

GATEKEEPER



G4ViewerPlus

G4 VIEWER PLUS

User Manual & Install Guide

Document Ref. No. : DN2882 V5.2

Document Date : December 2020

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1 Introduction

G4™ Viewer Plus offers un-paralleled video management with its ability to quickly find, save and share video incidents. High-definition video, synchronized with date and time stamps, GPS Mapping, and audio and vehicle sensors, gives you a complete picture of fleet events.

The G4 Viewer's quick and intuitive interface sets the standard for viewing and sharing video clips for fleet and asset management. Video clips can be saved locally as a multi-media video files (*.MP4 file format), or exported as a self-contained video player, to make sharing video clips easier than ever before.

1.1 Operating System Requirements

Microsoft Vista; Microsoft Windows 7; Microsoft Windows 8 and Microsoft Windows 10 operating systems.

1.2 Minimum System Requirements for Video Playback

Exceeding these playback guidelines may result in jumpy video, stalled video, slow updating on some video windows, black screens etc.

Customers can evaluate their own PC by opening up Task Manager (press CTRL, Alt and Del keys simultaneously and then select Task Manager). Then click on the performance tab so see how much of the CPU /GPU resources are being used.

Gatekeeper recommends not exceeding 90% of the CPU or GPU resource. If these values exceed 90% then reduce the number of simultaneous channels to be played back.

System Configuration	
Processor	i5-6400 2.7GHz
RAM	8 GB
Video Card	NVIDIA GeForce GT 720

G4 Viewer Plus (version 2.5.1.21) Video Playback Performance		
Resolution / Frame / Quality	Local Device Video Playback (max number of channels)	System Resource Usage
1080p / 15 / 1	8	CPU:80-90% GPU:40-60%
720p / 30 / 1	9	CPU:80-90% GPU:30-60%
720p / 15 / 1	10	CPU:80-90% GPU:30-50%

Minimum System Requirement for Video Playback of Gatekeeper's SP25

The following is the system requirement when playback SP25 camera (two 5 MP cameras) and one AHD camera 1080P, 20 FPS, Quality 1.

System Configuration	
Processor	Intel 7 th generation (Kaby Lake) i5 4 core processor 3.0GHz or better
RAM	minimum 8 GB
Video Card	NVIDIA GeForce GT 720 or better
Storage	7200 RPM HDD or better

2 Installation

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

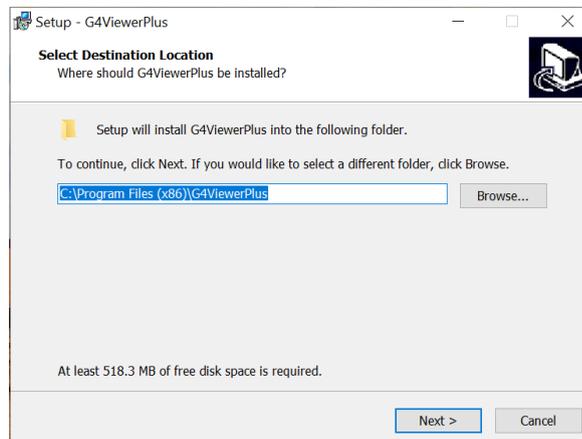
Installation:



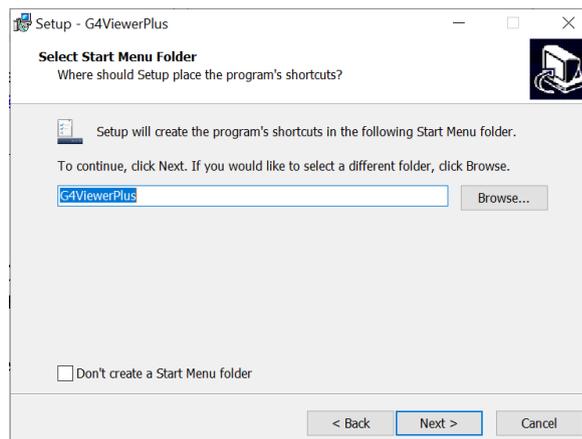
Double click on the G4ViewerPlus then follow the steps below.

1. When you're ready to proceed with the installation process, click **Next**.

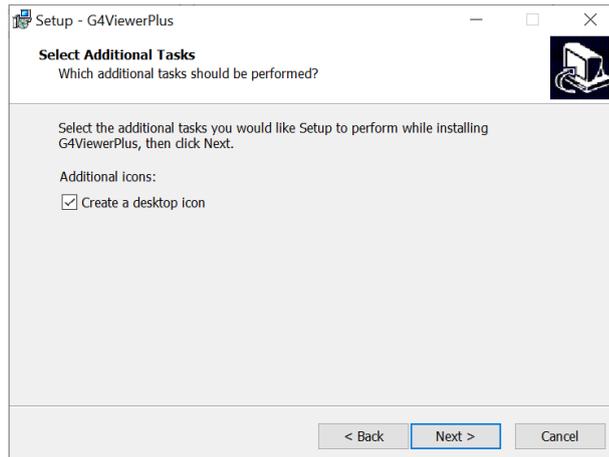
Note – At least 519 MB of free disk space required.



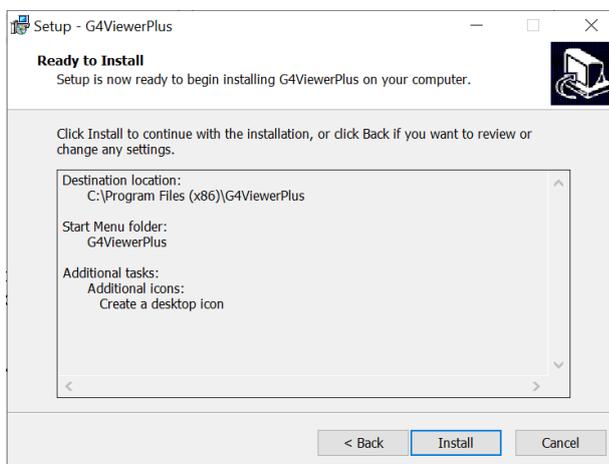
2. Choose **Next** to use the default install location; or click **'Browse...'** to select an alternate installation directory.



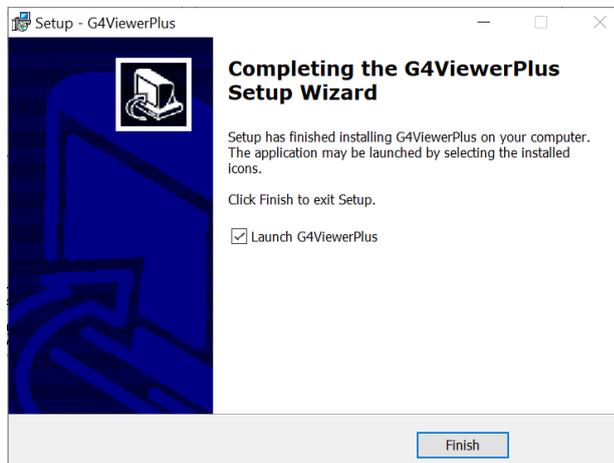
3. Check the check-box to create the desktop icon and click 'Next'



4. A summary window will display details including the location / options / additional tasks selected. Review, and then proceed by clicking **Install**



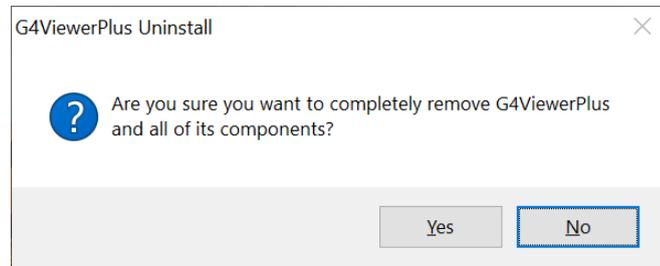
5. Click **Finish** to complete the installation process. You can choose to launch the G4 Viewer immediately by selecting the "Launch G4 Viewer Plus" checkbox.



