

Plugin Loader Release Notes

Version 1.5

General Release Notes

- If number plate recognition and facial recognition are enabled on H-Series cameras using the "8.60002 H-Series Option LPR_FR" option, the recognized data is transferred to G-Core.
- The integration of Hanwha cameras has been improved in several areas and now operates more reliably.
- Setup and handling have been simplified: resolutions are detected automatically, up to four DSS streams are supported, and PTZ cameras can be controlled more conveniently via area zoom.
- Pelco cameras are now supported.

Type	Module	Description
New Feature	Plugin Loader	The Plugin Loader can detect and map event data from ONVIF-compliant cameras, including the configuration of previously unknown event types.
New Feature	Plugin Loader	The Day/Night mode of H-Series cameras can now be switched manually via the camera plugins.
New Feature	Plugin Loader	A default metadata mapping is now available for H-Series VCA face recognition (including name, group, and likelihood).
New Feature	Plugin Loader	Pelco cameras are now supported; their camera events can be used in G-Core.
New Feature	Plugin Loader	The area zoom feature lets operators move and zoom PTZ cameras more easily.
Improvement	Plugin Loader	Up to 4 resolutions can now be selected for DSS, depending on the camera's capabilities.
Improvement	Plugin Loader	A new LPR action is available for Geutebrück H-Series cameras, using the H-Series firmware's license plate detection and mapping the metadata.
Improvement	Plugin Loader	In the administration interface, the resolutions provided by the camera are now fetched automatically and shown for DSS configuration.
Improvement	Plugin Loader	For all Plugin Loader plugins, the GOP length is now limited to the frame rate (max. 1s GOP).
Improvement	Plugin Loader	The Plugin Loader has been upgraded to .NET 10.
Bugfix	Plugin Loader	Hanwha cameras connected via the Plugin Loader now run without frequent sync loss alarms.
Bugfix	Plugin Loader	Hanwha WiseAI events from the "WiseAI/IvaArea" topic are now mapped correctly — e.g. loitering to the loitering action and intrusion to the intrusion action.
Bugfix	Plugin Loader	RTSP tunneling over HTTPS with the H-Series plugin in the Plugin Loader now works without recording gaps.
Bugfix	Plugin Loader	Camera events and actions from the Hanwha TNP-A6550RW are now received when connected via the Plugin Loader.

Software & Hardware Requirements

The following table shows the recommended minimum requirements for servers and clients of our software.

Due to the wide range of possible applications and use cases, additional factors may have to be taken into account that influence the system requirements.

Should further factors apply to your system, please contact Geutebrück GmbH to validate the requirements of your system.

It should be noted that bug fix versions are included in the respective major version (e.g., 10.2.2 in 10.x).

Network Bandwidth

All listed software requires a minimum Ethernet network bandwidth of 1 Gbit/s.

Depending on system size and use case, higher bandwidth may be necessary.

GPU & Drivers:

We recommend always using the latest available Intel graphics drivers for video rendering, decoding, and encoding tasks.

This applies to our G-Core servers with activated VCA, as well as the client software (G-View, OpCon, and ReCon).

While new GPU drivers generally provide the best performance, they can occasionally introduce unexpected stability issues.

If you encounter any problems with the newest drivers, we strongly recommend falling back to one of the tested versions listed below.

Please note:

We can only guarantee full functionality and system performance when using either the latest Intel drivers or our specified fallback versions:

Intel® 11th – 14th Gen Processor Graphics - 32.0.101.7085

Intel® 7th-10th Gen Processor Graphics - 31.0.101.2141

Addition to the DVSP8 driver:

The DVSP8 driver only works on Windows 10 without Secure Boot. That is because of the Microsoft driver signature.

The signature is limited to Oct. 2030. That means the driver won't work after Oct. 2030 any longer even under Windows 10 w/o Secure Boot.

The DVSP8 driver is no longer contained in the G-Core installer as of version 9.0. For G-Core 9.0 there is a separate DVSP8 installer available.

Further notes:

¹For larger projects, it is essential to analyse the general conditions under which the system is operated on an individual basis.

For projects of this nature, it is recommended that a Windows server OS, a standard SQL server, a server CPU and additional RAM be used.

Should you require further recommendations or specifications, please contact the Pre-Sales team from Geutebrück GmbH directly.

²Only in case BWC (BodyWornCamera Integration) is used on the respective G-Core server.

