



WEIGH STATION LICENSE PLATE READER*

Automated data capture supports informed decision making and speeds safety inspections to help enforce compliance and ensure safety is maximized.

The Perceptics Weigh Station License Plate Reader (LPR) is a high resolution imager designed to capture license plate data with high accuracy. The Perceptics Weigh Station LPR easily integrates with state or federal databases to enhance your overall commercial vehicle intelligence. Our high performance imaging and data quality allows officers to check against multiple databases and screen larger populations of trucks to more quickly identify compliance violations and expedite inspections confidently.

- ❑ Fast image processing to ensure minimal latency from time of image capture to when data is reported
- ❑ Identifies state, province, or country of origin with high accuracy; day, night, and in all typical weather conditions
- ❑ Baffled Illumination to minimize driver distraction
- ❑ Convenient Web interface for remote status and configuration
- ❑ Up to a 15' field of view to capture more commercial vehicle license plates
- ❑ 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

Components	<p>Each LPR system includes:</p> <ul style="list-style-type: none"> ▫ Ultra High Resolution Imager ▫ 5MP Camera with Site Specific Lens ▫ Advanced Video Processor (AVP) OCR Engine ▫ Baffled Stroboscopic Illuminator
High Resolution Plate imaging	<ul style="list-style-type: none"> ▫ Ultra high detail monochrome imaging (day and night) ▫ 5 MP resolution (2,576 horizontal pixels for 140 pixels per plate width) ▫ Field of view: 10.5' - 21.5' configurable by lens selection for specific lane geometries ▫ Operating range (distance to lane center, based upon lens option selected) <ul style="list-style-type: none"> ▪ Minimum = 12', Maximum = 75' ▫ Full images (compressed and uncompressed); plate patch images also available ▫ High quality images for better accuracy and human readability
Image Processing and Storage	<p>Powerful Advanced Video Processor (AVP) OCR engine</p> <ul style="list-style-type: none"> ▫ Automatically reads plate number and identifies the state, province, or country of origin ▫ Reads multiple font types ▫ Image files and image watermark/date stamp configurable to your needs ▫ Optional temporary local data storage for power outages and loss of communication ▫ Convenient Web interface for remote status and configuration
Physical Characteristics	<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>
Operating Conditions	<p>Operating Temp: -40°F to 158°F (-40°C to +70°C) Humidity: 10%~90% (non-condensing) Protection Rating: IP65</p>
Options (not included)	<p>Post mounting kits, cables, and junction boxes</p>
Requirements	<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.