

ARTECO-GATE



- LICENSE PLATE RECOGNITION SYSTEM FOR VIDEO BASED VEHICLE ACCESS
- AVAILABLE FROM 1 TO 8 GATES
- ABILITY TO DETECT LICENSE PLATES AT HIGH SPEEDS OR COMPLETE STOP
- WEB-BASED INTERFACE INCLUDES DATABASE FOR INTELLIGENT MATCHING OF DRIVER AND VEHICLE

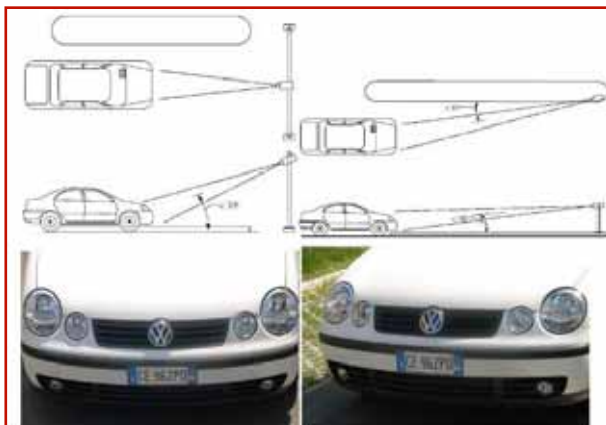


Versatile, easy-to-use and customizable, ARTECO-GATE is the license plate reading system designed to handle from 1-8 vehicle access points from each server.

Multiple servers can be managed simultaneously from one application through the web-client.

The process of plate recognition can be triggered in real-time when the vehicle passes through the designated area or by triggering an I/O connected to ARTECO-GATE.

Active-monitoring mode allows personnel to simultaneously match the file photo of the driver on record with the captured vehicle.



Input/Output modules allow for the integration with third-party devices such as automatic gates, infrared sensors, magnetic loops and alarms.

Searchable inquiries allow users to search database by complete plate number/letter combination or by beginning number or letter. Searches pull up vehicle-identification view, LPR view, and corresponding photo identification of driver registered to vehicle in ARTECO-GATE database.

GATE CHARACTERISTICS

ARTECO-GATE is available in two versions: PRO and EZ
 PRO version does not require any external trigger (I/O device) to capture and read vehicle plates up to speeds of 155 mph.
 EZ version requires the use of an external trigger and a physical barrier in the vehicle lane to begin the capture and reading of vehicle plates.

SOFTWARE CHARACTERISTICS

- Operating System Windows XP Embedded
- High Reliability: 99% (with input trigger)
- High Recognition Speed: less than 0.2 seconds
- OCR activated by motion detection or I/O
- Resolution up to 720 x 576 (PAL) or 720 x 480 (NTSC)
- Active count of vehicles in parking facility (calculated as difference between vehicles entering and leaving)
- Snapshot of driver of vehicle (not required)
- Event log exportable to Microsoft Excel
- Multiple alert notification when vehicles are detected
- Notification via Email, SMS, or audible signal (WAV.) when "black list" vehicle is detected
- Picture-in-Picture mode gives layered view of plate detection and identification image.
- Unlimited number of groups of registered vehicles in database
- Ability to activate external devices based on license plate recognition through Input/Output
- Recognition, display, and storage of the plate with a saved image in the database
- Search for vehicles by character in plate, date, make, model or any other parameter recorded in the database
- Supports JPEG format (3 million images stored in 250 GB HDD)
- Auto-deletion of old images to fill the Hard Drive

HARDWARE CHARACTERISTICS



- Power Supply 220 Vac, 50Hz, absorption 120W
- Operating System 0 + 40 °C, RH max 80% n.c.
- Dimensions: 425mm x 480mm x 170mm LxWxH
- Handles front +30mm
- Weight 16.7 Kg (36.8 lbs)

HOW IT WORKS



INTUITIVE INTERFACE




IDENTIFICATION MATCHING




ROBUST DATABASE MANAGEMENT



ARTECO VISION SYSTEMS

14515 North Outer Forty - Suite 150 - Saint Louis, MO 63017 – USA 
 Phone (314) 434-5331 Fax (866) 462-1323
 www.ArtecoUS.com - info@ArtecoUS.com

ARTECO IVS S.p.A.

Via Gentili, 22 – 48018 Faenza (RA) – Italy 
 Phone +39 0546 645777 - Fax +39 0546 645850
 www.arteco.it - info@arteco.it