L5M MOBILE LPR CAMERA SYSTEM
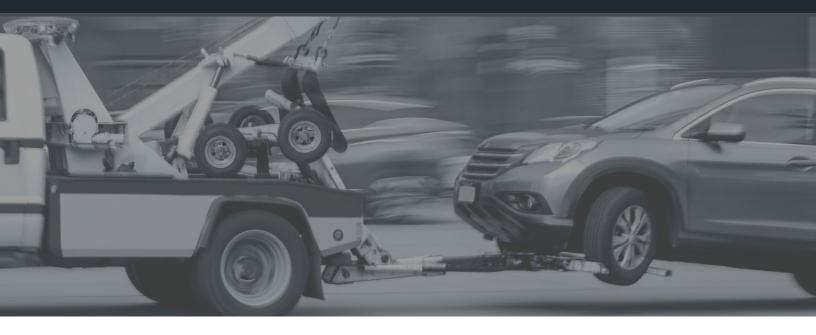
DETECT.
ASSIGN.
COLLECT.

With vehicles out for repossession, you need to be the most efficient to make the most money. 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 agents are most productive while on the road and generating revenue.

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 agents need 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.

FIND MORE ASSIGNMENTS

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.

FIT CAMERAS TO ANY VEHICLES

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

SCAN MORE. MAINTAIN LESS.

Scan 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.

L5M Licence Plate Reader

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	1440x1080 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

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	-40ºF to 140ºF (-40ºC to 65ºC)
Connector	IP68 rated

ELECTRICAL

Power consumption	12.95W nominal
Input voltage	POE (IEEE802.3 af 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

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

GRAPHICS	
Graphics Intel	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

ENVIRONMENTAL	
Operating Temp.	-40°F ~ 158°F (-40°C ~ 70°C), ambient w/0.6m/s airflow
Storage Temp.	-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 or pole mount	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

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	Gigaibt USB to Ethernet Adapter. NOTE: Requires USB 3.0 Port	Onboard Gigabit Ethernet Port

SOFTWARE		
Operating System	Windows 8.1 64-Bit	Windows 10 64-Bit

NETWORK	
Parts Utilized	ILAN: 2000, 3000, 3310, 4000, 5000	WAN: 443, 8888

Ready to find out how we can work for you?