



Automatic 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 Security Center AutoVu™ automatic license plate recognition (ALPR) solution can help.

Invest in Long-Term Benefits with AutoVu™

Security Center AutoVu™ has been helping municipalities, universities and parking operators increase enforcement efficiency 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 ALPR solution for your parking enforcement and management. This single, powerful ALPR solution automatically captures and reads thousands of license plates per shift, compares each plate to any existing database in real time, and notifies officers 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 ALPR Cameras – AutoVu™ Sharp ALPR cameras can capture images at high resolutions (up to 1024 × 946 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™ ALPR 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.



Increase Enforcement Efficiency with AutoVu™

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 synch 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.

Automatic Lot and Zone Selection – AutoVu™ seamlessly selects the appropriate permit zone or parking lot based on the patrol vehicle's position.

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



Begin Your Move to Pay-by-Plate Parking

AutoVu Pay-by-Plate Sync feature

AutoVu Pay-by-Plate Sync feature introduces hassle-free compatibility between leading solutions of permits and citation management systems, parking meters, pay stations, mobile payment apps, 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



Strengthen Off-Street Parking Operations with Fixed ALPR

Direct enforcement to parking lots with unenforced violations, automate vehicle access control, improve security and track the evolution of parking enforcement efficiency by mounting ALPR units at the entrances and exits of your parking installations. Within Security Center, our unified platform, AutoVu™ can improve vehicle access control and become your first line of defense against potential threats.

Track Off-Street Parking Violations in Real-Time

Monitor the location of unenforced violations across your parking installations and adapt patrol routes dynamically with AutoVu™ Free-Flow.

AutoVu™ Free-Flow records the license plate of vehicles entering and leaving each parking lot, and compares them to the list of payments received through pay-by-plate-enabled pay stations, mobile parking apps and permit holders. Vehicles extending their stay beyond their purchased parking period are automatically marked as a parking violation awaiting enforcement, and synchronized in real-time with patrol vehicles.

Measure Enforcement Efficiency – Monitor the evolution of key performance indicators, such as violation capture rate, average length of vehicle stay and the distribution of new and returning patrons, and measure the impact of decisions on customer behavior and enforcement efficiency.

Automate Vehicle Gate Control – Reduce congestion at peak hours and risks of collisions between vehicle and gate by automatically granting access to trusted vehicles. AutoVu™ compares license plate read to lists of employees, suppliers and other known vehicles, and opens the gate without operator action. Access rules can be adapted based on schedules and vehicle profiles for exceptions like executives or off-hour shift workers.

Augment Safety and Security – AutoVu™ SharpV ALPR units also include secondary video cameras which can be used as video surveillance units within your Security Center system, helping you maximize your investment. Seamlessly combine AutoVu™ with video surveillance, access control, intercoms and more through a single unified security platform, .



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