



PARKIT SYSTEM®

Your 21st century gatekeeper and parking solution – **using the convenience of license plate recognition.**



Imagine a vehicle access control system that works without tickets, tracks all vehicles, puts less workload on your security employees and offers a full control of entry/exit movements – based on license plate data.

All these are put together in our innovative solution called ParkIT System®, a smart parking software that manages access control using ANPR technology. Thanks to its convenient scalability, it is perfect from private access control to large logistics hubs with multiple entry/exit points as well.

All incoming and exiting traffic is tracked, saved and can be controlled based on your pre-defined blacklists/whitelists. Forget tickets and manage the barriers automatically – this system will take the burden of workload and security issues off your shoulder.



PUBLIC CAR PARKS



HOTELS, RESORTS, PUBS



RESIDENTIAL AREAS



COMPANY EMPLOYEE PARKING LOCATIONS



COMMERCIAL LOCATIONS



SHOPPING CENTER TRUCK LOADING AND PARKING AREAS

Main benefits

- Economize on time, costs and human resource – ParkIT System® functions automatically
- Enhanced security and safety
- Easy installation, setup and operation – even with 3rd-party cameras
- Fast, economical and automatic vehicle access control by ANPR/LPR
- Runs reliably 24/7
- Accurate information for search and statistics

Specifications

- web access via thin client technology • Carmen® ANPR engine • multi-lingual GUI with user friendly layout • customizable operator/admin roles and user levels • structured access hierarchy – complex permissions • direct control from the camera
- open API – seamless integration • integrated proxy card support • live system status monitoring • multiple site support • blacklist management • real time information about occupancy • country- and character independent license plate recognition with nationalization • customizable working flow

Main functions

Basic functionality	Vehicle license plate is read by ANPR/LPR cameras when a vehicle 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	Remote access from any web browser or smartphone. Live camera images can be flexibly organized in different sizes. All data of ongoing or recorded entry/exit events are graphically presented.
Permission management	Blacklist / Whitelist management. 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. Multiple locations are synchronized. Available parking space count, actual parking car list. Dedicated parking lot handling.
Statistics, search	Reports with different filter options: persons, vehicles, companies, access cards, tenant groups, time periods.
User management	User groups with predefined permissions (admin, installer, guard, supervisor). Custom User group option.
Supported cameras	The ParkIT System® is compatible with all Adaptive Recognition cameras and 3rd-party cameras that feature http/MJPEG.
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 25 years.
Supported languages	The user interface is available in any language (language file required).

Technical parameters

Server	Since the system is scalable, please contact us for the server specification for your needs.
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 for additional external devices including alarms, lights, signs, sensors etc.
Camera options	If the system is used in extreme climate or weather conditions, consider installing ARH's FreewayCAM cameras, where a robust housing, wide operational temperature range, more LED illuminators and high resolution with a global shutter are clear advantages. Otherwise, ARH's ParkIT cameras will be the perfect choice for your solution. ARH cameras are recommended, however, we provide compatibility with 3rd-party cameras as well.
Gate, barrier control	Direct control available from the cameras' Opto Isolated OUT port.
External hardware trigger	Direct connectivity option to the cameras' Opto Isolated IN port.
Recommended ANPR camera range	3 m – 12 m (10 feet – 40 feet)
3rd party camera compatibility	MJPEG over http stream (multipart MIME format) or JPEG snapshot. Camera compatibility detected automatically by the built in „Generic HTTP/MJPEG Camera“ driver.
System connectivity when 3rd-party cameras are used	Gate controllers and hardware triggers (e.g. inductive loop controller signal, IR-barrier signal and others) will be connected via a MOXA ioLogik E1212 device.