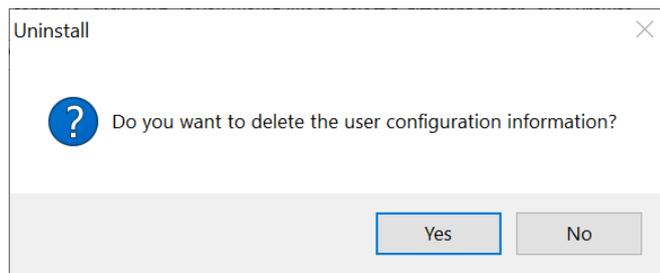
3 Upgrade G4V+ Version

If you have already installed G4™ Viewer Plus but you need to update the viewer then follow these steps,

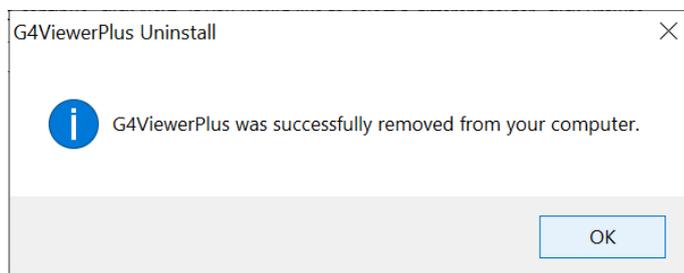
1. When you already have the older version of G4™ Viewer Plus, and you need to update to the newer version, then the system will first ask you to remove the older version. Click on **Yes**.



2. **Select** an option to keep or delete the user configuration information. To keep the system configuration information from the previous version, select **NO**.



3. Now you will see the confirmation message that G4™ Viewer Plus has been removed. You are ready to install the newer version. Follow the steps in [Installation](#).



4 Login



Double click in the G4™ Viewer Plus viewer icon to open the software.

Then you will see the home screen of the G4™ Viewer Plus.

Navigate To – Home Screen

Home screen	<i>Type</i>	Select the user type, options available are <ul style="list-style-type: none"> ▪ Local ▪ Server
	<i>User</i>	Select your user name. <ul style="list-style-type: none"> ▪ Admin
	<i>Password</i>	Leave this field blank. Note: User passwords are dependent on the system configuration, and may be changed by your system administrator using the 'Permissions Settings' panel.
	<i>Save Password</i>	Select the check box to save the password for the current user.
	<i>Ok/Cancel</i>	Click OK to proceed.

G4V+ User Interface

The screenshot displays the G4V+ User Interface with several key components labeled:

- Video Playback:** Located at the top center, it includes a 'Playback' button and a 'Video Playback' label.
- Download, Login, Config:** These are menu options located in the top right corner.
- Device Directory:** A panel on the left side showing a list of devices, including 'BUS 26', 'BUS 36', 'BUS 49', and 'BUS 50'.
- Calendar:** A calendar view on the left side showing the month of February 2020.
- Map Panel:** A map view on the right side showing the location of 'BUS 26' on a street map.
- Playback and Editing controls:** A control bar at the bottom center containing play, stop, and other video controls.
- Time and sensor details:** A panel at the bottom showing a timeline for 'Channel 1', 'Channel 2', and 'Channel 4'.

Additional UI elements include a 'Directory' tab, 'Add' and 'Delete' buttons, a 'Clipping Directory' section, a 'Calendar' view for '2020-02', a 'Map Panel' showing 'Lak vs Tall Road', 'Alcheitz Creek', 'Luckakuck Way', and 'Trans-Canada Highway', and a bottom navigation bar with buttons for 'Back', 'Channel', 'Speed', 'Alarm', 'Acceleration', 'Environment', 'Picture', 'OBD', and 'Frame info'.

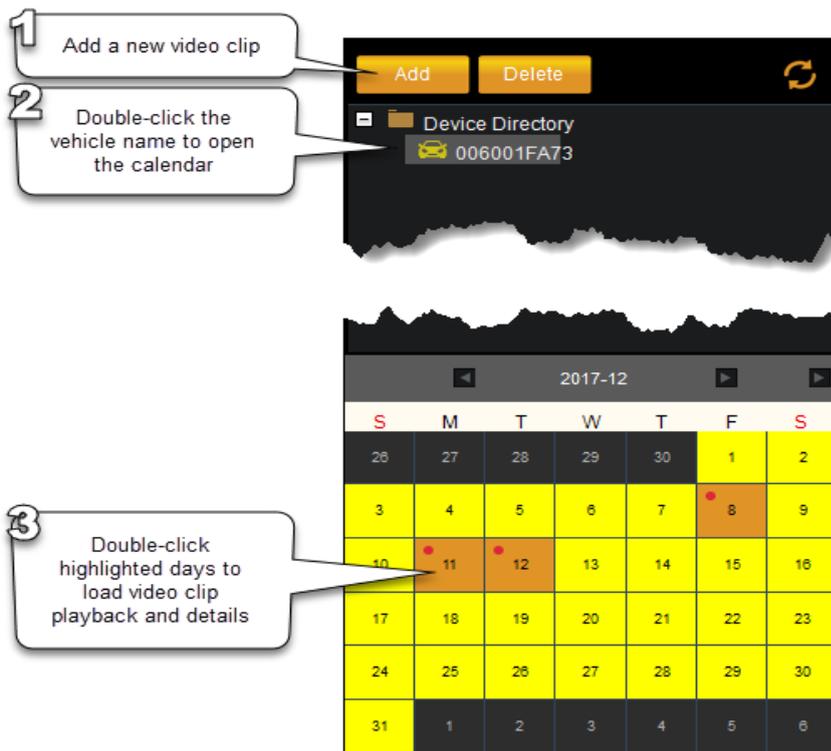
5 Device Directory

The Device Directory is a library of video clips stored to the local drive of the computer that are organized by vehicle name. Users can attach SD card or HDD to their PC / laptop via USB drive or USB port, the device will automatically show under Device Directory.

5.1 Adding a Video

To add a new video clip simply click the 'Add' button. The Select Folder dialog will appear. Navigate to the folder containing the video files, and click 'Select Folder.'

- Once a video is Added, the vehicle name will appear.
- Double-clicking on a vehicle name will load the Calendar, which displays the dates of videos recorded for the vehicle.
- Double-clicking on one of the highlighted Calendar days will load all recorded video clip information into the Video Playback and Timeline and Sensor Details panels.



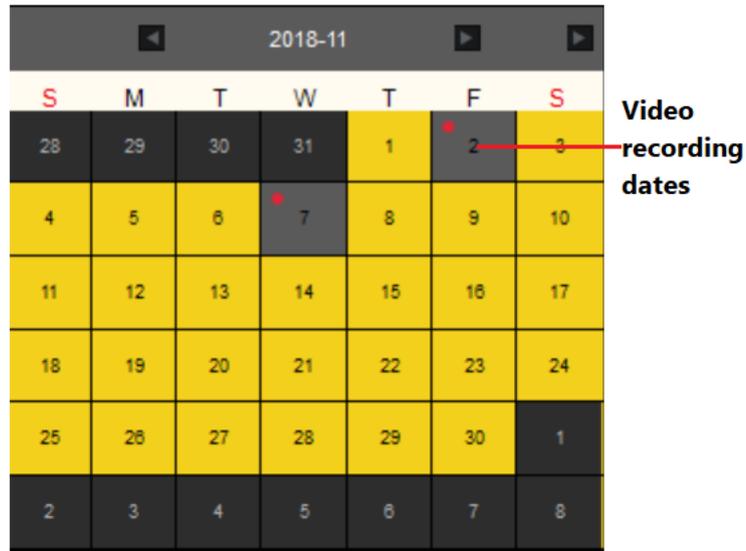
The Directory will automatically update once a new clip is created; displaying the name of the vehicle, and the date of the recording (in the Calendar panel).

5.2 Deleting a Video

To remove a video directory, highlight the video from the directory and click the delete button. This will remove the directory from the software but keep the video files intact.

