

## 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 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 FEATURES

#### 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.



# 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<br>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 | 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.     | -40°C ~ 70°C, ambient w/ 0.6m/s airflow  |
| Storage Temp.       | -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 or pole mount         |
| Weight                      | 5190g                      |
| Dimensions                  | 260(L) x 250(W) x 95(H) mm |





Ready to find out how we can work for you?

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