



**Quote for:**

Galveston County Auto Crimes Task Force

**Attn:**

Ruben Dorrow

**Reference:**

(1) Mobile LPR System

**Quote By:**

Chris Morgan

**Date:**

09-24-24





 <b>MOTOROLA SOLUTIONS</b>		<b>Vigilant Solutions, LLC</b> P.O Box 841001 Dallas, Texas 75202 (P) 925-398-2079 (F) 925-398-2113			
Issued To:	Galveston County Auto Crimes Task Force Attention: Ruben Dorrow			Date:	09-24-24
Project Name:	(1) Mobile LPR System			Quote ID:	CHM-0225-03

## PROJECT QUOTATION

We at Vigilant Solutions, LLC are pleased to quote the following systems for the above referenced project:

Qty	Item #	Description
(1)	Mobile LPR SYS-1 CDM-2-35--L5M	<b>Mobile LPR 2-Camera L5M High-Definition System (Expandable to 4 Cams)</b> <u>Hardware:</u> <ul style="list-style-type: none"> <li>• Qty=1 12mm lens package</li> <li>• Qty=1 25mm lens package</li> <li>• VLP-5200 Processing Unit</li> <li>• Wiring harness w/ ignition control (Direct to Battery) <ul style="list-style-type: none"> <li>◦ Single point power connection</li> </ul> </li> <li>• Field installed GPS antenna</li> </ul> <u>Software:</u> <ul style="list-style-type: none"> <li>• CarDetector Mobile LPR software application for MDC unit <ul style="list-style-type: none"> <li>◦ LPR vehicle license plate scanning / real time alerting</li> <li>◦ Full suite of LPR tools including video tool set</li> </ul> </li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>\$10,000.00</b>

Qty	Item #	Description
(2)	K-PB-HD-SET	<b>Push Bumper Bracket Mounting Kit for LPR Camera</b> <ul style="list-style-type: none"> <li>• Single LPR Camera Mounting Bracket for Push Bar - One per camera</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>\$310.00</b>

Qty	Item #	Description
(1)	SSU-SYS-COM	<b>Vigilant System Start Up &amp; Commissioning of 'In Field' LPR system</b> <ul style="list-style-type: none"> <li>• Vigilant technician to visit customer site</li> <li>• Includes system start up, configuration and commissioning of LPR system</li> <li>• Includes CDM/CDF Training</li> <li>• Applies to mobile (1 System) and fixed (1 Camera) LPR systems</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>\$995.00</b>

Qty	Item #	Description
(1)	VS-SHP-01	<b>Vigilant Shipping Charges - Mobile</b> <ul style="list-style-type: none"> <li>Applies to each Mobile LPR System</li> <li>Shipping Method is FOB Shipping</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>\$130.00</b>

Qty	Item #	Description
(1)	VS-TRVL-01	<b>Vigilant Travel via Client Site Visit</b> <ul style="list-style-type: none"> <li>Vigilant certified technician to visit client site</li> <li>Includes all travel costs for onsite support services</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>\$1,550.00</b>

### Optional Extended Warranty

Qty	Item #	Description
(1)	CDMS24HWW	<b>2-Camera Mobile LPR System - Extended Hardware Warranty - 4 Additional Years</b> <ul style="list-style-type: none"> <li>Full mobile LPR hardware component replacement warranty</li> <li>Applies to 2-Camera hardware system kit</li> <li>Valid for 4 years from standard warranty expiration</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>\$4,200.00</b>

**Quote Notes:**

- This quote will expire on Oct 2nd, 2024
- No installation and/or service included in this proposal unless explicitly stated above.
- MSI's Master Customer Agreement: [https://www.motorolasolutions.com/en\\_us/about/legal.html](https://www.motorolasolutions.com/en_us/about/legal.html) (and all applicable addenda) shall govern the products & services and is incorporated herein by this reference. Any free services provided under this offer are provided AS IS with no express or implied warranty
- This is a replacement system, no additional licensing required.
- Pricing is pursuant to TXDIR Contract Number DIR-TSO-4101.