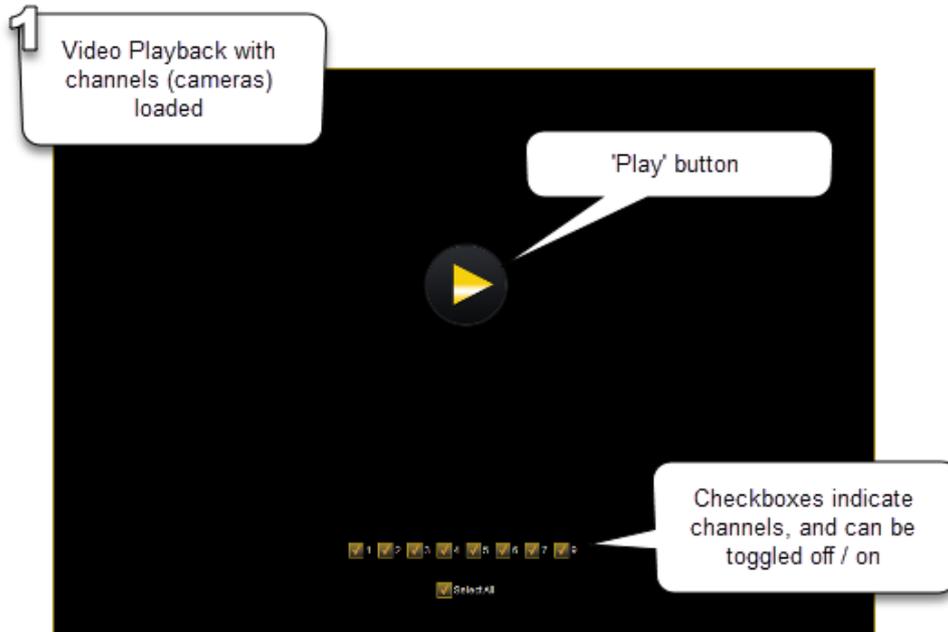
6 Calendar

The Calendar panel provides an intuitive interface to display and browse the dates of video clip recordings. Video recording dates are highlighted on the calendar in orange, and indicated by a red dot. Double-clicking a highlighted calendar day will load a video clip into the playback panel.

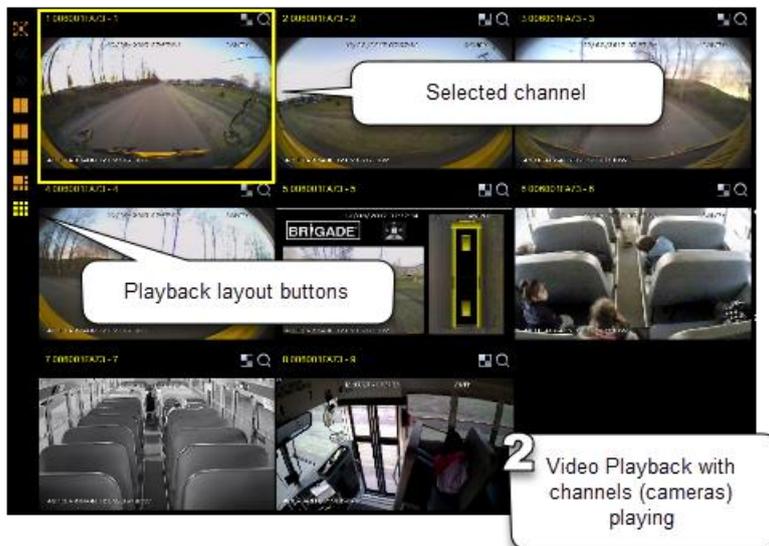


7 Video Playback

The Video Playback panel is used for viewing recorded video clips. When video is initially loaded, the panel will display the 'Play' button and all available channels.



Once you press 'Play', the videos (one for each channel) will begin playing.



The size or layout of the video playback channels can be modified to suit your preference:

- Double-clicking a channel will increase the size so that it fills the panel.
- The layout and arrangement of channels can be modified by selecting a channel with your mouse (a selected channel is indicated by a yellow bounding box), and dragging and dropping the channel into a new position.

	<p>Using the 'Full Screen' button maximizes the currently selected channel to fill the screen.</p>
	<p>Using the arrow to switch between the pages. When user playback multiple camera it will show 1-12 on the page one and 13-24 on the page two.</p>
	<p>Using the window toolbar, and selecting one of the '2-3-4-6-9 Windows', allows you to change the number of channels being displayed. If channels are hidden in the current playback window display, the 'next page' button will appear, allowing you to page through all the channels.</p>



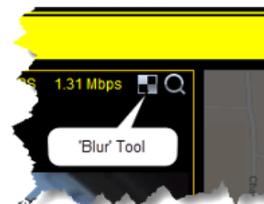
- Click and drag the channel to change the channel display sorting position.
- Click on expand or collapse to change the size of video playback section.

7.1 Channel Playback Detail

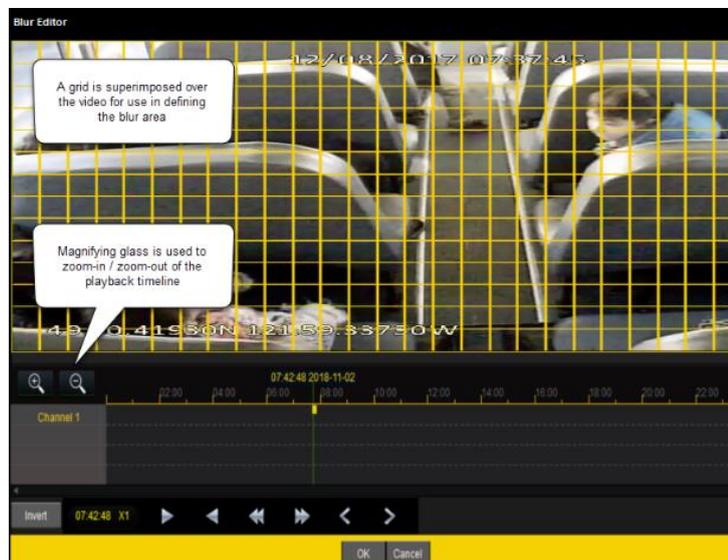


7.1.1 Blur Tool

The blur tool enables regions of a video file to be masked-out using a pixelated 'blur' during playback to protect an identity, or ensure anonymity in your video recordings.

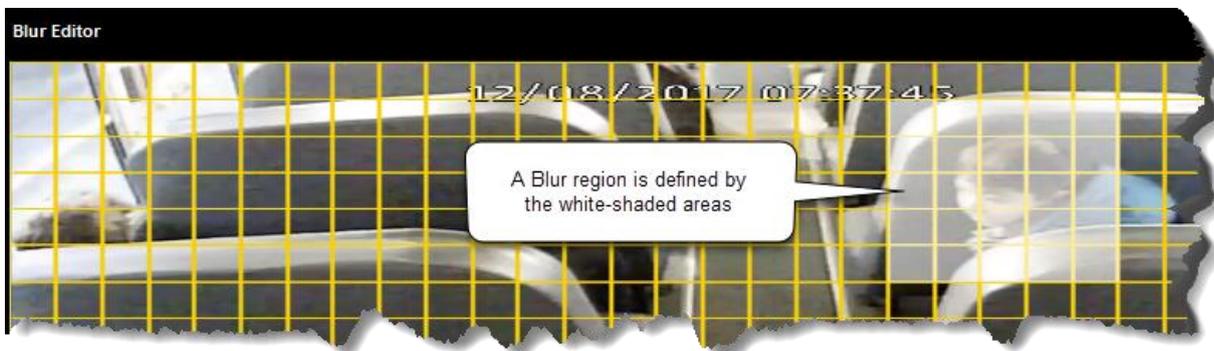


- Double click on the video, in video playback area, to enlarge the thumbnail.
- Opening the 'Blur' Tool, and it will launch the 'Blur Editor' interface.

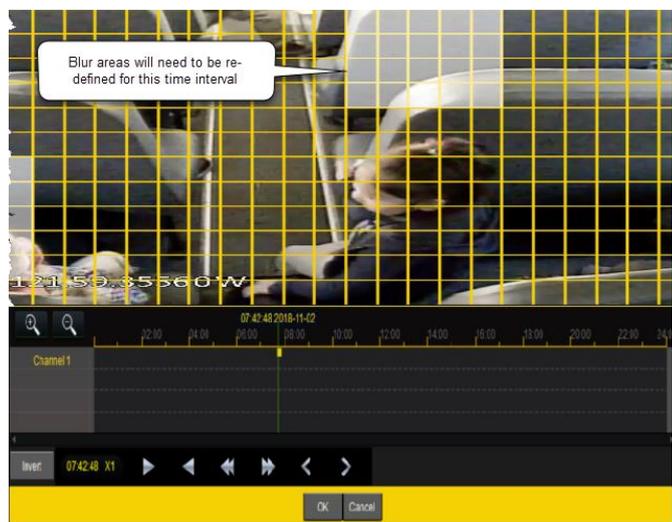


- After you open the 'Blur Editor', click on the grid to select the area to blur.

