Build a license plate recognition (LPR) system you can count on with the Vigilant ReaperHD™. Deployed in our mobile system, it can provide an added layer of awareness by alerting users to hot listed vehicles they pass on the road. Within our fixed system, the Vigilant ReaperHD can be positioned to watch for trends or specific types of offenses in key areas of concern. High definition, low profile and compact, our Vigilant ReaperHD LPR camera is designed to capture nearly 60 license plate scans per camera per second for analysis, even in the most extreme environment.

**KEY FEATURES**

- Effective color and infrared license capture at speeds up to 150 mph (241 kph)
- High speed image processing – up to 60 images per second (color and infrared)
- High definition, low-profile, compact, dual-lens (color and infrared)
- Enhanced night overview images
- Outdoor rated, IP67, NEMA4
- Single cable power-over-Ethernet installation
- Full-featured and well-documented API
# CAMERA SPECIFICATIONS

## CAMERA PERFORMANCE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Optimal Focal Length</th>
<th>Capture Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSR-42-925</td>
<td>75 ft / 22.9 m</td>
<td>55-85 ft / 16.8-24.2 m</td>
</tr>
<tr>
<td>VSR-42-916</td>
<td>34 ft / 10.4 m</td>
<td>20-55 ft / 6.1-16.8 m</td>
</tr>
<tr>
<td>VSR-42-912</td>
<td>24 ft / 7.3 m</td>
<td>3-48 ft / 1.0-14.6 m</td>
</tr>
<tr>
<td>VSR-42-908</td>
<td>16 ft / 4.9 m</td>
<td>8-36 ft / 2.4-11.0 m</td>
</tr>
<tr>
<td>VSR-42-906</td>
<td>12 ft / 3.7 m</td>
<td>6-24 ft / 1.8-7.3 m</td>
</tr>
</tbody>
</table>

## OPTICS

- **Window**: Shatterproof window
- **Resolution**: 1.51 - 2 MP
- **Capture speed maximum**: 150 mph (241 kph)

## HOUSING

- **Size**: W 6.9 / L 3.9 / H 2 in (W 175 / L 98.5 / H 52 mm)
- **Fixed mounting**: 3-axis (aim precision) lock in place, low profile, solid mount, and sun shield
- **Color**: Matte black
- **Weight**: 2.2 lbs / 1 kg

## ENVIRONMENTAL

- **Environmental protection**: IP67 / NEMA4 compliant
- **Operational temperature**: -40°F to 140°F (-40°C to 65°C)
- **Connector**: IP67 rated RJ45 female

## ELECTRICAL

- **Power consumption**: 15W nominal, 25W max
- **Input voltage**: POE+ (IEEE802.3 at PD)

## CABLE MANAGEMENT

- **Cable length**: Up to 328 ft (100 m)
- **Type**: Cat6 STP 22-24 AWG
- **Connector**: IP67 RJ45 male connector (camera end); RJ45 male (injector end)

For more information, visit www.vigilantsolutions.com/contact