



## MAINLINE LICENSE PLATE READER\*

When drivers are on the move, real-time, automated intelligence is required to accelerate throughput, support informed decision making, enforce compliance, and ensure safety is maximized.

The Perceptics Mainline License Plate Reader (LPR) is a high resolution imager designed to capture commercial vehicle license plate numbers with high accuracy. When you integrate the Perceptics Mainline LPR with our Mainline USDOT readers, you can check against multiple databases and screen larger populations of commercial vehicles on the mainline. Greater efficiency is also achieved with the high speed, high performance functionality of the Perceptics LPR, allowing your officers to better focus on inspecting vehicles flagged with potential violations, and allowing vehicles in compliance to continue moving.

- Ultra-high resolution imaging
- Fast image processing to ensure minimal latency from time of image capture to when data is reported
- Captures state, province, or country of origin with high accuracy; day, night, and in all typical weather conditions
- Perfect for Presorting on the mainline - reads all plate types and fonts on vehicles traveling up to 120 mph
- Convenient Web interface for remote status and configuration
- No missed reads - locates commercial plate data across a 15' field of view
- Scalable architecture and proven integration with WIM and E-Screening Software Systems
- Guaranteed accuracy†  
†Certain Terms & Conditions Apply



DESIGNED, ENGINEERED  
AND ASSEMBLED  
IN THE USA

<p>Components</p>	<p>Each LPR system includes:</p> <ul style="list-style-type: none"> <li>▫ Ultra High Resolution Imager</li> <li>▫ 5MP Camera with Site Specific Lens</li> <li>▫ Advanced Video Processor (AVP) OCR Engine</li> <li>▫ Baffled Stroboscopic Illuminator</li> </ul>
<p>High Resolution Plate imaging</p>	<ul style="list-style-type: none"> <li>▫ Ultra high detail monochrome imaging (day and night)</li> <li>▫ 5 MP resolution (2,576 horizontal pixels for 140 pixels per plate width)</li> <li>▫ Field of view: 10.5' - 21.5' configurable by lens selection for specific lane geometries</li> <li>▫ Operating range (distance to lane center, based upon lens option selected)             <ul style="list-style-type: none"> <li>▪ Minimum = 12', Maximum = 75'</li> </ul> </li> <li>▫ Full images (compressed and uncompressed); plate patch images also available</li> <li>▫ High quality images for better accuracy and human readability</li> </ul>
<p>Image Processing and Storage</p>	<p>Powerful Advanced Video Processor (AVP) OCR engine</p> <ul style="list-style-type: none"> <li>▫ Automatically reads plate number and state, province, or country of origin</li> <li>▫ Reads multiple font types</li> <li>▫ Image files and image watermark/date stamp configurable to your needs</li> <li>▫ Optional temporary local data storage for power outages and loss of communication</li> <li>▫ Convenient Web interface for remote status and configuration</li> </ul>
<p>Physical Characteristics</p>	<p>Imager Dimensions: 8.4"W x 7"H x 12.0"D (213mm x 178mm x 305mm)            Imager Weight: 11.5 lbs (5.2 kg)            Baffled Illuminator Dimensions: 10.3"W x 9.1"H x 25.1"D (262mm x 231mm x 638mm)            Baffled Illuminator Weight: 30.05 lbs (13.6 kg)            Enclosure Material: Powder-coated Aluminum</p>
<p>Operating Conditions</p>	<p>Operating Temp: -40°F to 158°F (-40°C to 70°C)            Humidity: 10%~90% (non-condensing)            Protection Rating: IP65 Imager, IP54 Illuminator</p>
<p>Options (not included)</p>	<p>Post mounting kits, cables, and junction boxes</p>
<p>Requirements</p>	<p>External trigger sensor (such as inductive loops or laser sensors)</p>

Perceptics customers are advised to obtain the latest version of device specifications before relying on any published information and before placing orders for products or services. For more information contact a Perceptics representative at +1 800 448 8544 or visit our website at [www.perceptics.com](http://www.perceptics.com).