The Blur Editor is characterized by a yellow grid that is superimposed over the image displayed in the video playback window.



- A blur region is defined by clicking on cells in the grid, or drawing a fence by clicking and holding your mouse to define a rectangular area. You can create one or many blur areas, depending on your needs.
- Use the playback controls to advance the video and review the placement of the blur areas. If elements within the video move, the blur areas may need to be redefined.
- Click on "OK" button to save the settings.



7.1.2 Time Based Blurring Function

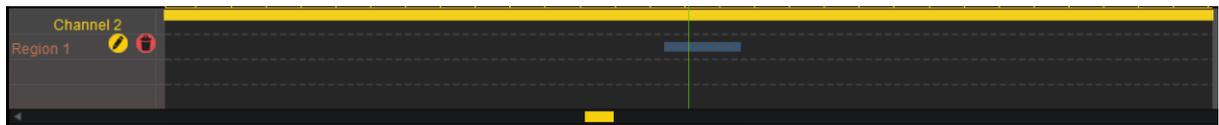
NOTE

Time based blurring function will blur the video for the selected time period. To enable this function, go to, [Configuration > Setting > Blurring Setting](#) and select the Time based blurring.

Select the blur function as shown in [previous step](#).



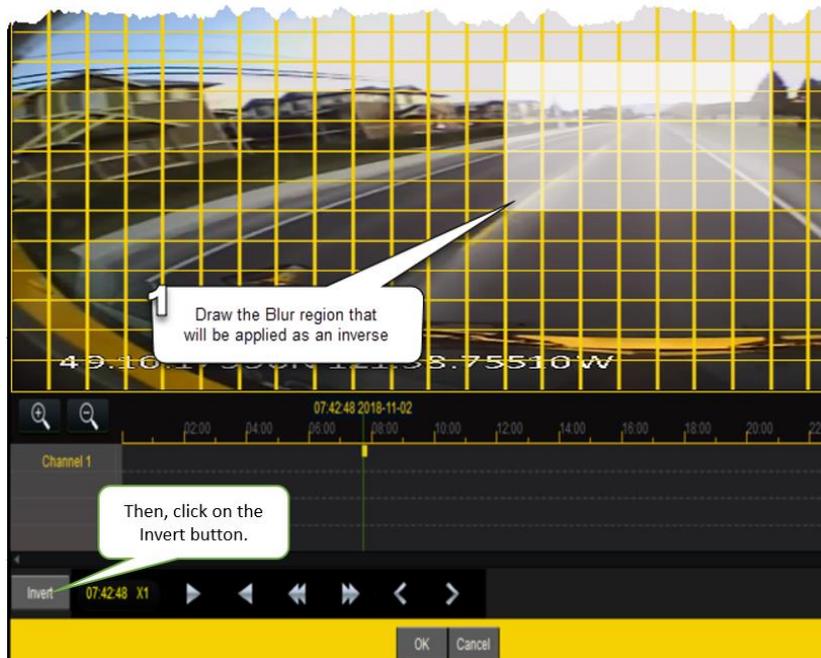
- After open the 'Blur Editor', click on the "Add" button and then grid to select the area to blur.
- A blur region is defined by clicking on cells in the grid, or drawing a fence by clicking and holding your mouse to define a rectangular area. You can create one or many blur areas, depending on your needs.
- Use the playback controls to advance the video and review the placement of the blur areas. If elements within the video move, the blur areas may need to be redefined.
- On the time bar, select and drag the time bars sideways to set the start time and end time.
- To confirm the selected region, click on green tick mark icon(✔). This will save region by the name of "Region 1".
- Add as many regions as you need.



- To edit a region, change the start time and end time, click on the marker icon(🕒).
- To delete a region, click on the 🗑 icon.
- Close the blur editor to save the settings.

7.1.3 Invert Blur

When the blur region to be defined is particularly large, it is often easier to use the 'Invert' blur tool. Define a blur area as you typically would; but rather than mask the areas to be hidden, the invert tool will keep the defined region visible, and blur everything else. As a result, elements not included in the blur area will be masked.



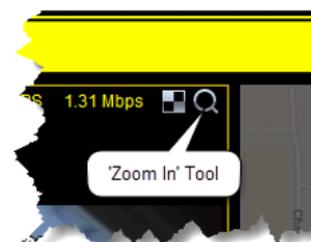
7.1.4 Unblur Tool

If you're not satisfied with the defined blur region, it can be removed by clicking the right mouse button over the selected blur area.

Note	Please export using MP4 format or Miniplayer in Single Executable File format to ensure blurring effect is not reversed
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7.1.5 Zoom In Tool

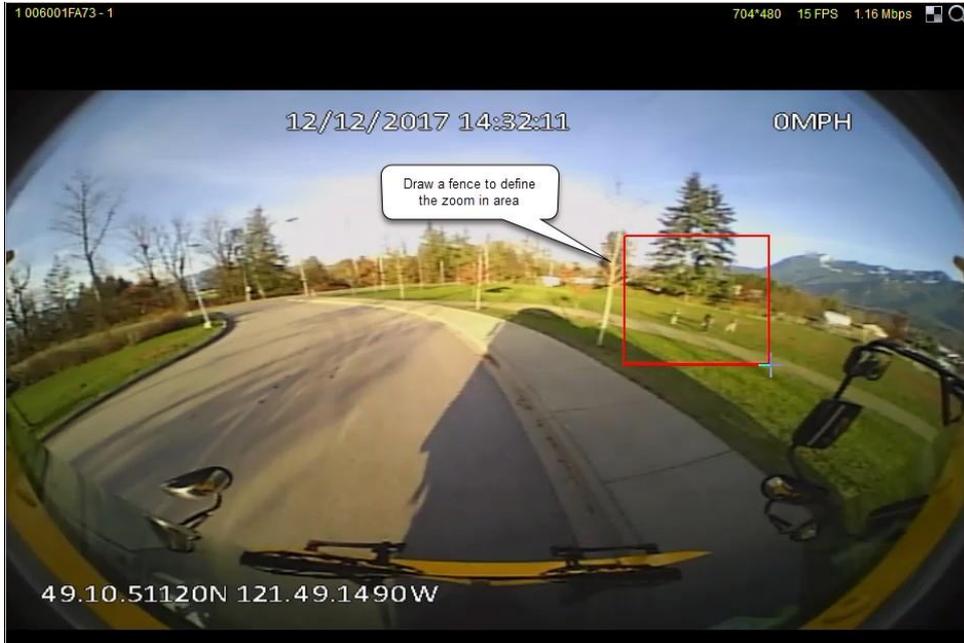
The zoom in tool enables an area of the video file to be enlarged on the screen.



Note	This tool increases the size of video pixels, but does not increase pixel resolution. Image clarity will be dependent on the original video dimensions and bit sampling.
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- Click the magnifying glass icon to launch the zoom in tool.

- The mouse-pointer cursor will change to a crosshair cursor. Define the area to enlarge by drawing a fence, which is represented on screen as a red rectangle. Once you release the fence, the screen will zoom to the defined area.



- To reset the zoom to full extents; click the magnifying glass once again. The mouse-pointer cursor will change to a pointing finger cursor. Double-clicking anywhere in the video clip to reset the extents.

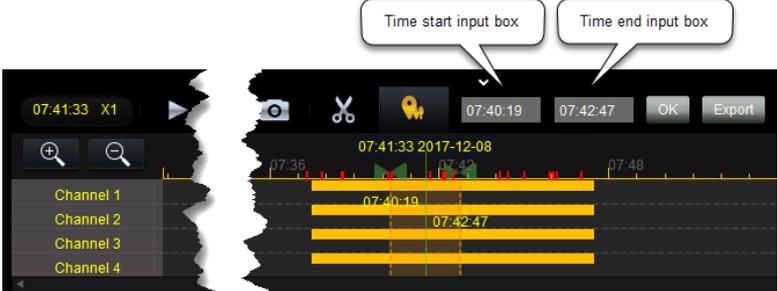
7.2 Playback and Editing Controls

Buttons on the playback toolbar are used to control the speed of video clip (channel) playback. Additional editing controls can be used to take snapshots, create video clips, and export the vehicle's GPS location information.

