GEUTEBRÜCK

# Video Management Software
## G-Core

G-Core Video Management

Video Management System (VMS) for saving and transmitting video- and audio data of IP-Cameras, as well as encoders in combination with modern compression and image analysis algorithms. GPU accelerated image processing.

The 64-Bit VMS is compatible with 64-Bit Windows operating systems Windows 10, Windows Server 2016 & 2019.

The VMS supports numerous network cameras, encoders and network servers from current brands, whether Megapixel or H.264 (option). The image compression, quality and framerate of live and saved streams are separately programmable and can be switched at any time to allow the best usage of the available memory capacity and transmission bandwidth in the network. Additionally, digital audio sources of connected network cameras can be recorded.

Encrypted data transmission from camera to VMS.

Any number of VMS instances in the network is supported.

Storage of up to 50 half frames/s or 25 full frames/s per channel in CCTV optimized H264CCTV differential image format possible. The parameters for recording and live operation can be set separately (Dual Channel Streaming - DCS). Bitrates can be chosen to be constant or variable (Variable Bit Rate - VBR or Constant Bit Rate - CBR). The distance between two I-frames can be changed too (Variable GOP-Size). Images in M-JPEG or H.264 format of numerous cameras can also be processed.

H264CCTV:
The complete separation of the recording and live channel (DCS) and offers an optimized utilization of the storage and the network bandwidth with all resolutions (max. 4K) and 50 half-images per channel. Live or stored Images can be transferred remotely via LAN/WAN based on the TCP/IP protocol.

The integrated and comprehensive bandwidth management provides a function called Dynamic Live Streaming (DLS) which optimizes the transmission of the image while adjusting their sizes to the needs in the network as per video channel. It works in such way, that the resolution of a camera viewing window on the viewing station determines the resolution, in which the video data are required to be sent by the control application. In case the user turns a viewing window into a full image view, all other camera channels are being suppressed because not needed. This has a strong impact on the performance of the viewing station, because the resolution of the view does not need to be re-scaled.

Intelligent Compression Dynamic (ICD) is used to automatically adapt the image rate and quality to events (movement and noises), in real-time, dynamic and at no latency. To provide a significant documentation of every process, two staggered permanent recording levels are being used even beyond critical event thresholds and that without a permanent storage of redundant stills.

Individual settings of image compression, quality and frame rate for every video input and event-related, for the transmission of recorded and live images (the compression- and image rate can alternate independently of each other). Thus resulting in an optimized exploitation of the available storage and network bandwidth.

Monitoring of image content and synchronous signal for all connected video signals.

Protocol support for all common manufacturers of pan/tilt and dome cameras locally and within the network. The VMS provides the capability to use control keyboards and therefore provides an easy operation of the entire CCTV

system as a digital matrix including joystick capability for dome- and PTZ camera systems. Both systems either can be operated via the local serial interface or via TCP/IP.

The installed automatic backup ensures redundancy and security of the image and data information.

A time-/ event-triggered backup provides the saving of the related event information and images together with particular information such as persons, vehicles, alarm type, events and so on or the saving of alarm-images of particular ring memories. An automatic deletion of target drives can be triggered either depending on the extent to which the drive is full or after a preconfigured period of time. An alarm notification occurs centrally.

The image database and its features:
Unique dual database architecture with separate image and process data storage in proprietary video and standardized SQL database. Tamper proof and verifiably authentic video material for use in court of law and extremely fast and flexible metadata search.

Spoofing-proof recording of video data using a proprietary database structure which is secured through check algorithms. Exported image data are encrypted in such way, that manipulation to image material is virtually impossible and can be proven.

In the VMS, 450 TB are unlocked for the database.

The database can be dynamically extended at any time without any image loss (Dynamic Storage Expansion - DSX).

The Central Action Manager is pre-installed on the system and has the following characteristics:
flexible definition of complex event reactions by using logical links. The logical links can be delay through time-control. The links can be edge-triggered and a lot more. Motion recognition functions in real-time with no impact on the recording or live channel speed.

The viewing and evaluation software can handle live- and recorded video material including synchronized audio. It either can be installed locally or on dedicated computers with Windows 10, Windows 8.1 or Windows 7 (64 Bit). Live- and recorded video data from one media server can be accessed directly using the evaluation software. 10 client accesses to live streams or to the media database of the respective VMS instance are supported in the standard scope. The user interface provides top-level operational safety. Event-/alarm-controlled video data of several audio and video channels can be transferred to one or more receiving computers within the network. The multiple image display can be defined as required (full image, freely scalable and configurable viewer) for the parallel display of live and/or recorded video data from any of the cameras, the design can be switched manually or event triggered. Alarm views, allocated to alarms can be configured individually. Each of these views can be linked to its own audio WAV file being played when it is selected. Several alarms can be displayed simultaneously. There are three different alarm priority levels. For each level per user can be configured as to how the alarm is being displayed (image selection, confirmation dialog, playing a WAV file). If no specific alarm view is defined, the system automatically uses a suitable standard matrix to show all alarm related cameras on the matrix.

User profiles allow to define templates for each user. During logon, the system automatically presents the template individually defined for the user. Time synchronous view/review from several camera channels and even from several NVR servers at the same time are possible from a single user interface (the synchronous-timed replay function is a patent belonging to Geutebrück GmbH). 'Custom Button Templates' are available for an individual and convenient operation of pan/tilt cameras. Mouse controlled operation of pan/tilt cameras directly from a single viewer within the GUI. Views can be split into multiple windows (static zoom) allowing to focus on the most important parts of the views (i.e. station platform monitoring). The Digital Zoom in stored and live images can be easily operated by using a mouse wheel or area selection, particularly interesting for megapixel cameras. The adjustment of the displays brightness, contrast and color is possible without changing the stored data. A text display for each camera and event information in displayed, printed or exported images (localized) can be defined individually.

For long term archiving a simple manual data export of the video- and audio data to common removable data carriers, hard disks or spoofing-proof CD/DVD's (external DVD/ROM drive) in the forgery-proof GEUTEBRÜCK image format (gbf) or MP4 format (authenticated as spoof-proof and therefore useable in a court) can be done. As an alternative, individual images can be exported in the JPEG or BMP format.

The integrated set-up software is the tool for all local system settings, all system settings via the network, for the central administration and diagnosis of all modules in the overall NVR system. The set-up of the video security system can either be done fully manually or via guided install wizards. The system provides three wizards for setting all relevant parameters during the initial operation phase, which can be found on the starting page of the set-up software.
Connection wizard: Helps to set up the required network connections to other NVR systems.
Media channel wizard: Helps to set up all media channel recording parameters by automatically finding IP cameras within the network. Major recording and streaming parameters like size, quality, IP-settings, etc. can be set in a comfortable way.
Event wizard: Allows to easily link events with action, recording and alarm settings. The system provides a comprehensive system protection due to hierarchically structured user levels with individually configurable access control for cameras, events, operation action as well as a 4-eye-password-option. To comply with data protection laws, parts and areas of the video image can be individually defined to be blacked out - hidden from viewing (Client Privacy & Source Privacy). All program menus and the comprehensive online help (provided in HTML5), including animated tutorials showing setup scenarios, are available in several languages.

FLTM:
Fading Long Term Memory (FLTM) reflects the fact that different kinds of events are discovered, handled and investigated in different timescales. Often there is no reason to store recordings at 25 fps for 30+ days if, after the first few days, lower frame rates suffice. FLTM provides a progressive on the flight reduction of frame rates of recordings as time goes by.

SourcePrivacy:
The function allows to permanently delete certain regions of an image. Therefore, the user can mark privacy areas within the image. These areas will neither be recorded nor displayed when the picture material is played back. Hereby several data protection aspects can be fulfilled without compromise.

ClientPrivacy:
This function is used for masking of moving image contents of a single video channel. It is particularly suitable for the reliable adherence of privacy in public surveillance areas. The feature provides a blurry or pixilated display of moving objects in live depicted surveillance scenes or previously stored image data. The masking affects all moving objects in a video surveillance scene, but still permits a general control and the detection of critical situations in the surveillance area. For evidentiary purposes or with certain user rights, relevant and critical monitoring situations can be researched and subsequently reproduced without the appropriate masking.

Transcoding:
Software module, which can be used to change/convert one video compression standard into another - on the fly. With the Transcoding functionality any IP camera, regardless its compression standard - can be integrated in the system converting the codec into the standard needed. Even recorded video data of any type of compression can be converted into other compression standard in real time. The Transcoder can provide output signals which support either Dual Channel Streaming (DCS) and Dynamic Life Streaming (DLS). That's how the individual advantages of compression methods can be utilized, even when having input signals of other compression standards. Transcoding provides the conversion from M-JPEG to H264CCTV.

Cut list:
The cut list provides a comfortable way to create, edit, play and export video cuts from the video data. The cut list contains single entries with start- and end-time, camera list, names and comments. It can contain entries from different instances. An unlimited number of cut lists can be handled by the system.

Open Architecture & SDK:
The open system architecture provides an easy way to integrate third-party systems and system components of any kind at no costs. With the help of open programming interfaces and a comprehensive documentation our Software Development Kit (SDK) allows for a quick and flexible connection to any third-party system.

Certified in accordance the LGC Forensics Standards if the VMS is used in combination with Geutebrück hardware platforms.

Option G-Core/Activation:
Activation of the G-Core Engine on the VMS. After the G-Core Engine has been activated the software upgrade

plan begins for each respective device. Within a timeframe of 1 year, officially released upgrades can be obtained free of charge. When operating the VMS on a Geutebrück hardware device, the timeframe will be extended to 3 years.

Option G-Core/Upgrade:
Extension of the right to receive software upgrades for a further year after the software upgrade plan officially has been ended after the G-Core Engine has been activated.

Option G-Core/ViewConnect:
One additional client access on a particular media server via G-View. Each device is delivered with 10x G-Core/ViewConnect operator access rights for local or remote access.

Option G-Core/CamConnect:
Required for recording one IP. The image recording can be parameterized centrally using set-up wizards and G-Set concerning all important settings. The number of additional IP cameras to be recorded is influenced by the chosen IP camera type combined with its resolution and its frame rate. A maximum of 128 camera connections is possible. Geutebrück cameras are optimally integrated. Further cameras can be operated via the ONVIF interface.

Option G-Core/Instance:
Provision a G-Core instance in virtualized environments on a license dongle. One instance is required per virtual machine. The options contained on the dongle can be distributed arbitrarily among the instances. The use of virtualized environments requires the installation of the virtual SAM on the Virtual Machine(s). The option is used with the articles G-Core VirtualSystem S and G-Core/VirtualSystem.
Physical systems are delivered ex works with a G-Core/Instance.

Option G-Core/CenterConnect:
Required for the connection of one G-Core system with the Central Action Manager. The Central Action Manager is executed on one dedicated G-Core system in the network and provides system wide networking of certain G-Core systems. It distributes standardized information system wide, like alarms, events or process data between all G-Core VMS connected with the Action Center via network.

Option G-Core/GeViConnect:
Required for the connection of one GeViSoft system with the Central Action Manager. The Central Action Manager is executed on one dedicated G-Core system in the network and can interface with an already existing GeViSoft system via network. It distributes standardized information system wide - like alarms or events - between all video security systems from Geutebrück.

Option G-Core/ComConnect:
For the provision of single serial communication interfaces. Amongst others applicable to connect external ATM´s (Automatic Teller Machines e.g. NCR, IBM, SNI) to make serial event controlled recordings. Custom driver software modules can be realized on request.

Option G-Core/ScanConnect:
G-Core option for gathering and processing scan data (barcodes, shipment numbers, etc.) incl. positioning information for event-driven control. The module provides input interfaces for serial scanners via local COM interfaces or via TCP Com-Port Server. Alternatively the data may also be fed in as actions via SDK interface or TCP/IP socket interface. For this purpose the Telnet Action Command Interface (TACI) is used. A registration scan is used to link the data either statically or dynamically with the video images and to generate basic data or actions for recording control. The linkage between the scanner information and the images is done in real time and can be used for research immediately. A filter dialog in G-View accelerates the search for scan data in the list of events. Wildcard search is also supported.

Option G-Core/VAMConnect:
For the control and documentation of vehicle movements at entrances and exits. The Vehicle Access Manager (VAM) allows a workstation-independent editing of master data such as vehicles, companies, drivers and access permissions. The vehicles are included in a sequence list that provides extensive search capabilities. All transactions are recorded in a centralized SQL database and are provided in the form of reports and lists, which can be used for other processes. On request each entry and exit incident can be reviewed and checked on the fly. The user benefits from this in two ways: it increases the standard of security as required by international

regulations covering secure supply chains, and it supports operational processes. This makes the overall management and coordination of visitors and vehicles easier. When a truck or van arrives, images from the full scene and the driver cameras are switched automatically. An easily editable list of access permissions simplifies the access control. You can search according to different filter criteria: such as time periods, registration numbers, customer groups etc. Enhanced rights like time frames, sojourn time, or special instructions for the driver are supporting the logistic procedures at the gateways. For investigation purposes these criteria can be used accordingly. Also entries or exits at the gateways can be traced and displayed separately. A summary table lists all the vehicles currently on the site. Access rights are distributed according to the individual user, i.e. the operator only sees what he needs to see and is allowed to see, for the completion of his daily tasks. To provide the documentation required by the regulations, the system automatically can produce a quick daily report, which can be archived trouble-free.

