

Fixed ALPR Solutions for Safer, Smarter Environments



Purpose-Built Vehicle Recognition Systems from Motorola and MCA

In a world where safety, efficiency, and intelligence are paramount, the ability to instantly recognize and respond to vehicle activity is evolving from a luxury to a necessity. From bustling city intersections to secure campus perimeters, the demand for smarter, faster, and more reliable security solutions has never been greater. For law enforcement, public safety agencies, educational institutions, logistics hubs, and transit systems, the stakes are high: protecting people, property, and operations in environments that are constantly evolving.

This is where fixed ALPR (*Automatic License Plate Recognition*) solutions come in.

These systems are more than just cameras—they are the eyes and intelligence behind safer streets, smarter campuses, and more efficient supply chains. MCA, in partnership with Motorola Solutions, delivers cutting-edge ALPR camera solutions designed to meet the unique challenges of these critical sectors.

With real-time vehicle recognition, automated alerts, and powerful investigative tools, our fixed ALPR systems empower organizations to stay ahead of threats, streamline operations, and make data-driven decisions. Whether you're securing a school, managing a logistics hub, or patrolling city streets, MCA's ALPR solutions provide the insights and integrations you need to create safer, smarter environments.

Featured ALPR Cameras

Motorola's portfolio of fixed ALPR cameras is purpose-built to deliver high-performance vehicle recognition in diverse environments. From high-speed highway corridors to secure campus entrances, these devices integrate seamlessly into the Motorola Safety & Security Ecosystem, enabling centralized management, real-time analytics, and actionable intelligence.



Motorola L5F Fixed LPR Camera

The L5F is a rugged, dual-sensor fixed LPR camera designed for high-speed license plate capture in demanding environments. Ideal for permanent infrastructure, it combines infrared and color image capture to ensure reliable performance day and night, across multiple lanes of traffic and variable lighting conditions.



Motorola L6Q Fixed LPR Camera

The L6Q offers compact, rapid-deploy efficiency without sacrificing accuracy. With radar-assisted vehicle detection, built-in LTE / Wi-Fi / Bluetooth, and battery-powered operation, it's an ideal solution for agencies seeking quick installation and flexible mounting in high-traffic zones, construction areas, or school safety applications.



Motorola L6D Dual-Purpose LPR Camera

The L6D combines multi-lane license plate recognition with high-definition, color situational awareness video, all in one unit. Designed for environments where full context is essential, it uses dual zoom lenses and advanced sensors to deliver complete vehicle analytics, including make, model, color, speed, and direction of travel.



Avigilon L6A Advanced Fixed LPR Camera

The L6A provides exceptional long-range license plate capture with AI-enhanced targeting and simultaneous multi-lane scanning. Built for accuracy, durability, and precision, the L6A is suited for permanent deployments requiring the highest levels of performance in large-scale transit, security, or municipal infrastructure applications.

Supporting Software Platform: *Vigilant VehicleManager*

At the heart of every ALPR deployment is Vigilant VehicleManager, Motorola's unified backend platform that collects, analyzes, and acts on vehicle intelligence. This mission-critical software transforms raw data into actionable insights, enabling agencies to accelerate investigations, enforce policies, and protect access.

Key features include:

- Real-time hotlist matching and alerting
- Detailed audit logs and retention control
- Centralized plate and vehicle analytics dashboard
- Secure CJIS-compliant data architecture
- Seamless integration with CommandCentral Aware, Avigilon Unity, and more



Companion Tools for Enhanced Operations



Vigilant Mobile Companion

Mobile Companion transforms smartphones and tablets into real-time LPR and vehicle intelligence tools. Ideal for field officers and enforcement teams, the app enables quick scans, alert notifications, and vehicle documentation from anywhere, empowering agencies with intelligence on the move.



Vigilant ClientPortal

ClientPortal streamlines plate-based parking enforcement with digital chalking, hotlist alerts, and permit validation. Designed for operational efficiency and revenue recovery, it enables advanced searches, citation integrations, vehicle analytics, and real-time reporting from a secure, cloud-based interface.

Together, these tools create a fully integrated, cloud-connected framework that enhances LPR effectiveness across public safety, parking, and transportation operations—whether in the field, on a patrol vehicle, or behind a desktop.

Applications Across Critical Sectors

Public Safety & Law Enforcement

Fixed ALPR systems empower law enforcement with real-time vehicle recognition to track stolen cars, locate suspects, and automate alerts. They streamline secure facility access by automating gate openings for authorized police vehicles and unify evidence by integrating vehicle data with surveillance footage, enhancing investigative workflows.



Transportation & Transit Agencies

ALPR systems optimize transit operations by automating depot check-ins, gate access, and toll management. They enforce access to restricted zones like bus-only lanes and maintenance yards, while ensuring smooth vehicle flow and compliance at entry and exit points. They also streamline vehicle rental returns and long term parking operations at airports.



Logistics & Supply Chain

ALPR enhances manufacturing and logistics by automating gate access for approved freight vehicles, reducing delays, and securing loading bays. It tracks vehicle movements for compliance, protects distribution hubs, and ensures regulatory standards for cargo transport and safety are met across port environment where multi-factor authentication is required.



Public K-12 Schools and College Campuses

ALPR systems safeguard educational institutions by securing school bus-only lanes, automating access for faculty parking areas, protecting bus yards and depots, and monitoring campus grounds for vehicles on watchlists. They archive vehicle activity for audits and investigations while integrating with surveillance to create a unified safety infrastructure.



The Motorola Solutions Safety & Security Ecosystem

MCA's ALPR deployments are not standalone systems—they are part of a unified security infrastructure that integrates license plate recognition with video surveillance, access control, mass notification, and radio communications. This seamless integration ensures that every piece of data contributes to a safer, smarter environment.

Whether you're protecting a school, city, or supply chain, MCA's fixed ALPR solutions are built for collaboration, automation, and actionable awareness.

Contact Us Today to Learn More

About MCA

MCA is one of America's most trusted technology integrators, delivering world-class voice, data, and security solutions that enhance safety, efficiency, and productivity. With over 65,000 customers nationwide, we act as your trusted advisor, streamlining the research, installation, and maintenance of the right solutions for your operations. Backed by a nationwide team of certified professionals, MCA offers a service-first approach and comprehensive support for every stage of your technology life-cycle.



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