Note	Some buttons may be disabled until playback has started.
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	<p>Playback details</p> <p>The time of playback currently being displayed, and the playback speed (e.g.) X1 indicates normal playback speed.</p>
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	<p>Play Button</p> <p>To play the video.</p>
	<p>Pause</p> <p>To pause the video.</p>
	<p>Rewind</p> <p>Click on the rewind button to play video in reverse. To play video normally, just click on the play button again.</p>
	<p>Stop</p> <p>To stop the video.</p>
	<p>Slow Forward</p> <p>Reduces the playback speed. Each time the button is pressed the playback speed is reduced by half.</p>
	<p>Fast Forward</p> <p>Increases the playback speed. Each time the button is pressed the playback speed is doubled.</p>
	<p>Previous Frame</p> <p>Moves the playback backwards a single frame. Frame duration is defined by the video FPS setting.</p>
	<p>Next Frame</p> <p>Advances the playback forward a single frame. Frame duration is defined by the video FPS setting.</p>
	<p>Sound</p> <p>Opens the volume control toolbar to adjust and mute volume.</p>
	<p>Snapshot</p> <p>Takes an image snapshot of the current playback in a *.BMP file format. The location where the file is saved is specified in the Config, System Settings.</p>

	<p>Clip</p> <p>Creates a shorter duration video clip for sharing.</p> <ul style="list-style-type: none"> ▪ When the Clip button is pressed, playback is paused, and a 10-minute video clip is created; five minutes to either side of the current playback time (default setting). ▪ Clicking 'OK' opens the 'Clip Settings' dialog. In the dialog box, <ul style="list-style-type: none"> ○ Enter the starting and ending time of clip. ○ Select the channels from which the video is needed or select all to select all the channels. ○ Select the video format of the video. It could be Standard, Export, or MP4. (For more info read Video Format Types) ○ Select a path to save the video. ○ Select the video stream. ○ Click 'Ok' and the video will start downloading. It might take some time. To see the process, click on the 'Download' on the right top corner.
	<p>GPS Filter</p> <p>Exports the GPS location data for the vehicle. GPS data is exported as Lat / Long coordinate pairs in an *.XLS format.</p> <ul style="list-style-type: none"> ▪ When the GPS filter button is pressed, playback is paused, and a GPS filter is created. The duration of the GPS filter can be modified by adjusting the time start, and time end input boxes. <div data-bbox="533 1339 1310 1630" style="text-align: center;">  </div> <ul style="list-style-type: none"> ▪ Pressing 'OK' applies changes in duration, and 'Export' will save the *.XLS file to a local directory. ▪ Pressing the GPS Filter button again (when highlighted yellow) will dismiss the tool.
	<p>Video Check</p>

	<p>If G4+ finds any fault in the video, then they will be displayed under the 'Video Check' pop-up window. The pop-up window will also display the 'File Name' and the 'Check Result'.</p>
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7.2.1 Video Format Types

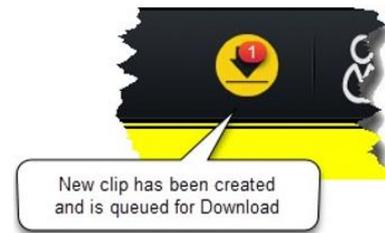
 006001FA73	<p>Standard: 'Standard' format exports video clips in the format used by the G4 Viewer Plus software. Choose 'Standard' when you will be sharing video clips with users who have a licensed version of G4 Viewer Plus installed.</p>
 006001FA73_2017 1208_073731_074 240.exe	<p>Export: 'Export' format exports video clips in a stand-alone application (*.EXE) that combines video clip data with a self-contained video player. Choose 'Export' when you will be sharing video clips with users who do not have access to G4 Viewer Plus, but still need access to sensor data, and the viewer's functionality.</p> <p>The Export option allows you to apply a password that must be supplied before the user can playback a clip.</p>
 0000000000000000 0-171208-073731 -074240-0000010 00200.avi	<p>MP4: 'MP4' format exports video clips as an '*.MP4' multimedia file. Choose MP4 when sharing video clips with users who have no need for sensor data, and have a media player installed (e.g. VLC, Windows Media Player, etc.).</p>

<p>Note</p>	<p>The data storage format used by the Mini Player is specified by using the 'Systems Setting' panel through the configuration tool. The Mini-Player export options include:</p> <ul style="list-style-type: none"> ▪ Single Executable File, or ▪ Separate Executable and Data File. ▪ Separate Executable and Folder
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7.3 Download

This menu will show you the current downloading videos.

An animation indicating a new clip is being created will appear in the 'Download' tool (top-right corner).



7.3.1 Task

In Download menu, the active downloading tasks are listed under the 'Task' tab. The list will show the Device ID, the progress of the current task, file type, the starting and the ending time of the current download video, and the status of the video.

Start Task		Stop Task		Clear Task				
Device ID	Progress	File Type	Start Time	End Time	Status			
BUS 34	0%	Standard	07:41:37 2018-11-02	23:55:55 2018-11-02	Downloading			

7.3.2 Completed

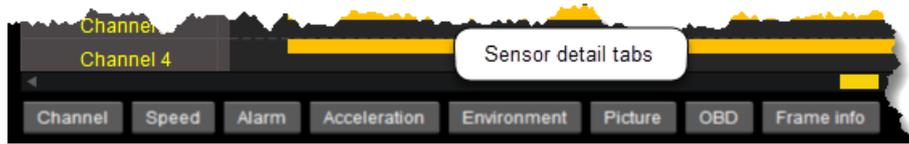
Under the 'Completed' tab, the list contain the finished tasks.

Task		Completed (5)				
Device ID	Status	Start Time	End Time	File Type	Storage Path	
✓ BUS 34	Completed	07:41:37 2018-11-02	07:48:32 2018-11-02	mp4	C:\USERS\DESKTOP\	
✓ BUS 34	Completed	07:41:37 2018-11-02	08:10:48 2018-11-02	Standard	C:\USERS\DESKTOP\BUS 34\2018-11-02\record\	
✓ BUS 34	Completed	07:41:37 2018-11-02	07:46:48 2018-11-02	Standard	C:\USERS\DESKTOP\BUS 34\2018-11-02\record\	
✓ BUS 34	Completed	07:41:37 2018-11-02	23:00:48 2018-11-02	Standard	C:\USERS\DESKTOP\BUS 34\2018-11-02\record\	
✓ BUS 34	Completed	07:41:37 2018-11-02	23:55:55 2018-11-02	Standard	C:\USERS\DESKTOP\BUS 34\2018-11-02\record\	

- The green tick means that the video is successfully downloaded.
- The list has Device ID, Status, Starting time and the Ending Time of the video, and the type of the file.
- Storage Path shows the location of the downloaded file.

8 Timeline and Sensor Details

The timeline can be used to monitor video playback, and is also the primary panel for displaying sensor information.



Note	The sensor information available will depend on the DVR model installed, and the DVR configuration at the time of recording. In cases where a sensor is unavailable, or has not been configured, no information will be displayed. Consult your DVR manual for more information on the sensor types that are supported.
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8.1 Zoom Controls

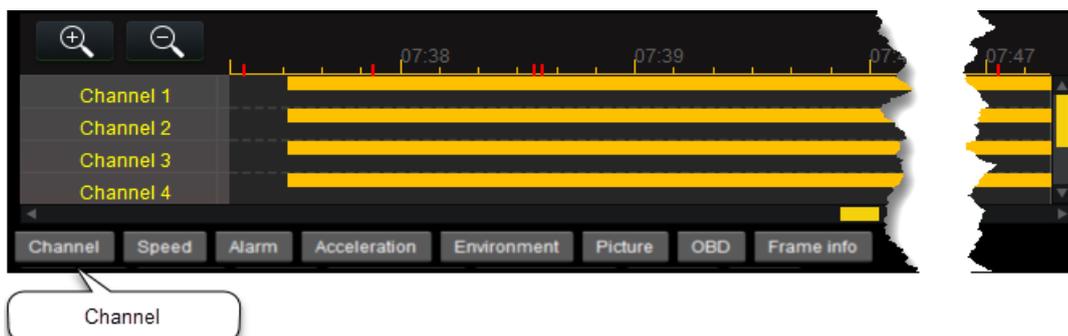
Zoom controls allow you to increase or decrease the size of the information displayed in the sensor panels.



