

ParkIT® System

ANPR CAMERA, SERVER, APPLICATION
AND GRAPHICAL INTERFACE FOR PARKING AND ACCESS CONTROL



AUTOMATED, EXPANDABLE VEHICLE ACCESS CONTROL SYSTEM FOR END USER APPLICATIONS

ParkIT® System is a complete end user access control and parking management system. It is highly flexible and customizable for any size of application: from small residential to large industrial, commercial or government installations – even for multiple sites. The system components are designed and built together to achieve simple and easy integration with any access control environment and without requiring programming or other specialized skills. ParkIT® System is easy to set up, simple to operate, and it permits separate user access and administration levels for straightforward operation and data management.

Components of the system are comprised of one or more ParkIT® Camera(s), the industry-leading CARMEN® ANPR/LPR engine, ParkIT® Application software, expandable server structure and customizable graphical management and user interface (GMI/GUI) for all levels. The entire secure system is encrypted and accessible through thin client or other (even mobile) IP-based connections.



MAIN BENEFITS

- Fast automated or predetermined vehicle access
- Simple ANPR/LPR-based access permission without key, card or code
- Easy installation, straightforward IP connection
- Uncomplicated graphical management and user interface



TOWARD THE FUTURE IN SAFETY – SINCE 1991

SPECIFICATIONS

ParkIT® System

ParkIT® System possesses unlimited expandability from one to even one thousand access points, and it has customizable management interface for various user levels. The system is also ideal for license plate-based security and surveillance functions with black- and whitelist management and analytical or statistical functions. The graphical management/user interface (GMI / GUI) is available in many languages.

MAIN FUNCTIONS

Basic functionality	Vehicle number plate is read by LPR cameras when car arrives at the checkpoint. Automated gate control. Integrated personal access control (proxy card readers).
Number of checkpoints	Scalable from small 1-2 camera systems to large projects. Multi location support.
Main screen content	Access from any web browser or smartphone. Live camera images can be flexible organized in different sizes. All data of the actual automated entry/exit events are displayed: License plate, car features: color, car type, owner names, companies, card numbers etc.
Permission management	Blacklist / Whitelist Permissions by: persons, vehicles, companies, access cards, tenant groups Flexible time permission zones Integrated personal and vehicle access control
Parking functions	Custom parking zone structure within one location. Multi locations are synchronized. Available parking space count, actual parking car list.
Statistics, search	Reports by: persons, vehicles, companies, access cards, tenant groups, time periods.
User management	User Groups with pre-defined permissions (Admin, installer, guard, supervisor). Custom User group option.
Supported cameras	ARH special access control cameras are shipped with the system. ANPR/LPR and overview cameras are available with IR illumination, color and B&W versions.
Supported plate types	The recognition is country- and character-independent: all Latin, Arabic, Chinese, Korean and Cyrillic characters can be recognized. The applied CARMEN OCR engine is proven worldwide over 20+ years.
Supported languages	The user interface is available in any language (language file required).

TECHNICAL PARAMETERS

Server	The system is shipped with pre-installed industrial server per location.
Integration options	Built in control for most gate, loop, sensor controllers. Open API to integrate with any external systems like pay stations, ticketing machines, parking systems. Export/ import: blacklist, white list, reports, permissions, event lists. Device manager: Documented driver interface to any additional external devices: alarms, lights, signs, sensors ...
Camera options	Check the ARH camera selections for further details.
Gate, barrier control	Direct control available from camera Opto Isolated OUT port.
External hardware trigger	Directly connectivity option to the camera Opto Isolated IN port.
Recommended ANPR camera range	3 m – 12 m (10 feet – 40 feet)

Technical specifications are subject to change without prior notice.



ANPR/LPR



PROCESS



ACCESS



KNOWS THE INS & OUTS OF PARKING

