




# FOCUS YOUR ENFORCEMENT.

THE L5M MOBILE LICENSE PLATE  
RECOGNITION CAMERA SYSTEM



**MOTOROLA SOLUTIONS**



**WITH TIME AT A  
PREMIUM AND  
DISTRACTIONS  
EVER-GROWING,  
OFFICER  
ATTENTION  
NEEDS TO BE  
PRIORITIZED.**

# DETECT. ANALYZE. RESPOND.

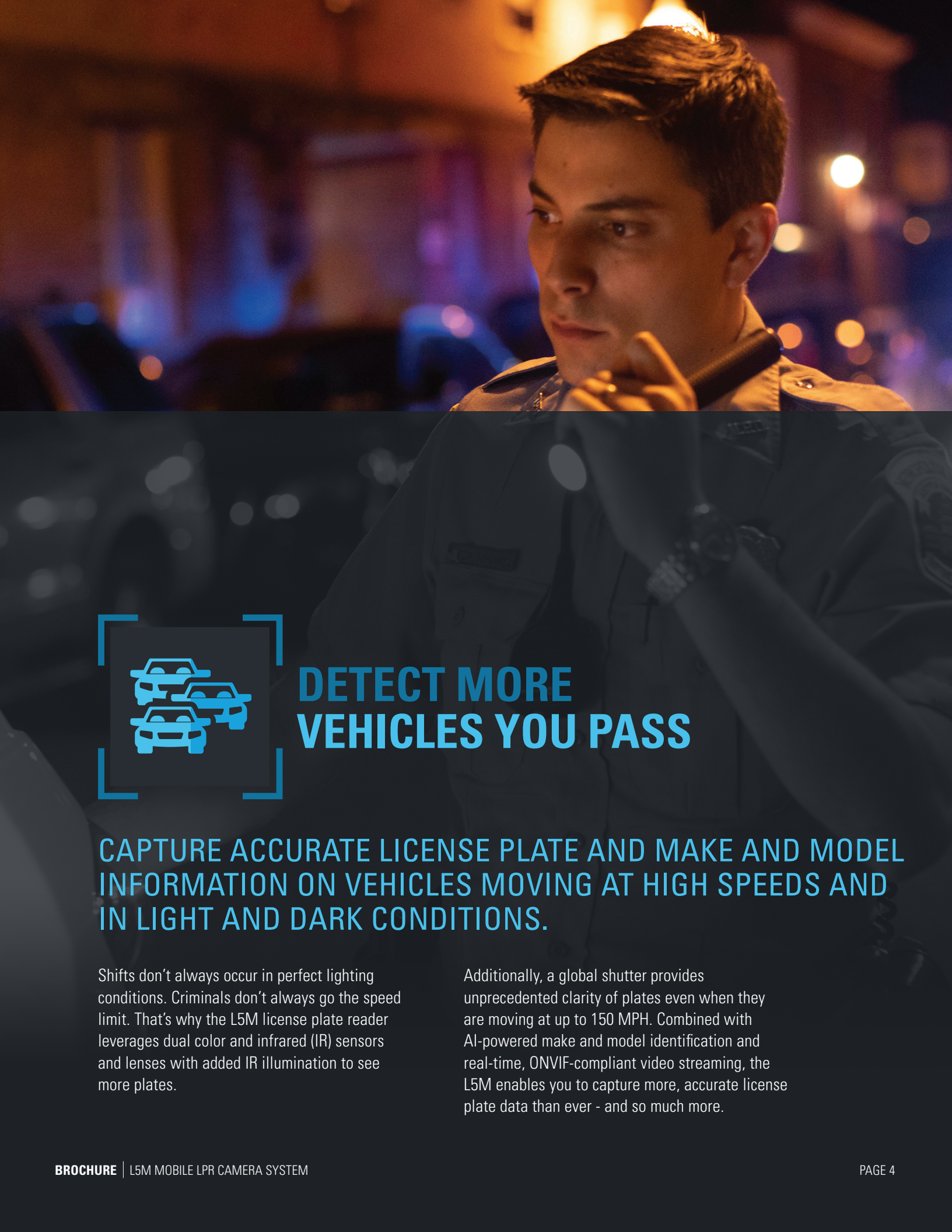


The L5M mobile license plate recognition (LPR) camera system is a high-performance solution meant for those who want to maximize detections and data collection to ensure their officers are their safest and most productive while on the road.

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.