Note	Using zoom controls will dynamically adjust the sensor information scales; limiting the scale to reflect only the data displayed.
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8.2 Channel

Panel displaying the channels (cameras), and recording duration.



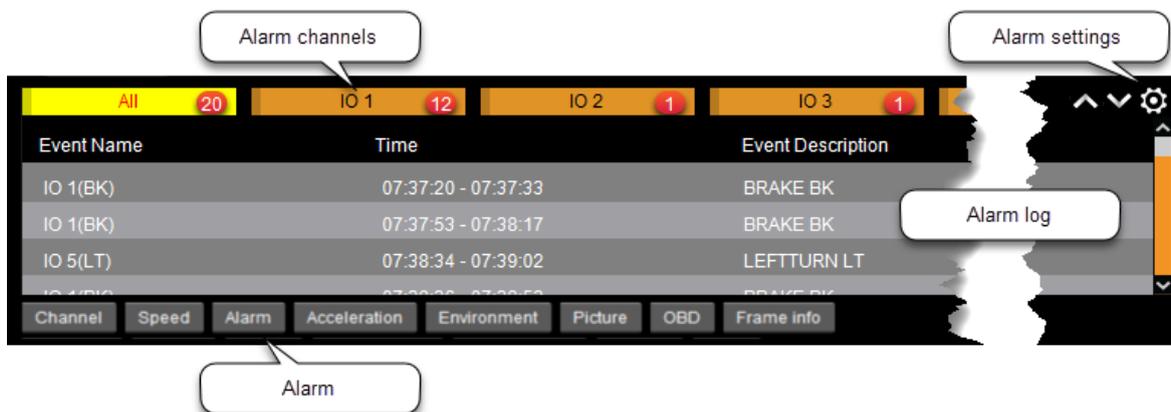
8.3 Speed

Speed panel displays vehicle speed, and wheel rotation speed. The graph displays the speed for each recorded frame, and includes the minimum and maximum speeds travelled (MPH / KPH).



8.4 Alarm

Sensor panel displaying configured alarms. Alarm logs can be reviewed by individual channel, or by combining channels together. Examples of alarms that can be configured include: 'Braking', 'Turning Direction', 'Stop Arm' deployed, etc.



8.5 Acceleration

Sensor panel displaying vehicle acceleration. Acceleration is recorded along the X, Y, and Z axis, and represents change in velocity over time.



8.6 Environment

Sensor panel displaying environmental variables for the DVR and the vehicle. Examples of variables that can be configured include: DVR 'Voltage' (V), DVR 'Device Temperature' (°C), vehicle 'Environment Temperature' (°C), etc.



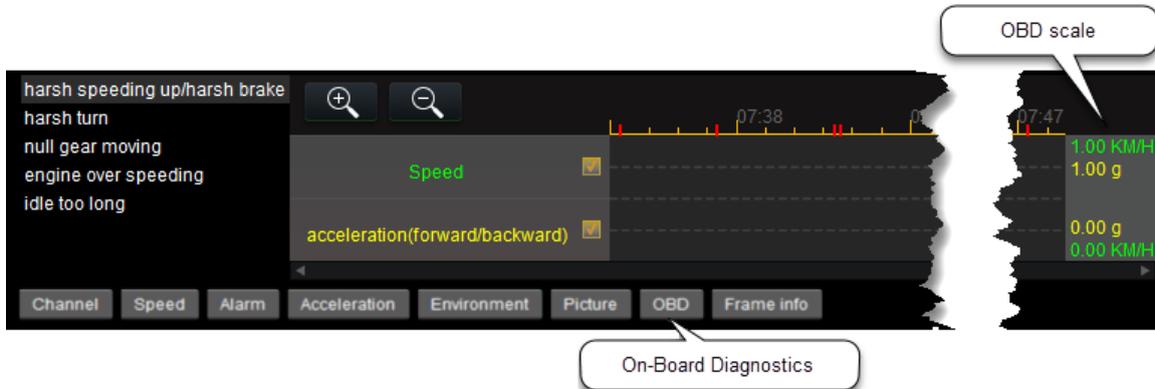
8.7 Picture

Panel displaying a library of pictures taken using the 'Snapshot' tool.



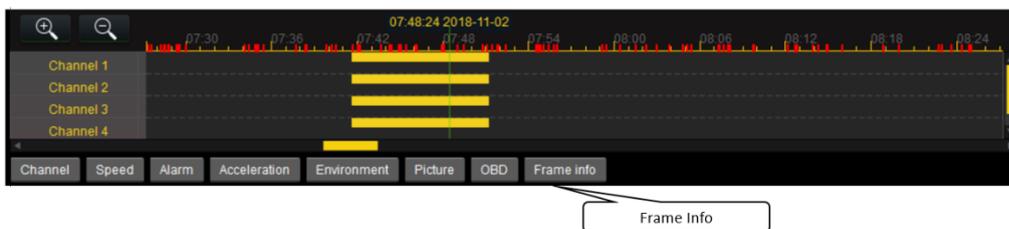
8.8 OBD (On-Board Diagnostics)

Sensor panel displays any on-board diagnostic alarms that have been configured. OBD alarms typically make use of a DVR's accelerometer, and examples of configurations include: 'harsh speeding up/harsh braking', 'harsh turns', 'engine idle too long', etc.

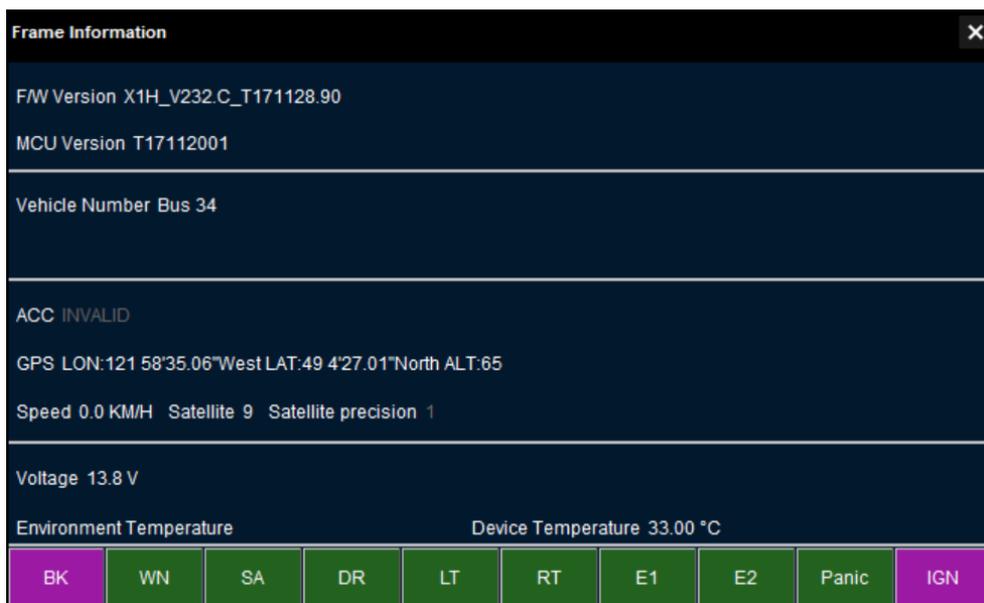


8.9 Frame Info

This section will give you more information about the current video frame. Click on the Frame Info will open a new pop-up window.



After click on the Frame info, you will see a "Frame Information" window.



The window will also show the sensor details at the bottom of the window that is obtained from vehicle's OSD. The active sensors are highlighted in pink background and the non-active sensor have green background.

