

## G4 Viewer Plus version 2.5.1.21 - Release Note

This document is the release note for G4 Viewer Plus version 2.5.1.21. It includes the major features and recommended settings for this software version.

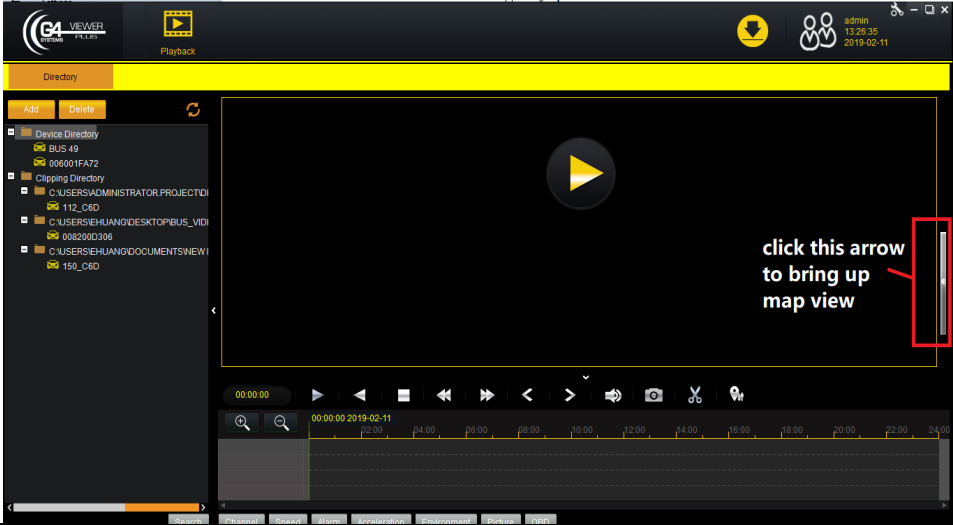
### 1. Gatekeeper branding color

This is the first official of G4 Viewer Plus with Gatekeeper yellow branding color.

### 2. Default map is now OpenStreetMap

Version 2.5.1.21	Default map has changed to OpenStreetMap.  User can choose to use OpenStreetMap (recommended) or Google map in System Settings.
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### 3. Default map view is hidden

Version 2.5.1.21	<p>After installation, launch G4 Viewer Plus for first time, there is NO map view.</p> <p>To see the map view, click on the arrow icon shown in the screenshot below:</p>  <p>The screenshot shows the G4 Viewer Plus interface. On the left is a 'Directory' panel with a tree view of folders and files. The main area is a dark grey rectangle with a large yellow play button in the center. On the right side of this rectangle, there is a small white arrow icon pointing right, which is highlighted by a red box. A text label 'click this arrow to bring up map view' is positioned to the right of the arrow, with a red line pointing to the arrow icon. Below the main area is a playback control bar with various icons and a timeline.</p>
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## 4. Miniplayer LARGE File Downloads

Support for two Miniplayer (Export) file formats for video clip:

*Single Executable File and Separate Executable and Data File*

Version 2.5.1.21	<p>Support two Miniplayer file formats: Single Executable File and Separate Executable and Data File</p> <p><u>Single Executable File</u> Export video clips and sensor data into a single executable *.EXE file. <a href="#">Size limitation: 4GB</a></p> <p><u>Separate Executable and Data File</u> When the .EXE format (miniplayer) is selected two files are produced a) the video player executable file (*.EXE file), and b) the 'data' file (*.G4V file extension) This has been tested to 1 hour of video, 10 cameras, 720p 15 fps (approximately 16GB) files</p> <p>To choose one of the export file formats: In G4Viewer Plus, go to System Settings -&gt; Mini-Player Format</p>
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## 5. New blur feature

Version 2.5.1.21	<p>Support time based blurring User can select specific blur region and the duration they want to make the blurring.</p> <p>Support entire video blurring (new feature) The blurring region selected is for the entire video clip.</p>
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## 6. Recommended installation procedure

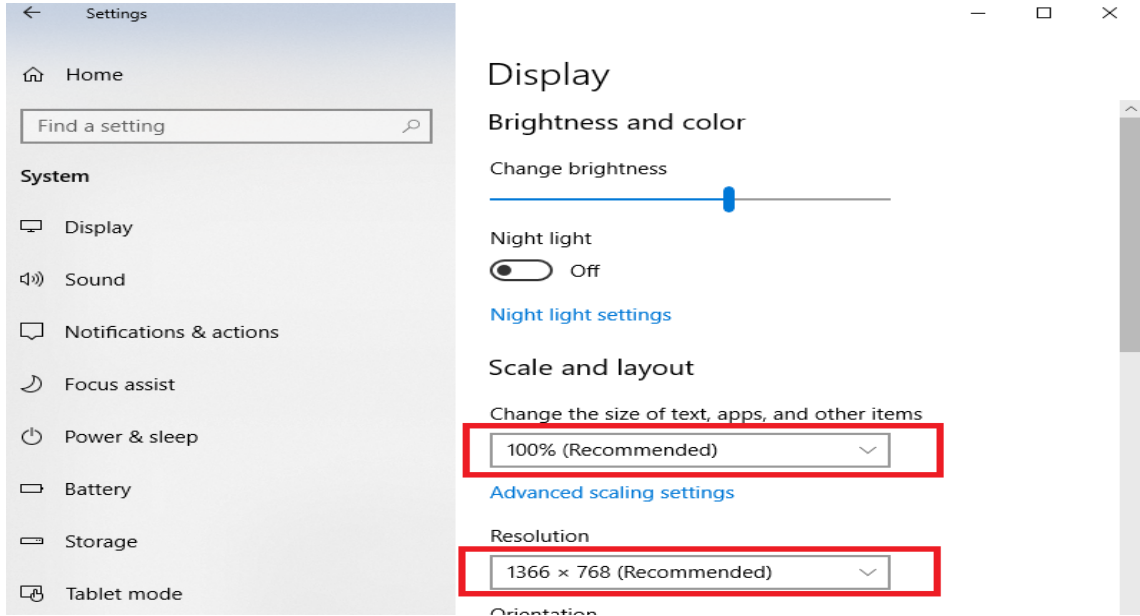
Follow the following steps to install G4 Viewer Plus version 2.5.1.21 on PC:

- Uninstall previous G4 Viewer Plus version
- Reboot PC after the uninstallation
- Install G4 Viewer Plus version 2.5.1.21
- Reboot PC after the installation

## 7. Use Windows recommended display settings for viewing the G4 Viewer Plus

For Windows 10, go to Settings -> System -> Display.

Choose the Recommended settings for Scale and layout and Resolution.



**\*If there are any viewing problems (for example, unable to see or click icons properly), please contact Customer Care team.**

## 8. Minimum system requirement for video playback

The playback of High Definition Video is very resource intensive. Please use the following guidelines for a typical modern PC.

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 Cntrl, 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.

<b>Minimum System Configuration</b>	
Processor	i5-6400 2.7GHz
RAM	8 GB
Video Card	NVIDIA GeForce GT 720

<b>G4 Viewer Plus (version 2.5.1.21) Video Playback Performance</b>		
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%

### 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.

<b>System Configuration</b>	
Processor	Intel 7 <sup>th</sup> gen (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