G-Core

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
G-Core Server							
G-Core 8	8GB	50GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	6.0	2010 for G-Web, 2015-2022	-
G-Core 9	8GB	50GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	8.0 and 6.0 ²	2010 for G-Web, 2015-2022	-
G-Core 9.1	8GB	50GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	10.0 and 6.0 ²	2010 for G-Web, 2015-2022	-
G-Core Client							
G-Core 8	8GB	5GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	x
G-Core 9/9.1	8GB	5GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	x
G-Core Web API							
1.5/1.59/2.0	8GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	3.5 + 4.6.1	6.0	2015-2022	-

G-SIM

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
G-SIM Server¹							
G-SIM 10/11/12	16GB	80GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	-
G-SIM Server with Global							
G-SIM 10/11/12	32GB	100GB	12th Gen Intel Core i7 with 4 Cores (or equivalent/higher)	4.8	-	2015-2022	-
G-SIM Client							
G-SIM 10/11/12	16GB	8GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	6.0 (only if SAML is used)	2015-2022	x
G-SIM Web API							
3.0	16GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	-	6.0	-	-

G-Connect

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
G-Connect							
6.1.1/7.0	4GB	500MB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	4.8	8.0 + Standard 2.0	2015-2022	-

Plugin Loader

	Memory	Free Space	Recom. CPU	MS .Net Framework	MS .Net	VC++ Redist	Windows Media Player Feature
Plugin Loader							
1.0/1.2/1.3	8GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	-	8.0	-	-
1.5	8GB	10GB	12th Gen Intel Core i3 with 4 Cores (or equivalent/higher)	-	10.0	-	-

Microsoft Support

This table provides an overview of Windows versions that have been tested with the major versions of our software listed. We recommend using one of the Windows versions listed here. Should this version no longer be supported by Microsoft, we would suggest using a more recent version that has been tested by us. It should be noted that bug fix versions are included in the respective major version (e.g., 10.2.2 in 10.x).

It is imperative to use graphics drivers that are compatible with the Windows version in use. For more information, please visit the Intel website. Please also note that security vulnerabilities caused by outdated operating systems are not covered by our support.

G-Core

	Windows 10				Windows 11					Windows Server				Microsoft SQL					
	22H2	LTSB 2016	LTSC 2019	LTSC 2021	22H2	23H2	24H2	25H2	LTSC 2024	2016	2019	2022	2025	2014	2016	2017	2019	2022	2025
G-Core Server																			
G-Core 6	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	No
G-Core 7	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No
G-Core 8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No
G-Core 9	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
G-Core Client																			
G-Core 6	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	N.A	N.A	N.A	N.A	N.A	N.A
G-Core 7	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	N.A	N.A	N.A	N.A	N.A	N.A
G-Core 8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	N.A	N.A	N.A	N.A	N.A	N.A
G-Core 9	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	N.A	N.A	N.A	N.A	N.A	N.A

G-SIM

	Windows 10				Windows 11					Windows Server				Microsoft SQL						
	22H2	LTSB 2016	LTSC 2019	LTSC 2021	22H2	23H2	24H2	25H2	LTSC 2024	2016	2019	2022	2025	2014	2016	2017	2019	2022	2025	
G-SIM Server																				
G-SIM 10	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No	
G-SIM 11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	
G-SIM 12	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	
G-SIM Server with Global																				
G-SIM 10	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No	
G-SIM 11	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	
G-SIM 12	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	
G-SIM Client																				
G-SIM 10	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	No	N.A						
G-SIM 11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes							
G-SIM 12	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes							

G-Connect

	Windows 10				Windows 11					Windows Server				Microsoft SQL					
	22H2	LTSB 2016	LTSC 2019	LTSC 2021	22H2	23H2	24H2	25H2	LTSC 2024	2016	2019	2022	2025	2014	2016	2017	2019	2022	2025
G-Connect																			
6.1.1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
V7.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Compatibility Overview

This overview provides a comprehensive view of our current interfaces and their dependencies on other products. Furthermore, it shows the compatibilities between the currently supported G-SIM and G-Core versions. In both cases, it is recommended that you use current product versions with their supported compatibilities as shown. Otherwise, not all features and functionalities could be guaranteed. It should be noted that bug fix versions are included in the respective major version (e.g., 10.2.2 in 10.x).

Further notes:

¹Only with version G-Core 8.3

	G-Core Web API			G-Connect		Plugin Loader				G-SIM				G-SIM Web API
	V1.5	V1.5.9	V2.0	V6.1.1	V7.0	V1.0	V1.2	V1.3	V1.5	10.x	11.x	12.0	12.0.1	V3.0
G-Core														
G-Core 6	No	No	No	Yes	Yes	No	No	No	No	Yes	No	No	No	-
G-Core 7	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	-
G-Core 8	No	No	Yes	Yes	Yes	No	Yes	Yes ¹	No	Yes	Yes	Yes	No	-
G-Core 9	No	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	-
G-Core 9.1	No	No	Yes	Yes	Yes	No	No	No	Yes	No	No	Yes	Yes	-
G-SIM														
G-SIM 10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G-SIM 11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G-SIM 12	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
G-SIM 12.0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
G-Connect														
6.1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	No
7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes