



Brochure

Focus your enforcement

The L5M Mobile license plate recognition camera system

Detect. Analyze. Respond.

The L5M mobile license plate recognition (LPR) camera system is a high-performance solution meant for those who want to maximize detections and data collection to ensure their officers are their safest and most productive while on the road.

With a new, industry-leading image sensor, the L5M provides unprecedented low light performance for accurate license plate and vehicle make and model recognition.

A global shutter ensures clear image capture of license plates moving at higher speeds than ever. And our modernized in-car user experience makes all the tools officers need to stay alert and conduct investigations easily accessible - enabling you to focus your enforcement.

With time at a premium and distractions ever-growing, officer attention needs to be prioritized.



Detect more vehicles you pass

Capture accurate license plate and make and model information on vehicles moving at high speeds and in light and dark conditions.



Shifts don't always occur in perfect lighting conditions. Criminals don't always go the speed limit. That's why the L5M license plate reader leverages dual color and infrared (IR) sensors and lenses with added IR illumination to see more plates.

Additionally, a global shutter provides unprecedented clarity of plates even when they are moving at up to 150 MPH. Combined with AI-powered make and model identification and real-time, ONVIF-compliant video streaming, the L5M enables you to capture more, accurate license plate data than ever - and so much more.



High quality day & night vision

See more plates with color and IR sensors, dedicated lenses and IR illumination.



Make & model identification

Verify make and model with AI that is capable of recognizing almost any vehicle.



Low & high speed image clarity

Clearly scan plates moving up to 150 MPH with no degradation using a global shutter.



Onvif-compliant video streaming

Stream ONVIF compliant video in RTSP output for awareness beyond license plates.



Stay in the know as you drive

Our in-car software keeps you informed at all times with real-time alerts, quick search, system monitoring and distraction-free design.

A hit notification is useless without additional information that can prepare you to respond safely and appropriately. Our CarDetector Mobile in-car software not only gives you audio and visual alerts to a hot listed vehicle detection, but then allows you to seamlessly conduct additional investigation, quickly, to inform your next move. It also gives you full control over your in-car system to ensure it is performing as expected. Lastly, the CarDetector Mobile interface is designed like the rest of your Motorola products for a more efficient, familiar user experience.



Configurable in-car notifications

Configure hit notifications from personal, agency, partner, state and federal hot lists.



System performance monitoring

Verify cameras are working properly and your cloud connection is active at all times.



Search and investigation tools

Conduct searches, explore plate history and even see nearby hits all from your MDT.



Distraction-free user experience

CarDetector Mobile is easy to navigate and includes minimize and day/night modes.



Deploy your cameras your way

Rely on a flexible system that can be built to meet your exact needs of camera options and high-powered processing.

Effective license plate recognition is dependent on deploying a system designed for your desired outcomes. The L5M license plate reader can be configured with different lenses for scan distances of 4 to 85 feet and mounted in a variety of different positions on your vehicle. The accompanying VLP processor provides a powerful hub for up to four cameras, and supports continuous license plate scanning at up to 60 frames per second (FPS). Systems can be activated in a matter of minutes from CarDetector Mobile, with GPS and LTE connectivity.



Broad lens & mounting options

Choose from camera focal lengths of 6mm - 25mm and a variety of available mounts.

x4

Multi-camera & legacy support

Configure up to four cameras per processor with compatibility for legacy cameras.



Powerful, discrete processing

Scan continuously at 60 FPS with robust imaging, computing and memory resources.



Distraction-free user experience

CarDetector Mobile is easy to navigate and includes minimize and day/night modes.





Scan more. Maintain less.

Patrol confidently with a system that is always up-to-date and will work as hard as you do, in rain or shine, wind or snow.

Rain or shine, wind or snow. Inclement conditions are often when you're needed most. That's why the L5M system is IP68 rated and made to withstand even the toughest conditions - from shock and vibration of the bumpiest roads, to rain coming down and dust blown about in the most treacherous winds. Additionally, the L5M was designed for use year-round, in the coldest and hottest environments. Most importantly, not only will your system hardware stay intact, but you'll also always have the best new features with automatic updates that come standard.



Stress tested & vibration-proof

ISO 16750-3 rated for reliable performance through vibrations and bumps on the road.



Hot & cold temperature-ready

Operation in temperatures from -40°F - 140°F, let's you work in all environments.



Highly rain & dust resistant

An IP68 rating helps systems withstand the toughest downpours and dust conditions.



Automatic system updates

Receive system updates automatically to keep your team operating at full potential.



Amplify insight & awareness

Go beyond basic alerts and searches with patented analytics and complete control over your data retention and sharing.

License plate data collection is only the tip of the iceberg. What you do with it is what matters. The L5M, like all of our camera systems, comes with industry-leading software solutions - including our best-in-class VehicleManager. This comprehensive suite provides access to LPR data and tools on mobile devices, in the car, at your desk or from a laptop.

Hot list management & alerting

From Vigilant VehicleManager, build your own hot lists, subscribe to shared lists from the National Crime Information Center (NCIC) and state hot lists as well as share lists with local law enforcement partners. Configure alerts to be received across devices and applications.

- Text & Email Alerts
- Android/iOS Alerts
- Windows Client Alerts



Target Alert Service (TAS)
Windows Client

Mobile Companion
Android/iOS App



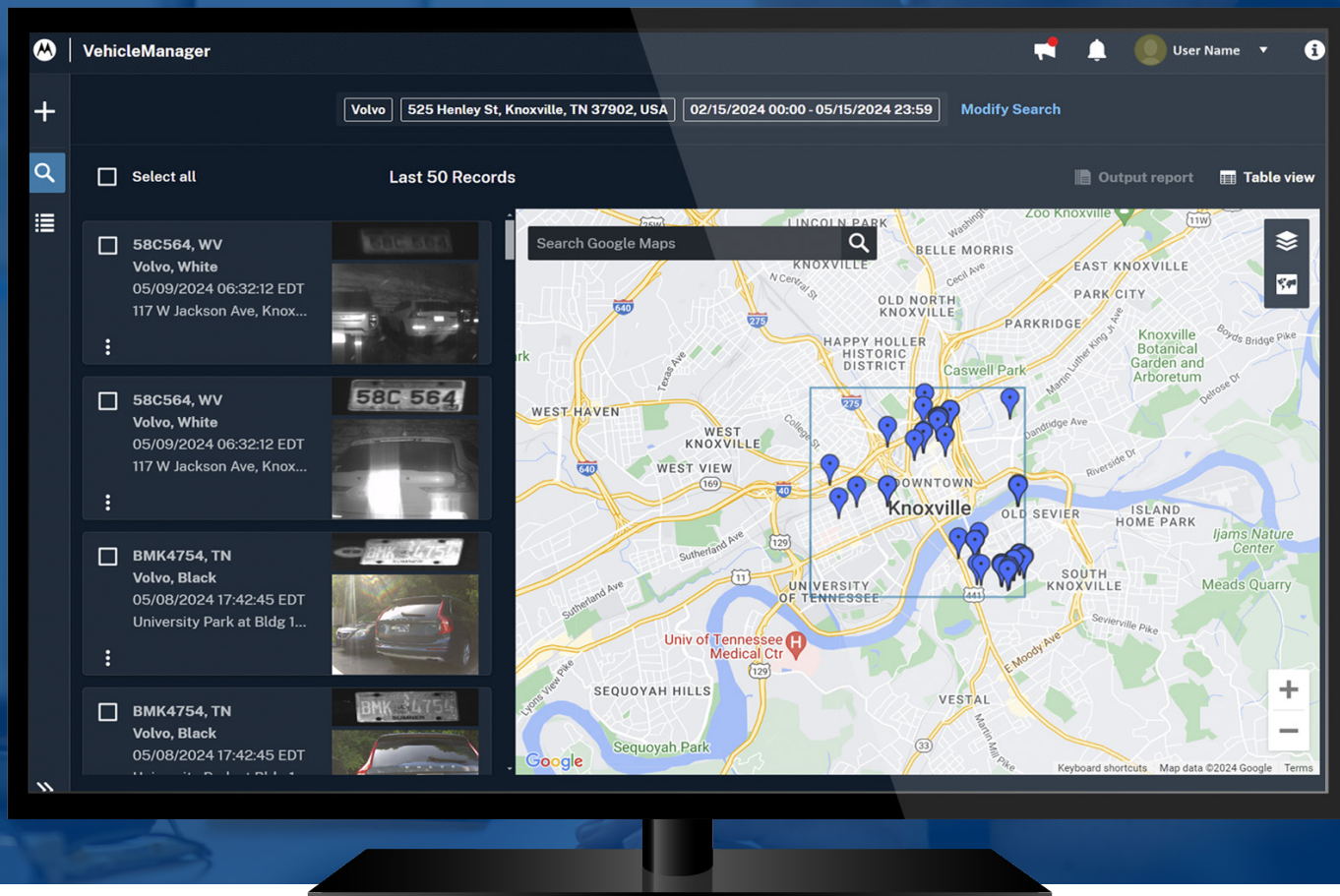


Plate & location-based search

Search by full or partial plate, or location. Filter by year, make, model and more.



Patented vehicle location analytics

Identify associations, predict the location of vehicles and more with patented analytics.



Data management & security

Control data retention, sharing, cameras and overall system security from one place.

Access billions of detections from our commercial partner network to enhance investigations.



Get the most out of your solution

Services that keep your system working so you can maintain focus.

Training & support

Whether it's generating new leads or successfully following up on current ones, our training team is ready to help. Composed of retired and former Law Enforcement personnel, the team brings well over a hundred years of investigative experience to the table along with free training available in-person and online. And, when you need technical support, our certified engineers use the right escalation procedures to bring you a prompt resolution.

Hardware warranty

Maintain efficiency and reliability with a one year manufacturer warranty from ship date, with the option to purchase an additional four years for a total five year warranty.

Procurement options

The L5M camera system can be bought as an outright purchase or as-a-service. With LPR as-a-service, you can bring license plate recognition technology to your patrol vehicles for a low, predictable cost.





To learn more, visit:
www.motorolasolutions.com/L5M



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Availability note (for example: Not available in Canada. Only available in Australia. Available in Europe.)

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