**Quoted by: Chris Morgan - Regional Sales Manager - 512-755-9006 - [chris.morgan@motorolasolutions.com](mailto:chris.morgan@motorolasolutions.com)**

<b>Total Price</b>	<b>\$17,185.00</b>	(Excludes sales tax) (Including All Adds)
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# MOBILE LICENSE PLATE RECOGNITION: A VISUAL GUIDE

With new solutions entering the market for mobile license plate recognition, we wanted to provide some guidance to help you better understand how they work.

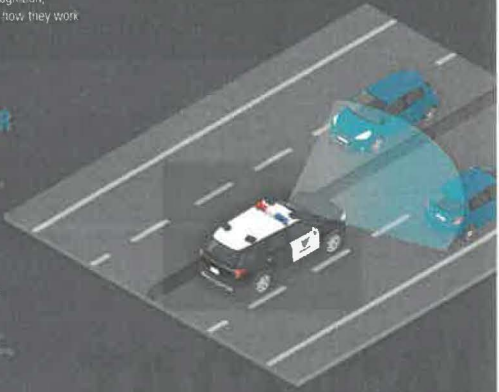


## AI-ENABLED IN-CAR VIDEO SYSTEM

Enable tactical assets and other IP users LPR by enabling license plate scanning with the front-facing camera of the M500 in-car video system.

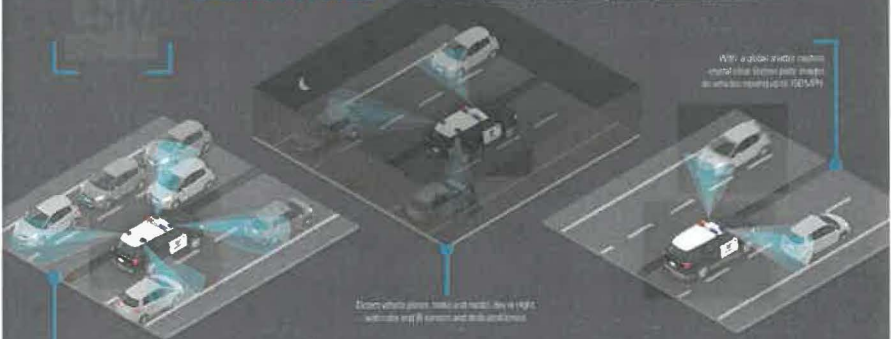
License plate recognition (LPR) is one of the most powerful capabilities available in features available on the M500 that are designed to maximize your return.

When IP assets collect data on the road, the M500 transforms observation into action.



## MOBILE LPR CAMERA SYSTEM

Enhance individual vehicle and regional patrol efficiency by capturing license plate data at scale with the high-performance LPR camera system is purpose-built for LPR. Additionally, capture vehicle and LPR data to increase investigations and generate actionable leads.



Scan in LPR simultaneously across a large territory to track license plate activity.

Scan where patrol, track and report. See in real-time what you're seeing and who's watching.

With a global video system, mobile license plate scans are available across KEMVA.



## LICENSE PLATE RECOGNITION DESIGNED TO MEET YOUR NEEDS

Having choices like the M500 and L5M allows you to build a license plate recognition program that can be tailored to your needs.

Our flexible, scalable and forward-looking video systems are designed to work with cameras made for mobile. And a cloud app and video-based LPR options that utilize our widely deployed, tested and proven OCR algorithm.



And with seamless integration to Verizon's Vehicle Manager, a part of the LEARN platform, you can take advantage of having full control of data retention and sharing. Packed with powerful search and analytics tools, you'll be able to generate more investigations, insight and actionable leads than billions of operators to help solve cases, faster.



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# MOBILE LPR CAMERA SYSTEM

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

Paired with the powerful VLP processor, configure your systems with up to four cameras that will continuously and reliably scan day-in and day-out. Even mix and match our previous-generation cameras within a single system for added flexibility or coverage.

Like all of our license plate recognition camera systems, the L5M seamlessly connects with our suite of software solutions, including Vigilant VehicleManager where data can be further operationalized with patented search capabilities and analytics.





