

# LetUgo

CAMERA BASED VEHICLE ACCESS CONTROL SYSTEM



## AUTOMATED VEHICLE ACCESS CONTROL SYSTEM, BASED ON PARKIT CAMERA

LetUgo is a complete end-user software application for automated vehicle access control operations. The distinctly integrated ParkIT LPR camera, the CARMEN® Parking license plate recognition software and the application is used all together with LetUgo. The ParkIT camera takes a series of pictures of the vehicle and the CARMEN® Parking software reads its license plate. Both the pictures and the read plate number are then given to LetUgo for evaluation. Based on the preset access criteria in LetUgo's database, the software then does or does not open the gate or barrier for the vehicle to pass through. An option of manual gate opening from the controller computer is also available.

### KEY FEATURES

- Automated vehicle entry of cars with registered license plates
- Automatic gate control, directly by the camera (with option to manually open gate from the controller PC)
- Full auditing trail of all vehicles; keeping records of incoming and outgoing times of each vehicle, storing all incoming and exit car images, plate numbers and time stamps, keeping records of traffic and each payment made

### MAIN BENEFITS

- Eliminating the need for car park users to have access cards or codes; centralizing registration
- Accelerating entry/exits to car park areas with fast processing times
- Simplifying registration of all vehicles; guest vehicles may also be entered into system for given time periods



COMPANY  
EMPLOYEE  
PARKING  
LOCATIONS



PUBLIC  
PARKING  
LOTS



HOTELS,  
RESORTS,  
PUBS



RESIDENTIAL  
AREAS



SHOPPING CENTER  
TRUCK LOADING  
AND  
PARKING AREAS



COMMERCIAL  
LOCATIONS



MILITARY  
LOCATIONS

## SPECIFICATIONS

LetUgo

### FUNCTION LIST

Basic functionality	Automated gate control: number plate is read when a vehicle arrives to the checkpoint number plate is evaluated from database blacklist and whitelist management
Parking lot support	The system offers a parking fee calculation when a vehicle leaves the area
Number of checkpoints	Scalable, 1 to 4 cameras can be connected
Supported plate types	Number plate recognition for different countries and character types are supported: all latin, arabic, chinese, cyrillic, korean, thai
User management	Different user privileges can be set: user and group handling
Supported languages	Default interface language: English The software is available at a growing number of languages.
Triggering	When an external device (e.g. loop) detects the arrival of a vehicle, it sends a signal through the camera to the system that executes the entire access control procedure
Permission management	Number plates can be categorized Blacklist and whitelist management Warning is raised upon unauthorized activity
Logging	Every event is archived in a log file Alarm is raised upon error

### TECHNICAL PARAMETERS

Trigger & control	Hardware trigger: can be connected to the camera through its input port (e.g. loop controller) Gate control command: signal can be sent through the output port of the camera
Data export/import	.csv support Blacklists and whitelists can be imported.

### SIMPLE INSTALLATION ARCHITECTURE

Connections	Camera connected to the PC via IP Ethernet connection Gate is controlled directly from the camera output port Any kind of detection sensor can be connected directly to the camera input port (optional)
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### SYSTEM REQUIREMENTS

Operating System	Windows XP SP3 or Windows7
Trigger	Hardware (external) I/O, connected to the camera
PC	Intel P4 2 GHz or better, 1 GB RAM (2 GB recommended for Win7) 30 GB HDD, USB 2.0 port
Video	HD Ready (1366 × 768), or Full HD (1920 × 1080) monitor, minimum 64 MB dedicated video memory
LAN	100 Mbit/sec or better LAN connection Ethernet switch in case of more than one cameras



Technical specifications are subject to change without prior notice.

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