## 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.



**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.

**PRECISE**



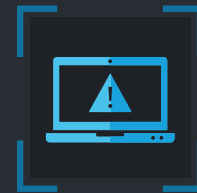


## STAY IN THE KNOW AS YOU DRIVE

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.



# INTUITIVE



## 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.

**CARDETECTOR  
MOBILE KEEPS  
YOU INFORMED  
AT ALL TIMES  
WITH ALERTS  
AND ADVANCED  
SEARCH TOOLS.**





## 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.





**THE L5M CAMERA SYSTEM CAN BE EASILY CONFIGURED FOR A VARIETY OF USE CASES.**



**BROAD LENS & MOUNTING OPTIONS**

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



**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.



**EASY CONNECTIVITY & ACTIVATION**

Quickly set up your system and keep data synced at all times with GPS and LTE connectivity.

**FLEXIBLE**



VLP Processor



## 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.



**THE L5M SYSTEM  
IS IP68 RATED  
AND MADE TO  
WITHSTAND EVEN  
THE TOUGHEST  
CONDITIONS.**



**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.

RELIABLE





## 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 Vigilant VehicleManager. This comprehensive suite provides access to LPR data and tools on mobile devices, in the car, at your desk or from a laptop.

Manage hot lists, configure alerts, conduct detailed searches and run advanced analytics on billions of agency-captured and shared LPR records, to uncover transformative vehicle location intelligence. Best of all, our systems are designed to industry-leading security standards and give you total control of your camera network, data and users to keep your program successful.



⚠

## STOLEN VEHICLE



DATE: 10.01.2019    TIME: 07:56 AM (02:56 PM UTC)

**EXACT MATCH ALERT**



SAVE
DELETE

**DETECTION**

59304H2

**HOTLIST RECORD**

59304H2

✓

CALIFORNIA

**ADDITIONAL HITS AVAILABLE** 3

SUSPENDED DRIVER'S LICENSE	59304H2
STOLEN VEHICLE	8DOH106
290 REGISTRANT	8FCN050

**DETECTION DETAILS**


SYSTEM NAME	Commercial
SCANNED BY	Commercial Data
HOT PLATE	59304H2
ALERT TYPE	290 Registrant
STATE ID	California

MOBILE COMPANION

NICB HIT - STOLEN VEHICLE

DATE: 03-12-2021

TIME: 13:04:56



DETECTION

Action Taken

DUG269

HOT-LIST RECORD

Comment

DUG269

Incorrect

Confirm

DETECTION DETAILS

Done

Mobile Companion 23180.21012913

Protecting Officers, Families and Communities

Target Alert Service (TAS)  
Windows Client

Mobile Companion  
Android/iOS App

## 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

**ACCESS BILLIONS OF DETECTIONS FROM OUR COMMERCIAL PARTNER NETWORK TO ENHANCE INVESTIGATIONS.**



**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.

**Address Details - 1720 N Marshfield Ave # 107, Chicago, IL 60622, USA**

Locator Score: 2  
 Location Type: Residential  
 Sightings: 41  
 Total Sight Visits with LPR: 273  
 % Seen: 13.55%  
 Vehicle Popularity: High  
 First Seen: 07/31/2014  
 Last Seen: 05/15/2019  
 Vehicle Most Seen: Night  
 Last LPR Visit Date: 05/24/2021  
 Phone Number Available at Address:

Plate	Time
V239804	07-31-14 4:42:46 PM
V239804	10-08-14 9:01:25 PM
V239804	11-04-14 11:29:36 PM
V239804	11-30-14 11:57:56 AM
V239804	01-02-15 11:26:30 AM
V239804	07-21-15 10:22:09 PM
V239804	07-27-15 12:30:36 AM

**Locations**  
 Results - 10 Locations  
 Total 58 Detections  
 Activity (check box)

Address	Most Popular Sighting Location
1720 N Marshfield Ave # 107, Chicago, IL 60622, USA	<input type="checkbox"/>
1804 N Sheffield Ave, Chicago, IL 60614, USA	<input type="checkbox"/>
1700 N Ashland Ave, Chicago, IL 60622, USA	<input type="checkbox"/>
2701 Central Rd, North Riverside, IL 60546, USA	<input type="checkbox"/>
1102 N Racine Ave, Chicago, IL 60657, USA	<input type="checkbox"/>



# 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, the Motorola Solutions Vigilant 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.





For more information, please visit

[www.motorolasolutions.com/L5M](http://www.motorolasolutions.com/L5M)