# DRIVES YOU



## DETECT MORE VEHICLES YOU PASS

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



## 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.



## DEPLOY YOUR CAMERAS YOUR WAY

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



## SCAN MORE. MAINTAIN LESS.

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



## AMPLIFY INSIGHT & AWARENESS

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

# L5M LICENSE PLATE READER



## KEY SPECIFICATIONS

### CAMERA

Focal Length	Optimal Capture Distance	Capture Range
6 mm	9 ft	4 - 20 ft
8 mm	14 ft	6 - 27 ft
12 mm	22 ft	10 - 35 ft
16 mm	40 ft	22 - 55 ft
25 mm	70 ft	55 - 85 ft

### OPTICS

Window	Shatterproof window	
Resolution	1440x1080 Monochrome global shutter	1400x1080 Color global shutter
Capture speed maximum	150 mph (241 kph)	
Pulsed LED illumination	Zero lux environments: 850nm	

### VIDEO STREAMING

ONVIF compliant	H.264/H.265, M, JPEG
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### HOUSING

Size	6.9 x 4.5 x 2 in (175 x 114 x 51 mm)
Color	Matte black
Weight	3.5 lbs (1.59 kgs)

### ENVIRONMENTAL

Environmental protection	IP68 / NEMA4 compliant
Operational temperature	-40°F to 140°F (-40°C to 65°C)
Connector	IP68 rated

### ELECTRICAL

Power consumption	12.5W nominal, 25.5W Max
Input voltage	POE+ (IEEE802.3af PD)

### CABLE MANAGEMENT

Cable length	Up to 328 ft (100 m)
Type	Cat6 STP 22-24 AWG
Connector	10 pin circular, all-weather, impact resistant

### CAMERA ACCESSORIES

Part #	Contact your sales representative for camera accessories part numbers
Description	Magnet mounts, lightbar mounts, and make/model specific roof/trunk mounts





# VLP PROCESSOR



## KEY SPECIFICATIONS

### SYSTEM

CPU	Intel Gen8 Core i7-8700T (12M Cache 2.4GHz up to 4.0GHz)
Memory	2 x 8GB DDR4 2400 MHz SO-DIMM
LAN chipset	9 x Intel i210-AT and 1 x i219 iAMT9.5 w/ i5, i7 only Gb/s Ethernet Controllers Onboard Support PXE and WOL

### I/O

Serial port	3 x RS 232/422/485 (Auto Direction Control)
USB port	4 x USB 3.0 Ports
LAN	10 x RJ45 Ports for GbE (Optional for M12 connector and 8 x PoE total Max 120W)
Video port	3 x DP Ports
Wi-Fi adapter	802.11n/g/b
4G LTE / GPS	Sierra Wireless EM7511-Dual Sim Support

### POWER REQUIREMENT

Power input	12V DC
Power protection	Automatic Recovery - Short Circuit Protection
Power management	Remote Ignition connection to toggle power
Power off control	Power off Delay Time Setting by BIOS and Software

### SOFTWARE

Operating System	Ubuntu 18.04 64bit
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### GRAPHICS

Graphics	Intel® UHD Graphics 630
Resolution	Max Resolution (DP): 4096 x 2304 @ 60Hz

### STORAGE

Type	2 x 2.5" Drive Bay for SATA Type HDD/SSD RAID 0, 1, 5 1 x mSATA
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### ENVIRONMENTAL

Operational temperature	-40°F - 158°F (-40°C - 70°C) ambient w/0.5m/s airflow
Storage temperature	-40°F - 176°F (-40°C - 80°C)
Relative humidity	10% RH - 90% RH (non-condensing)
Vibration (random)	EC60068-2-64, random, 2.5G @ 5-500Hz, 1hr/axis with SSD
Vibration operating	MIL-STD-810G, Method 514.6, Procedural, Category 4
Shock	Operating: MIL-STD-810G, Method 516.6, Procedure I, Trucks and semi-trailers-15G (11ms) with SSD
Certifications	CE, FCC Class A, E13

### MECHANICAL

Construction	Polycarbonate
Mounting	Wall-mount
Weight	11.44 lbs (5.19 kgs)
Dimensions	10.24 x 9.84 x 3.74 in (260 x 250 x 95 mm)