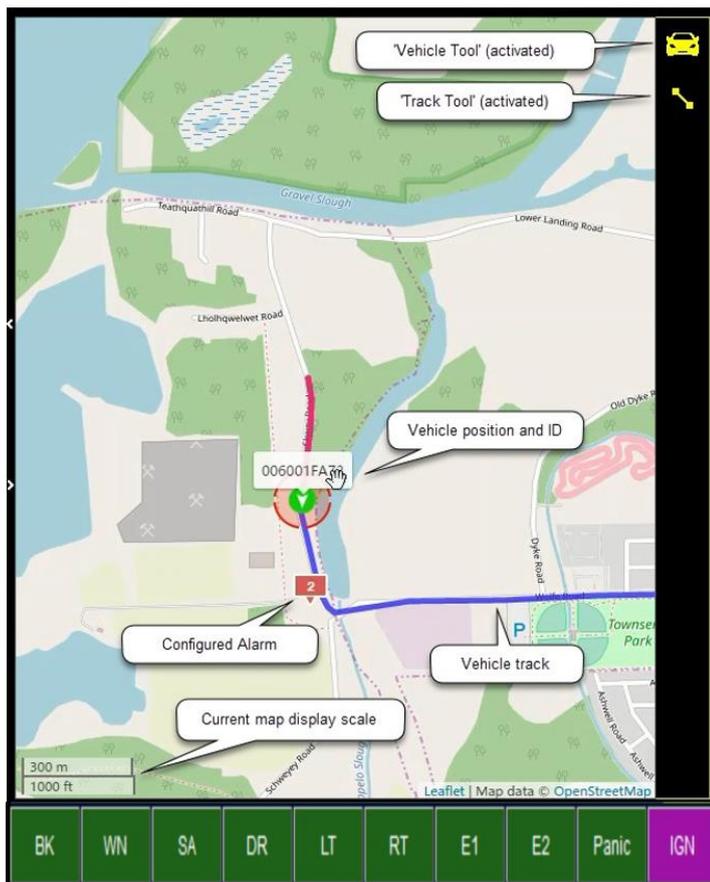
The sensor details are,

OSD NAME	SENSOR
BK	BRAKE
WN	WARNING LIGHTS
SA	STOP ARM
DR	DOOR
LT	LEFT TURN
RT	RIGHT TURN
EX1	EXTRA1
EX2	EXTRA2
IGN	IGNITION

9 Map Panel

The Map Panel displays the location information for the recorded video clip.

The graphical map will display the position for a vehicle using a green arrowhead, (while identifying the vehicle with its ID number), and the track that was followed by the vehicle. The vehicle's position in the map panel will move along the track in relation to the time currently displayed in the video playback; and the playback tools ('Play', 'Fast Forward', 'Stop', etc.) can be used to adjust the vehicle's position and movement.



9.1 Map Panel Tools

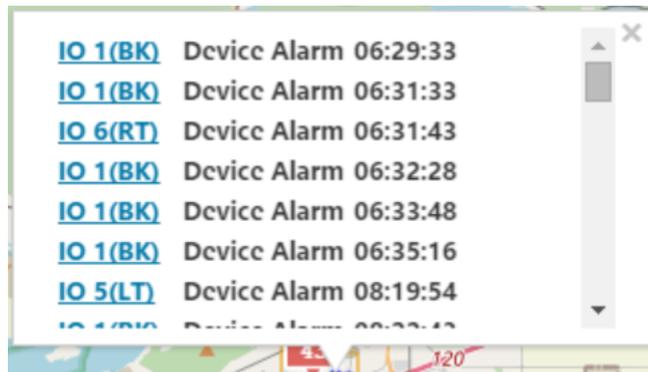
	<p>Vehicle Tool</p> <p>Used to toggle the vehicle's zoom tool 'On' or 'Off'. Once activated, a dashed ring will appear around the vehicle's position. Double clicking the ring zooms to the vehicle's location.</p>
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	<p>Track Tool</p> <p>Used to toggle the visibility of the vehicle's track, or the path that was followed by the vehicle, 'On' or 'Off'.</p>
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<p>Note</p>	<p>Map panel tools are toggled 'On' in their default state.</p>
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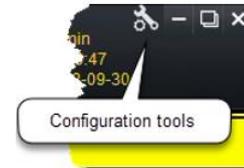
9.1.1 Alarms

Configured alarms are also displayed in the map panel, and are indicated using a numbered red marker. Clicking on the marker will display the alarm details.



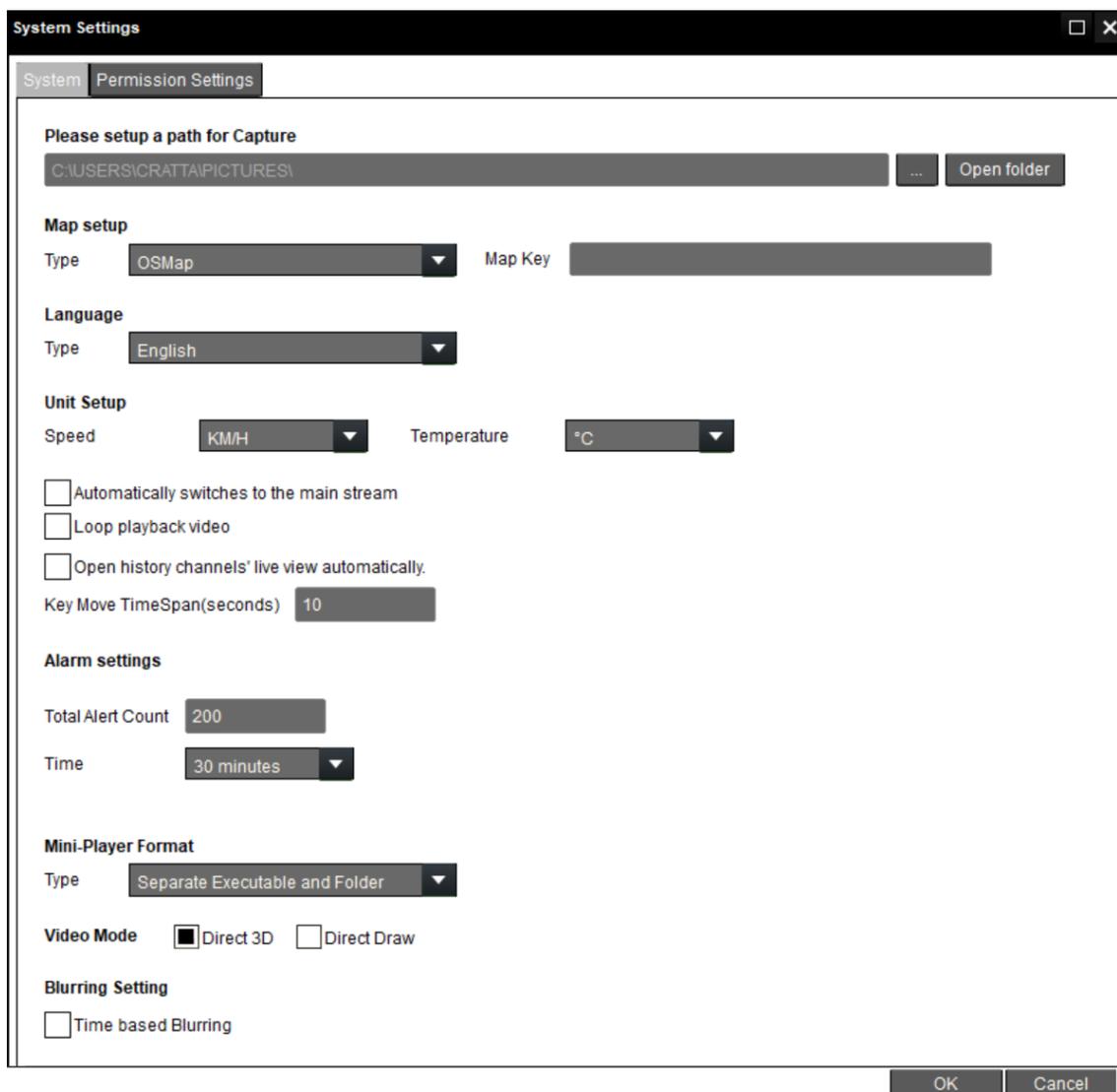
10 Configuration

Configuration tools for G4 Viewer Plus are accessed by clicking the wrench and gear icon located in the upper- right corner.



10.1 System Settings

Clicking the configuration tools icon opens a drop-down menu with 2 options: 'System Settings', and 'About'.



