Arteco LPR Server

Arteco LPR Server is a software solution installable on a Windows-based server that is designed to enable license plate reading on standard IP cameras and to make traffic analysis, vehicle identification and automation of security and surveillance procedures easier.

SCALABLE

The Arteco LPR Server does not require the presence of specific LPR cameras, it is sufficient to provide good quality video streams,. Arteco LPR Server can also be configured to manage license plate lists and remotely trigger relays, facilitating the automated management of gated communities, parking lots and more, resulting in a cost-effective solution

INTEGRATED

Arteco LPR Server is fully integrated within the Arteco NEXT VEMS, seamlessly syncing with video surveillance devices, access control and numerous additional systems. Arteco LPR Server is also integrated with Arteco Easy Traffic, the Smart City platform that offers useful traffic data in real time, such as detailed statistics, reports on traffic flows and more.

VERTICAL

Arteco LPR Server can be applied in various markets: crime prevention, access control, attendance management and the possibility to integrate with traffic monitoring and parking systems.

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FEATURES

For each channel, Arteco LPR Server offers the following advanced configuration opportunities:

- Area Configuration: possibility to define read/non-read zones to limit false events and inaccuracies

- Remote Control: defining the sending of an http/cgi command to cameras or I/O devices (eg. Arteco Everywhere 2.0) in order to trigger remote relays or manage software or hardware applications

- Access Control: loading and managing a list of license plates

- Events Notification: disabling or enabling the sending of snapshots via FTP and the "Remote Control" function on the basis of 3 variables: all the plates read, only the plates on the list or only the plates not included in the list.

VIDEO REQUIREMENTS	
Number of channels	Up to 8
Resolution	Min CIF, Max 720p
Stream format	MJPEG RTSP
Video compression	Min 85%

FIELDS OF APPLICATION	FPS REQUIRED
High speed roadway – up to 120 km/h	Min 15 FPS
Average speed monitoring - up to 70 km/h	Min 10 FPS
Low speed monitoring – up to 30 km/h	Min 5 FPS

LICENSE PLATE DIMENSION	
Min. height of numbers/letters on the plate	20 pixels
Max tilt	+/- 20°
Max rotation	+/- 3°

SYSTEM REQUIREMENTS	
Processor	Intel i5 or higher
RAM	Min 8 GB
S.O.	Windows 7 or above