Option G-Core/IMEX:
Module for event-driven single image export on start, stop, or retrigger events. Delays and intervals are adjustable, event data, such as event name, or scan data can be used to format file path and name, and are thus available for external lookups, e.g. under Windows. The module could be used for documenting the commissioning of any goods: each scanning triggers a single image export with a delay of a few seconds, so that the person who operates the scanner has time to leave the scene. Simultaneously image data or event information can be used for formatting the file path or the files itself. Thus the exported images of the scan are combined with the appropriate barcode information. By entering the barcode information all relevant images can be retrieved from the file system in case they are needed. An interface to other in-house systems can be set up easily by using the known metadata format structure allowing them to access the process images directly. Also web services can use the exported images to embed them in existing websites. Single live or database images can be exported on an event basis. The administrative functions offer to delete images at storage destinations either by quantity or time frame thus avoiding to overfill the available storage space. The images can be stored on local or network destinations.

Option G-Core/TelConnect:
Software option for the provision of a Telnet Action Command Interface (TACI) on a G-Core system from Geutebrück. TACI is an easy to use interface TCP/IP interface to G-Core systems allowing to send and receive all system actions. The commands will be delivered in clear text ASCII format. TACI is provided as a service. One or many client applications can set up a TCP connection and exchange actions via the predefined TCP port. The software option is required once per G-Core system (instance).

Option G-Core/Streamer:
Software option for the provisioning of a G-Core/Streamer function per camera channel. Image data will be transcoded and streamed to a connected decoder or to a http stream receiver (e.g. browser), which requested the stream via a http query. Depending on the available processor load some virtual channels can be realized per system. The service may run on any PC-System in the network due to the client/ server architecture and allows a text insertion into the stream containing event data, camera data or date/time information (multilingual fonts like Cyrillic, Arabic or Chinese are supported). The image source is not restricted and can be any available media channel in the system (analog or digital sources, any resolution). The service is applicable for providing analog video outputs under G-Core or for integrating G-Core systems into Compliant GUIs. Please note: The service may generate high processor loads. Please contact our central support team for a detailed analysis of the project specific requirements.

Option G-Core/SMRP:
Software option for a G-Core based NVR system for the automated recording of monitoring processes in live operation. The function is used for the documentation of alarm situations during surveillance operations. The plugin provides a media channel for each G-Core/SMRP SW option under G-View (G-Core) or under a G-SIM Operator Console (OpCon). It is possible to record security relevant operations from different cameras in live mode (e.g. movements of a suspect in a department store are switched to a Spot Monitor. In case of a crime the system can capture the situation into a dedicated video stream, which can be used in court for evidence purposes). Easy export of picture material by using certain time intervals.

Option G-Core/EdgeRec:
Software option to provide the Edge Recording function on a G-Core system and cameras capable for this purpose with an ONVIF-G interface. In order to compensate temporary connection failures, image data is saved decentralized on a camera-internal SD card. Once the connection is established again, the missing footage is written automatically into the image database as an additional stream in a separate media channel. This allows

nearly uninterrupted recording. In order to enable continuous play-back G-SIM with Failover is necessary. The option is necessary per G-Core system and can be used for all connected IP cameras. G-Core software 2.0.1.X or higher is required. A list with all Compatible cameras can be found in the Web Club.

G-Core/SecondaryChannel:
This option enables the transfer of images from the G-Core system into web-compliant formats. This allows the easy integration of G-Core video streams into external systems based on the HTTP protocol.

G-Core/OnEvent:
This option enables the mutual exchange of alarm messages and control commands between the LENEL OnGuard management system and G-Core. The connection is made via a separate utility called 'G-Core OnEvent Server'. The option is required once per G-Core Central Action Manager. The event messages (consisting of either ACS, Fire, Intercom, Video or Security Events) can be used to monitor and control video recordings, image connections and image searches on G-Core systems. The G-Core OnEvent Server utility processes the information provided by the LENEL system and transmits them to the G-Core Central Action Manager. An unlimited number of networked G-Core systems can be centrally supplied with event information. The complete event processing of the CCTV system can be parameterized centrally and comfortably via the special G-Core OnEvent Setup program. In addition, a simplified form of parameterization is still possible using G-Set. The events received by the LENEL system are converted into corresponding Geutebrück actions and distributed to all G-Core systems in the network using the Central Action Manager. Among other things, the following functions are available:
- Processing of access information (access allowed or denied)
- Processing of area information (person in the area or outside the area)'
-. Processing of access data (card number and cardholder)
- The bidirectional exchange of actions is possible (e.g. opening a door or switching a contact output on the side of the LENEL system).
The software option is required once per G-Core Central Action Manager. It is usable for G-Core Version 2.2.1.76 or higher. A separate installation package is available.