Navigate To – Home Screen → System Settings → System

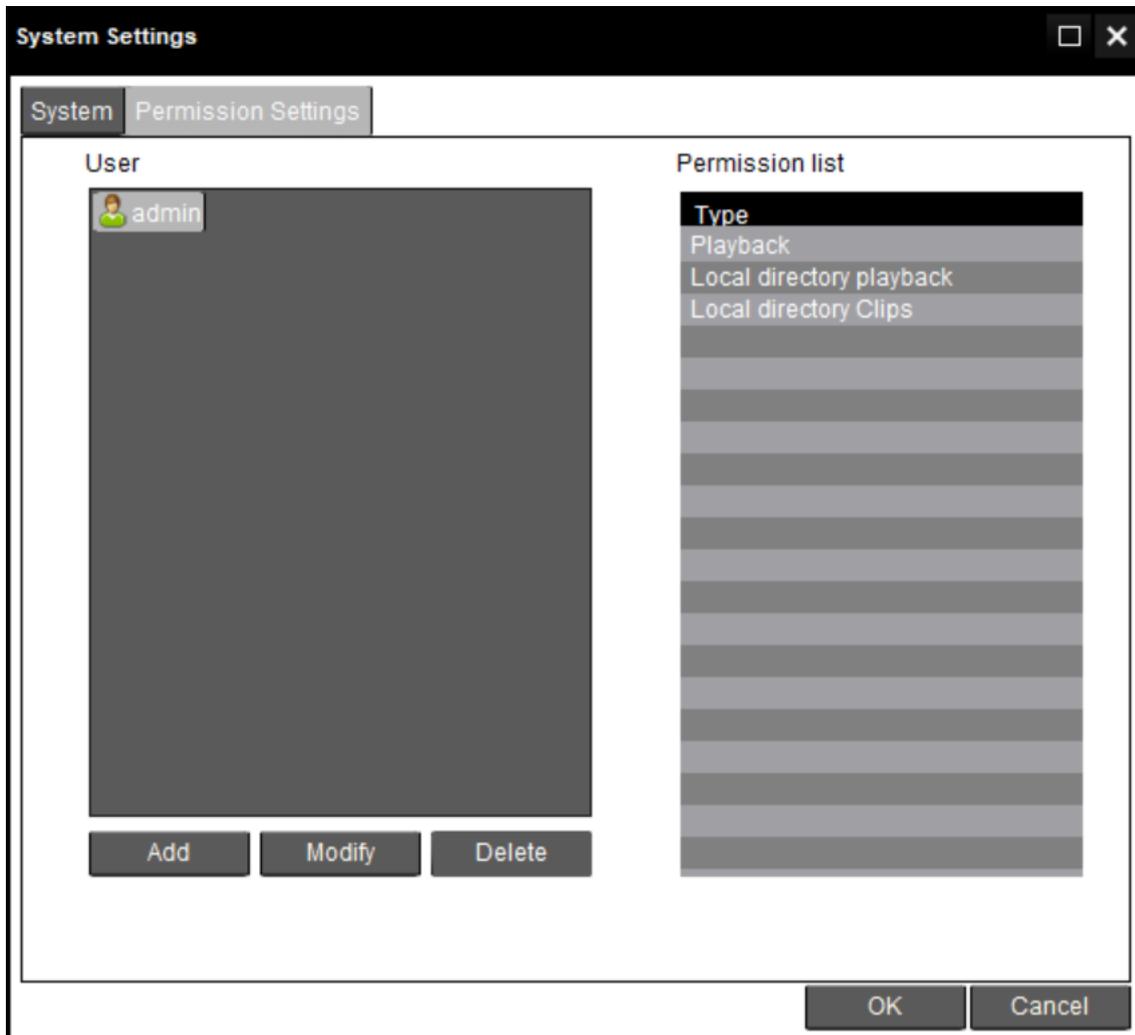
System	<i>Select Path</i>	To select the path for the pictures that are captured from the video.
Map Setup	<i>Type</i>	Select the type of the map that will be used to view the location information of the recorded video. The satellite view in the map can only be seen in the Google view type. <ul style="list-style-type: none"> ▪ OSM(OpenStreetMap) ▪ Google
	<i>Key</i>	If user wants to use Google map instead of Open street map (OSM), they have to put their own key.
Language	<i>Type</i>	Select the language of G4Plus. DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ English
Unit Setup	<i>Speed</i>	Select the unit of speed. <ul style="list-style-type: none"> ▪ KM/H ▪ MPH
	<i>Temperature</i>	Select the unit of temperature. DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ C°
	<i>Automatically switch to the main Stream</i>	This setting is for playback/online. If this setting is checked, then the video will automatically switch to the main stream. Usually, the video runs on the sub-stream. DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ Checkbox Unselected
	<i>Loop play back video</i>	DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ Checkbox Unselected

	<i>Open history channels' live view automatically</i>	It will re-load all channels previously loaded whenever user turn on Live view. DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ Checkbox Unselected
	<i>Key move TimeSpan</i>	DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ 10 Seconds
Alarm Settings	<i>Total Alarm Count</i>	DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ 200
	<i>Time</i>	DEFAULT SETTINGS: <ul style="list-style-type: none"> ▪ 30 minutes
Mini-Player Format	<i>Type</i>	The Mini-Player Format options are used to control the behavior of 'Export' clips created when using the 'Clip' tool. These options provide additional flexibility when creating clips that are particularly large in size (greater than 4 GB). <ul style="list-style-type: none"> ▪ Single Executable File <p>A 'Single Executable File' is the default setting for exporting clips into the Mini-Player ('Export') format. This setting will tightly-couple the video clips, sensor data, clip metadata, and video player into a single executable *.EXE file. This setting is best for file portability, since only a single file will be created. Limitations: This setting can only be used for video clips that are smaller than 4GB in file size. If your video clip is larger than 4GB, you must choose either the 'Separate Executable and Folder', or 'Separate Executable and Data File' format settings.</p> <ul style="list-style-type: none"> ▪ Separate Executable and Data File

		<p>The 'Separate Executable and Data File' setting is used for video clips in the Mini-Player ('Export') format larger than 4GB in size. This setting will loosely- couple the exported clip into a) the video player executable (a system generated file with the *.EXE file extension), and b) the 'data' file (a system generated file with the *.G4V file extension). Installing the executable (*.EXE file) will automatically read the data from the accompanying data file, without any further configuration required by the user.</p> <p>Note – Changing the Mini-Player format options will require a system restart in order to take effect. Clicking 'OK' when prompted will close down, and restart the G4 Viewer Plus application (no additional login details will be required).</p>
Video Mode		<p>Two different modes for the playback video.</p> <p>DEFAULT SETTINGS:</p> <ul style="list-style-type: none"> ▪ Direct 3D
Blurring Settings	<i>Time based blurring</i>	<p>DEFAULT SETTINGS:</p> <ul style="list-style-type: none"> ▪ Checkbox Unselected
		<p>OK – ok to save the settings. The application might ask you to restart G4Plus. Please restart to see the changes.</p> <p>Cancel – Click cancel to cancel the changes.</p>

10.2 Permissions Settings

A second 'Permissions Settings' tab is where user names, logins, and permissions can be configured.



Navigate To – Home Screen → System Settings → Permissions Settings

Permission Settings	<i>Users</i>	List of all the users. Click on the user to see the permissions of the user.
	<i>Permissions</i>	List of all the permissions that selected user has.
	<i>Add</i>	To add a new User. In the add user, you will see <ul style="list-style-type: none"> ▪ User ▪ Password ▪ Repeat Password

		<p>Enter the information in the fields. On the right-hand side, the permissions can be set for the new user. Permissions are,</p> <ul style="list-style-type: none"> ▪ Playback Gives the access to the user to play the videos in the G4Plus. ▪ Local directory playback Gives the user access of locally stored videos. ▪ Local directory Clips <p>Note - Admin can create the new users and set the permissions for them.</p>
	<i>Modify</i>	To modify the selected user settings.
	<i>Delete</i>	To delete the selected user.
		<p>OK – ok to save the settings. The application might ask you to restart G4Plus. Please restart to see the changes.</p> <p>Cancel – Click cancel to cancel the changes.</p>

10.3 About

Displays the version of G4ViewerPlus currently installed.

11 Logout

User Information

Displays the current login user information along with current time and date. Click on the icon to log out from the current user.

