SeeTec Software for Video Security

SeeTec 5 LPR Module
Intelligent License Plate Recognition

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The automatic recognition of license plates within the video stream and the matching of detected license plates with a central database enable – among other things – vehicle access control, parking site and loading area management and triggering of alarms in SeeTec 5. Alarm scenarios and recordings can be configured individually and in detail, thus simplifying processes and saving operational costs.

Functionality

The SeeTec license plate recognition (LPR) module is available as an extension for the SeeTec basic application and it is directly managed from the SeeTec user interface. For a visual detection of license plates, you may use all IP cameras installed in your SeeTec environment. Even special analog cameras can be integrated by using video servers. The SeeTec LPR supports a wide range of international license plate formats and also Cyrillic and Arabic fonts on request. All detected license plates are stored in the SeeTec database with the corresponding image. Furthermore, pre-definable attributes can be added to any number plate stored in the database such as company, name of driver or vehicle type.

As you may know from the SeeTec basic application, you can define detailed alarm scenarios for every LPR camera. In addition, all license plates which are stored in the system can be assigned to freely definable groups with particular authorizations. If for example a license plate is known and authorized (e.g. an em-

ployee's car), a bar will be opened and the vehicle will be allowed to pass. If the license plate is not stored in the database, an alarm recording will be triggered and a SIP-based voice connection can be established via an intercom.

In addition to unlimited authorizations, recurring or non-recurring time-based authorization slots („tickets") can be defined. If for example a customer visits the company, a ticket can be created in the SeeTec LPR module which gives him temporary access to the company's parking site. Furthermore, csv-based detection lists can be imported or exported to simplify monitoring of vehicle movements and data exchange with third party systems.

Easy operation and configuration

The security staff can manage many functions of the LPR system directly within the surveillance mode by using the gatekeeper window, e.g.

• Registration of visitors and suppliers with detailed information and assignment to the groups stored in the system

• Assignment of tickets

• Import/export of detection lists

• Email push whenever a particular license plate enters/exits

• Flexible search in the LPR archive

Furthermore, functions for the basic configuration are available in administration mode such as

• Definition of groups/lists

• Definition and configuration of attributes/labels

Various fields of application

The classic field of application for the SeeTec LPR system is the management of access roads and parking sites. But its capabilities go far beyond mere security solutions. Thus, the SeeTec LPR module is used by a car rental agency to document the return time of vehicles outside business hours. The SeeTec LPR module can also be used for marketing purposes by evaluating the shares of countries or regions of origin in the detection list to optimize the geographic targeting of marketing campaigns.

User interface of the SeeTec LPR module

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