# CARDETECTOR MOBILE



## KEY SPECIFICATIONS

### MINIMUM HARDWARE REQUIREMENTS

### RECOMMENDED HARDWARE REQUIREMENTS

#### HARDWARE

Processor	Intel Core i3-8145U @ 2.10GHz (or 3.847+ PassMark Score). NOTE: x86 CPUs only. No ARM CPUs.	Intel Core i7-3632QM Processor (or 6.929+ PassMark Score). NOTE: x86 CPUs only. No ARM CPUs.
Memory	8 GB	16 GB
Hard Drive	256GB+ HDD @ 7200RPM	256GB+ SSD or NVME
Network Adapter	Gigabit USB to Ethernet Adapter. NOTE: Requires USB 3.0 Port	Onboard Gigabit Ethernet Port

#### SOFTWARE

Operating System	Windows 8   64-Bit	Windows 10   64-Bit
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#### NETWORK

Ports Utilized LAN: 2000, 3000, 3310, 4000, 5000 | WAN: 443, 8888





## FOCUS YOUR ENFORCEMENT

## BUILT TO KEEP COMMUNITIES SAFER

To do license plate recognition well, you need the right tools for the job. We provide the most flexibility and options for capturing license plate data with fixed, mobile, trailer and quick-deploy camera systems, video-based integration and even mobile apps. All of these are equipped with our in-house developed, industry-leading LPR algorithm that is relied upon by law enforcement agencies world-wide.

Beyond ensuring you can collect the data you need, our suite of software solutions, including Vigilant VehicleManager, combines robust hot list management and alerting options with patented search and data analytics to equip your team with the insights they need to close more cases, faster.

Our software also keeps you in complete control of your data and systems with group and user-based access control, agency-defined data retention and broad data sharing options with built in memorandum of understanding (MOU) templates for you and your partners.

Lastly, to ensure your program is most successful, your solution is backed by a team who has built our license plate recognition portfolio to be secure and designed for responsible use from the ground up. You also have access to 24/7 support and free in-person and virtual training from our trainers, all of whom were former users and want nothing more than to help you succeed.

For more information, please visit  
[motorolasolutions.com/L5M](https://motorolasolutions.com/L5M)



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](https://motorolasolutions.com)  
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Specifications are subject to change without notice. 10-2022 (LPR4)

## Contract Terms Acknowledgement

This Contract Terms Acknowledgement (this “**Acknowledgement**”) is entered into between **Vigilant Solutions, LLC**, a Delaware corporation (“**Vigilant**”) and the entity set forth in the signature block below (“**Customer**”). Vigilant and Customer will each be referred to herein as a “**Party**” and collectively as the “**Parties**”.

**1. Contract Terms Acknowledgement.** Customer acknowledges that they have received Statements of Work that describe the services provided on this Agreement. Parties acknowledge and agree that the terms of the Master Customer Agreement (“MCA”), including all applicable Addenda, shall apply to the Services set forth in the accompanying Ordering Document. Vigilant's Terms and Conditions, available at [https://www.motorolasolutions.com/en\\_us/about/legal.html](https://www.motorolasolutions.com/en_us/about/legal.html), including the Master Customer Agreement, is incorporated herein by this reference. By signing the signature block below, Customer certifies that it has read and agrees to the provisions set forth in this Acknowledgement and the signatory to this Acknowledgement represents and warrants that he or she has the requisite authority to bind Customer to this Acknowledgement.

**2. Entire Agreement.** This Acknowledgement, including the accompanying Ordering Document, supplements the terms of the MCA, applicable Addenda, and Ordering Documents entered between the Parties and forms a part of the Parties' Agreement.

**3. Disputes; Governing Law.** Sections 12 – Disputes of the MCA is hereby incorporated into this Acknowledgement *mutatis mutandis*.

**4. Execution and Amendments.** This Acknowledgement may be executed in multiple counterparts and will have the same legal force and effect as if the Parties had executed it as a single document. The Parties may sign in writing or by electronic signature. An electronic signature, facsimile copy, or computer image of a signature will be treated, and will have the same effect as an original signature, and will have the same effect, as an original signed copy of this document. This Acknowledgement may be amended or modified only by a written instrument signed by authorized representatives of both Parties.