G-Core/OnView:
Option to enable G-Core to connect to the LENEL OnGuard Management System. Any number of instances of networked G-Core systems equipped with this option can be centralized. Based on the OpenVideo SDK specification, the LENEL system takes over the control, presentation and monitoring of G-Core systems. Image and alarm data can be requested as required and displayed via the OnGuard GUI. In addition, information on the connection status and contact states is exchanged. The following information can be exchanged between the OnGuard system and the Geutebrück recording systems:
- Connection status of the respective NVR
- Operational monitoring of all connected channels
- Video sensor alarms
- Status / Control of digital inputs and outputs
- PTZ commands and presets
- Playback of live images and recorded footage (OpenVideoGuide from LENEL)
The software option is required for each connected G-Core based server (per visible channel in OnGuard). It is usable from G-Core Version 2.2.1.76.

Option G-Core/Commend:
The COMMEND interface from Geutebrück connects a COMMEND intercommunication server with a G-Core server. This interface is offered as a G-Core Server Plug-In and connects to TCP/IP. This Plug-In can start actions in the G-Core Server or send commands to the COMMEND Server. The commands to the COMMEND server are compatible to version 7.0. Available from G-Core 3.2.

Option G-Core/DMTRadarClient:
Option to connect a radar system from DMT Radar & Security Systems to G-Core systems using a Windows service. The service calculates the two cameras closest to an object and switches them to G-View or G-SIM. Object data can be stored in the G-Core database to search offline for alarm events. This option is required for each G-Core system. Note: A separate installer is available for this interface.

Option G-Core/RTSP-Channel:
Option to enable the RTSP server on G-Core systems. The module enables the provision of live streams of a G-Core server for RTP/RTSP receivers in the network. The image data of a selected live channel is transmitted to the

network as a unicast stream. It does not matter which compression format the images are in, as they are sent in their original format using the RTSP protocol without first being transcoded. Communication (control, data request, etc.) between the receiver and the transmitter takes place using the RTSP protocol. The RTP/RTSP server is parameterised via a separate setup program. Live image data (live streams) can be requested and displayed without using the SDK interfaces. Using the module, it is possible to stream image data to clients that have appropriate RTSP/RTP client interfaces, such as monitor walls or video analysis services. Each stream retrieved from the RTSP server requires one option.

Option G-Core/XMLConnect:
Option to connect any third-party applications that provides data via XML to a G-Core system. Communication can take place via different interfaces such as file transfer or network. Further possibilities are to be clarified with the SDK department
This option is required per connection.

G-Tect/AD:
The integrated function provides a nearly parameterization free activity detection per video channel on each NVR-System. Several polygonal edged detection fields can be defined for each individual video source. The sensitivity and the direction of moving objects can be set per each detection field. The number of the detection fields is not limited. When an alarm is triggered in a certain detection field, predefined events can be triggered automatically and the information can be passed to further system components in the network. The configuration of G-Tect/AD can be done based on live or recorded images.

Option G-Tect/VMX:
Professional video analysis for one camera channel. Especially suitable for the perimeter protection of critical surveillance zones. The extremely simple and intuitive parameterization allows a quick setup of the video analysis software. Also very complex outdoor surveillance situations can be handled effectively. The algorithms of G-Tect/VMX allows to detect objects and additionally detecting movements inside predefined zones of the scenery in real time. Spatial distortions can be considered while setting up the video analysis. It operates object-oriented and is thus able to recognize, observe and follow objects in an image. It also determines the directional component of the object. Using applied perspectives, it can make conclusions about the size and speed of the object. Systematic occurring distortions are suppressed certainly due to permanent adaptations of the current background model, reducing the false alarm rate to a minimum. G-Tect/VMX has outstanding features for the surveillance of fences, walls, sterile areas and properties. The option also comprises the classical VMD sensor function, which can be used simultaneously with the object-oriented G-Tect/VMX in form of a dual sensor. This guarantees highest detection efficiency while reducing the false alarm rates further. All detected attributes can be used for filtering and evaluation purposes and can be used to directly control activities in combination with the Central Action Manager (Action Gate). The video analysis additionally offers a time based switching between different parameter sets, which also can be selected and controlled via events. A vector display feature (tracking) can be switched on while presenting images via G-View. The configuration of G-Tect/VMX can be done based on live or recorded images.

