



License Plate Recognition for Parking Enforcement and Management



Parking density is skyrocketing and community expectations are growing. But when asked to enforce parking regulations and increase compliance, parking directors are faced with limited resources and accelerating technology changes. This is where Genetec's AutoVu license plate recognition (LPR) solution can help.

Invest in Long-Term Benefits with AutoVu

Genetec's AutoVu has been helping municipalities, universities and parking operators for over 15 years. AutoVu specialized hardware and software are designed and developed in-house by our Genetec engineers, offering you an end-to-end LPR solution for your parking enforcement and management. This single, powerful LPR solution automatically captures and reads thousands of license plates per shift, compares each plate to any existing database in real time, and notifies operators of infractions.

Powerful Back-Office Software – Genetec's Security Center, the back-end software of the AutoVu solution, allows you to centrally manage parking rules and permits lists from your office, and wirelessly and instantaneously synchronize updates to each patrol vehicle. It also offers reporting and data-mining capabilities, such as route playback, occupancy counts, citations statistics and individual officer performance statistics.

User-Friendly In-Vehicle Software – AutoVu Patroller is the intuitive in-vehicle interface, offering easy touch-based interactions to parking officers. With advanced features like GPS-assisted lot selection, in-vehicle mapping and route optimization features, Patroller helps operators optimize their patrol and identify a greater number of infractions.

Highly-Accurate AutoVu Sharp LPR Cameras – Sharp LPR cameras can capture images at high resolutions (up to 1024X946 pixels), enabling a single unit to accurately decipher plate numbers on vehicles parked in parallel, at 45° or 90°. All Sharp units are equipped with integrated illumination, ensuring consistent performance at night and during the day. And thanks to their increased field of view, a single AutoVu LPR camera reads plates on low-riding sports cars and SUVs simultaneously.

Key Benefits

Enhance Enforcement Productivity through automatic identification of parking infractions.

Increase Compliance by identifying permit or time-limit infractions and scofflaws.

Increase Patrol Coverage by checking more parking zones, more frequently per shift.

Increase Customer Satisfaction by offering better management of on-street and off-street parking.

Maximize Your Investment with a flexible system that easily merges with other technologies.



Why AutoVu for Permit and Time-Limit Enforcement?

Flexible Permit Enforcement – Easily add, edit or remove license plates from multiple permit lists, and manage employee access to each list with user rights features. Get real-time sync and enforcement of many permit types, including:

- residential
- university semester
- employee
- short term transient
- shared permits

Patented Digital Tire Chalking – Safely enforce time-limited parking zones in any weather, without needless confrontations. AutoVu automatically identifies vehicles parked in the same space, block face or district for longer than the allotted time, and advises the operator. Our optional wheel imaging feature collects additional evidence that the vehicle has not moved between each drive-by, minimizing overturned violations and disputes.



More Time-Saving Features

Fuzzy Matching – Using AutoVu's fuzzy matching module, you can adjust plate matching parameters to your application, minimizing false hits while ensuring you are detecting valid infractions.

Show Due Prompt – With the press of a button, AutoVu will display areas in which vehicles are likely to be exceeding time limit rules based on recent reads, allowing operators to efficiently plot their routes.

Automatic Scofflaw Detection – AutoVu can also simultaneously detect vehicles with outstanding tickets, warrants or expired license plates and optionally notify local law enforcement silently, further increasing operator efficiency.



Begin Your Move to Pay-by-Plate Parking

AutoVu's Pay-by-Plate Sync feature – AutoVu's Pay-by-Plate Sync feature introduces hassle-free compatibility between leading solutions of permits and citation management systems, parking meters, pay stations, pay by cell solutions, data collection services, and more.

This helps you move towards a pay-by-plate parking management system, eliminates physical permit tags and provides users with immediate access to permits upon issuance. This also gives you the freedom to evolve your system as your needs change.

AutoVu Pay-by-Plate Sync Partners



Complement Your Parking Management Using Fixed LPR

Automate vehicle access control, improve security and collect key business intelligence by mounting LPR units at entry and exit points. Within Security Center, our unified platform, AutoVu can improve vehicle access control and become your first line of defense against potential threats.

Increase Efficiency with LPR-Powered Access Control

AutoVu-powered access control helps lower congestion at peak hours, reduce the risks of collisions between vehicle and gate, and decrease response time to potential threats.

By reading the license plates of vehicles approaching your facilities and comparing them to lists of plates from employees, suppliers and registered visitors, AutoVu can either open the gate or alert security officers when an unknown or unwanted vehicle is detected. Access rules can be adapted based on schedules and vehicle profiles for exceptions like executives or off-hour shift workers.

Augment Safety and Security with LPR

AutoVu Sharp LPR units also include secondary video cameras which can be used as video surveillance cameras within your Security Center system, helping you maximize your investment in security.

Seamlessly combine AutoVu with our industry-leading video surveillance system, Omnicast or integrate LPR with access control, intercom systems, parking gates, traffic lights and other equipment. Then, manage alarms and all security operations through a single unified security platform, Security Center.

Unlock New Business Intelligence and Insights

Even when access to your facilities is unrestricted, you can use AutoVu to provide insights in parking patterns such as peak hours, visitor loyalty and frequency. AutoVu can instantly alert you when VIPs enter your premises, or when unwanted vehicles are detected, allowing you to react rapidly to the situation.



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