The Parties hereby enter into this Acknowledgement as of the last signature date below.

Customer: Galveston County

Signature: 

Name: Mark Henry

Title: County Judge

Email: mark.henry@co.galveston.tx.us

Date: October 14, 2024



**Standard LPR Hosting Services w/ LPR, Fees and Payment Provision**

I License Key: The Camera License Key (CLK) means an electronic license key that will permit the use of MSI’s LPR software to be used with standard MSI issued LPR cameras (one CLK per LPR camera) and select MSI Software Products.

II Offer Services: This Offer includes the following Software Services / Software Products:

- LPR Software Services / Software Products:
  - Basic Service:
    - MSI Managed/Hosted LPR Account
    - CarDetector LPR Software w/ all updates
  - Standard Service:
    - Mobile Hit Hunter (for CarDetector Mobile LPR Software)
    - Unlimited Mobile Companion (for Android or iPhone) Single Plate Scan
- Optional Parking Services:
  - Parking Toolkit (software application)
  - Parking Integration (3<sup>rd</sup> party system integration)
  - Scofflaw Alerting Service

III Annual Service Fees (CLKs): The Service Fees applicable to each Annual Service Period shall be as follows:

<b>Annual Service Fee per CLK</b>				
Total CLKs under this Offer	0-14 CLKs	15-30 CLKs	31-60 CLKs	Over 60 CLKs
Vigilant Basic LPR Service	525.00	450.00	400.00	275.00
Vigilant Standard LPR Service	750.00	640.00	565.00	390.00

Optional Parking Services: Software and/or data services related to Parking specific application and use:

<b>Annual Parking Services Fee Schedule</b>	
Parking Enforcement System Toolkit	\$1,000.00
Parking Integration Service	\$1,000.00
Scofflaw Alerting Service	\$25,000.00

*Area intentionally left blank*



**MOTOROLA SOLUTIONS**

IN WITNESS WHEREOF, the undersigned has agreed to this rate sheet as of the Signature Date.

Company Name: Galveston County

Signer's Name: Mark Henry

Signer's Email: mark.henry@co.galveston.tx.us

Signature Date: October 14, 2024

Signature: 

**From:** [Doolittle, Gina](#)  
**To:** [Van Horn, Veronica](#); [Martinez, Dianna](#)  
**Subject:** Help with my agenda items for Flock and Vigilant Contracts  
**Date:** Tuesday, October 8, 2024 9:28:40 AM  
**Attachments:** [Action Required TX - Galveston County SO - .pdf](#)

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**From:** Barrow, Ruben <[Ruben.Barrow@co.galveston.tx.us](mailto:Ruben.Barrow@co.galveston.tx.us)>  
**Sent:** Monday, October 7, 2024 12:05 PM  
**To:** Doolittle, Gina <[Gina.Doolittle@co.galveston.tx.us](mailto:Gina.Doolittle@co.galveston.tx.us)>  
**Subject:** Fw: LPR systems Flock and Vigilant Contracts

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**From:** Chris Morgan <[chris.morgan@motorolasolutions.com](mailto:chris.morgan@motorolasolutions.com)>  
**Sent:** Monday, October 7, 2024 11:12:15 AM  
**To:** Barrow, Ruben <[Ruben.Barrow@co.galveston.tx.us](mailto:Ruben.Barrow@co.galveston.tx.us)>  
**Subject:** Re: LPR systems Flock and Vigilant Contracts

The quotes all got the Oct 2nd expiration date as we are moving to the MSI system for LPR.

Bad news: We are going to have to wait till the 14th to get this processed. Motorola is rolling the Vigilant quoting system into theirs. We can't make any changes to the quotes and will have to requote this in the MSI system when it goes live on the 14th.

Will that be acceptable? If so, I will send you the revised quote then, **pricing will be the same**. I am so sorry about this.

Thanks,

**Chris Morgan**

Regional Sales Manager  
Mobile Video Solutions  
South East Texas

Lt., Long Beach Police Department, Ret.  
LPR SME

**M.** [512-755-9006](tel:512-755-9006)

**E.** [chris.morgan@motorolasolutions.com](mailto:chris.morgan@motorolasolutions.com)