Option G-Tect/VMD:
Video Motion Detection (VMD) with 3D perspective for one camera channel. Used for professional video motion analysis in any application areas, also for highly critical monitoring tasks outdoors with a simultaneous full recording and streaming speed. Object-Tracking combined with pan / tilt and speed dome cameras. Vector-oriented image analysis with up to 5 different parallel active measurement times from 40 ms to 10 s for a real-time detection of very fast and very slow movements. 128 detection fields can be linked logically in regard to their function, position, size and sensitivity also for the entry of highly complex image contents with precise pixel analysis. Differentiation between local and global image changes, providing reliable suppression of undesired alarms by global disturbances (for example atmospheric conditions, changes in lighting, fog, mast fluctuation and other external influences). The 3D perspective analysis provides a reliable differentiation of moved objects by object size and speed, through which also undesired alarms through small animals are suppressed. Recording and analyzing of direction and speed to differentiate between permissible and non-permissible movements. Definition of as many time and area-dependent operating modes (weekday / bank holiday / date / time etc.) is possible. Presentation of the results in the image analysis interface G-View provides an optional vector depiction. Continuous operation during the configuration, which means that the system remains operational while G-Tect/VMD is set. The configuration of G-Tect/VMD can be done based on live or recorded images.

Option G-Tect/ANPR:
Integrated automatic number plate recognition for one lane. The picture data of the selected channel will be

analyzed regarding the number plate information depending on preselected country code. Number plates of the following countries can be selected per channel: Australia, Austria, Belgium, Bulgaria, Belarus, Switzerland, Czech Republic, Germany, Denmark, Spain, Estonia, Finland, France, Greece, Hungary, Italy, Kazakhstan, Lithuania, Lexembourg, Latvia, Morocco, Netherlands, Norway, New Zealand, Poland, Portugal, Romania, Russian Federation, ex USSR, Slovakia, Slovenia, Sweden, Turkey, Ukraine, Uzbekistan, South Africa, United Kingdom, Iceland, Liechtenstein, Macedonia, Montenegro, Serbia, Bosnia, Herzegovina. Additional countries on request. In case a number plate has been recognized all relevant information will be added to the picture data in form of metadata. This allows a fast, straightforward and reliable evaluation and search for picture data. Any available channel under G-Core can be used for the number plate recognition whereas it does not concern, if the source is analog or digital. Also Megapixel formats like FullHD are supported. Number plate information can be stored under G-Set and can be categorized in a black/white list. For the evaluation of number plate events under G- Core the system provides 2 actions, which can be used with the Central Action Manager for triggering other activities (i.e. opening a barrier via contact or similar). The search for relevant picture data can be accomplished via a specific ANPR search dialog or via the central search mask. Wildcard search (*) and the replacement character (?) are supported by the system.

G-Tect/ANPRmux:
Integrated automatic number plate recognition for max. 4 lanes. The picture data of the selected channels will be analyzed one after another in multiplex mode concerning their number plate information and their preselected country code. Due to the multiplex principle this license is only suitable for non moving traffic. Number plates of the following countries can be selected per channel -> See G-Tect/ANPR. In case a number plate has been recognized all relevant information will be added to the picture data in form of metadata. This allows a fast, straightforward and reliable evaluation or search for picture data. Any available channel under G-Core can be used for the number plate recognition whereas it does not concern, if the source is analog or digital. Also Megapixel formats like FullHD are supported. Number plate information can be stored in the G-Set program and can be categorized in a black/white list. For the evaluation of number plate events under G-Core the system provides 2 actions, which can be used with the Central Action Manager for triggering other activities (i.e. opening a barrier via contact or similar). The search for relevant picture data can be accomplished via a specific ANPR search dialog or via the central search mask. Wildcard search (*) and the replacement character (?) are supported by the system. Please note: Exclusively suitable for non or very slow moving traffic in combination with access bars or toll roads. The maximum number of MUX-channels is restricted to 64. One ANPR Mux license allows to analyze up to 4 media channels.

Turnkey delivery and installation or turnkey assembly And Connection

Type: G-Core Video Management Software
Brand: Geutebrück