L5F FIXED LPR CAMERA SYSTEM

SEE FARTHER. SEE CLEARER. SCAN MORE.

Missed scans mean unsolved cases and unrecognized revenue. The L5F Fixed License Plate Recognition Camera System captures clearer images at greater distances on your high-speed, high-volume roadways. Paired with Vigilant PlateSearch or Vigilant ClientPortal, this solution enables you to receive real-time alerts, conduct comprehensive searches and leverage advanced analytics and parking tools to uncover new vehicle location insights that protect communities and generate revenue.

KEY BENEFITS

Scan More Than Before
Capture your clearest plate detections yet, at greater distance, on your most high-volume, high-speed roadways.

Rely On Better Basics
Beyond ensuring you've captured the best data, we make management, alerting and searching straight-forward.

Do More With More Data
Use patented analytics, specialized tools as well as easier data sharing and access to derive new intelligent insights.

MOTOROLA *SOLUTIONS*

L5F FIXED LPR CAMERA

The L5F Camera features a new state-of-the-art sensor that allows it to capture clearer images at greater distances on your high-speed, high-volume roadways.

CAMERA PERFORMANCE		
Part Number	**Optimal Focal Length**	**Capture Range**
VSR-5x-908	14 ft	6-27 ft
VSR-5x-916	40 ft	25-55 ft
VSR-5x-925	70 ft	55-85 ft
VSR-5x-935	95 ft	85-105 ft
VSR-5x-950	115 ft	105-125 ft

OPTICS		
Window	Shatterproof window	
Resolution	1440x1080 Monochrome global shutter	1440x1080 Color global shutter
Capture speed maximum	150 mph (241 kph)	

ILLUMINATION	
Pulsed LED illumination	Zero lux environments *850nm and 750nm options

VIDEO STREAMING	
ONVIF compliant	H.264/H.265, M JPEG

HOUSING	
Size	6.9 x 6.5 x 2 in / 175 x 165 x 51 mm
Fixed mounting	3-axis (aim precision) lock in place, low profile, solid mount, and sun shield
Color	Matte black
Weight	3.5 lbs

ENVIRONMENTAL	
Environmental protection	IP67 / NEMA4 compliant
Operational temperature	-40°F to 140°F (-40°C to 65°C)
Connector	IP67 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 #	VS-UNI-POLE-MNT
Description	Single Fixed Camera Mount/Bracket

VLP COMMUNICATIONS BOX

The VLP Comms Box combines processing and power in a durable, ruggedized enclosure that is equipped with an all-in-one built-in processor with GPS and PoE for up to four cameras.

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	120V AC
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® UHD Graphics 630
Resolution	Max Resolution (DP) : 4096x2304@60Hz

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

ENVIRONMENTAL	
Operating Temp.	-40ºC ~ 70ºC, ambient w/ 0.6m/s airflow
Storage Temp.	-40ºC ~ 80ºC
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
Weight	5190g
Dimensions	260(L) x 250(W) x 95(H) mm

For more information,
visit motorolasolutions.com/contactus

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