Video Zoom mode moves the mouse pointer from where it was.

It automatically moves the mouse pointer to the top left corner of the selected video channel as this will be the origin of focus unless the user begins the selection elsewhere within the selected video channel.

I don't understand what ACC means.

ACC is referring to Gatekeeper Systems optional Accelerometer that measures G Forces, X; Y and Z, in the vehicle.

What's the difference between Standard and Export when making a clip?

With standard clipping the video is saved in a format that is native to the viewing software and will require G4 Viewer Plus for viewing. When making a standard clip the video is added to the directory in G4 Viewer Plus for later review.

When exporting a clip the video is saved as an executable embedded into a Miniature Player. This allows for users to send video to other individuals that would need to see the video but do not have G4 Viewer Plus.

G4 Viewer Plus is excessively full screen, preventing me from accessing my Windows Task Bar.

When running in window mode the minimum supported resolution is 1280X800. A display running G4 Viewer Plus must be capable of that resolution or greater to ensure that windows task bar is not obstructed.