enVision Portal

enVision
OCR and Imaging Portal

High-performance OCR with Advanced Image Analytics

Operating Power
- Control: 120V AC @ 45A (3 circuits)
- LED Lighting: 240V AC @ 30A (1 circuit)

Connectivity
- Portal to Server: Single mode fiber @ 10Gbps
- Network: 1Gbps Ethernet

Dimensions
- Pipe Structure: 22.33' (w) x 20' (h) x 36" (d)
- Truss Structure: 25.75' (w) x 20.75' (h) x 36" (d)
- Add 8.5' to depth for rear camera
- Add 34' to depth for TIP option

Wind Load
- Pipe Structure: 130 MPH
- Truss Structure: 100 MPH

Foundation
- Pipe Structure: Caisson 24" dia. x 96" (d)
- Truss Structure: 36"

Operating Temperature
- 50° C/122° F (ambient)
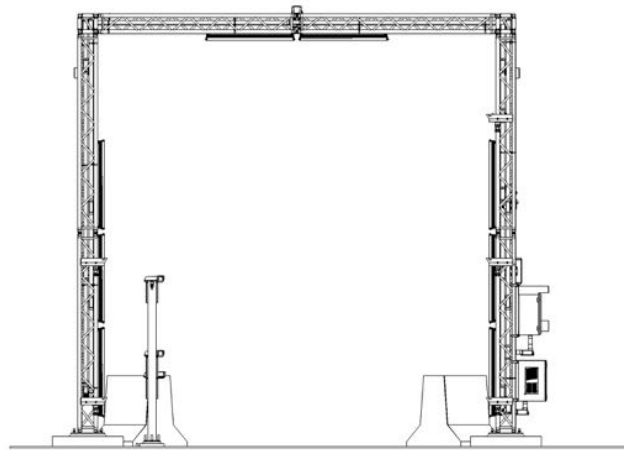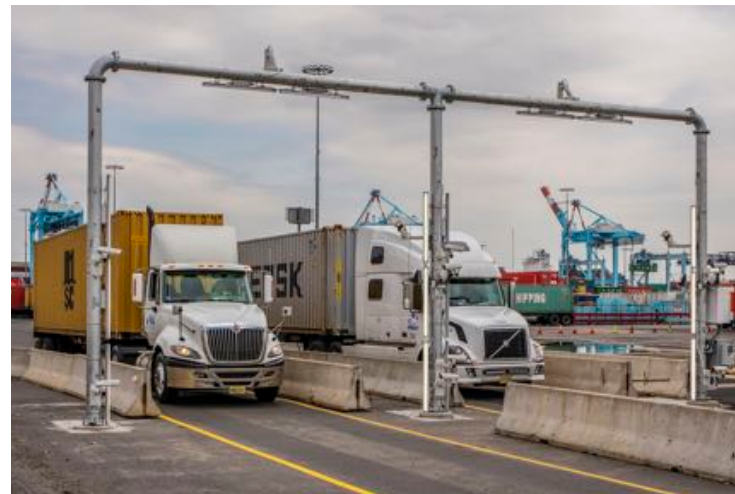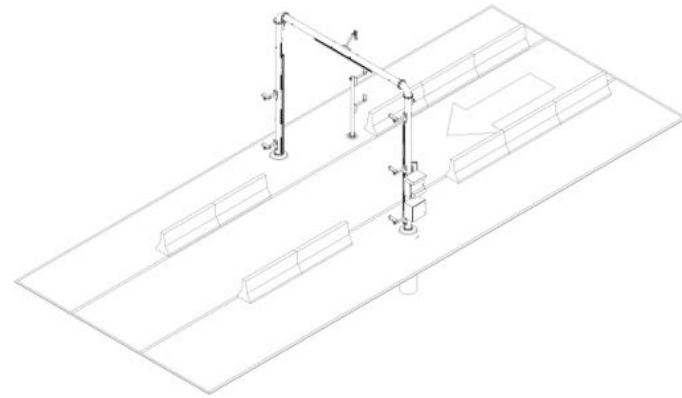
Line-scan Camera Placement Options
- Left-side (container/trailer)
- Left-side Bottom (chassis)
- Right-side (container/trailer)
- Right-side Bottom (chassis)
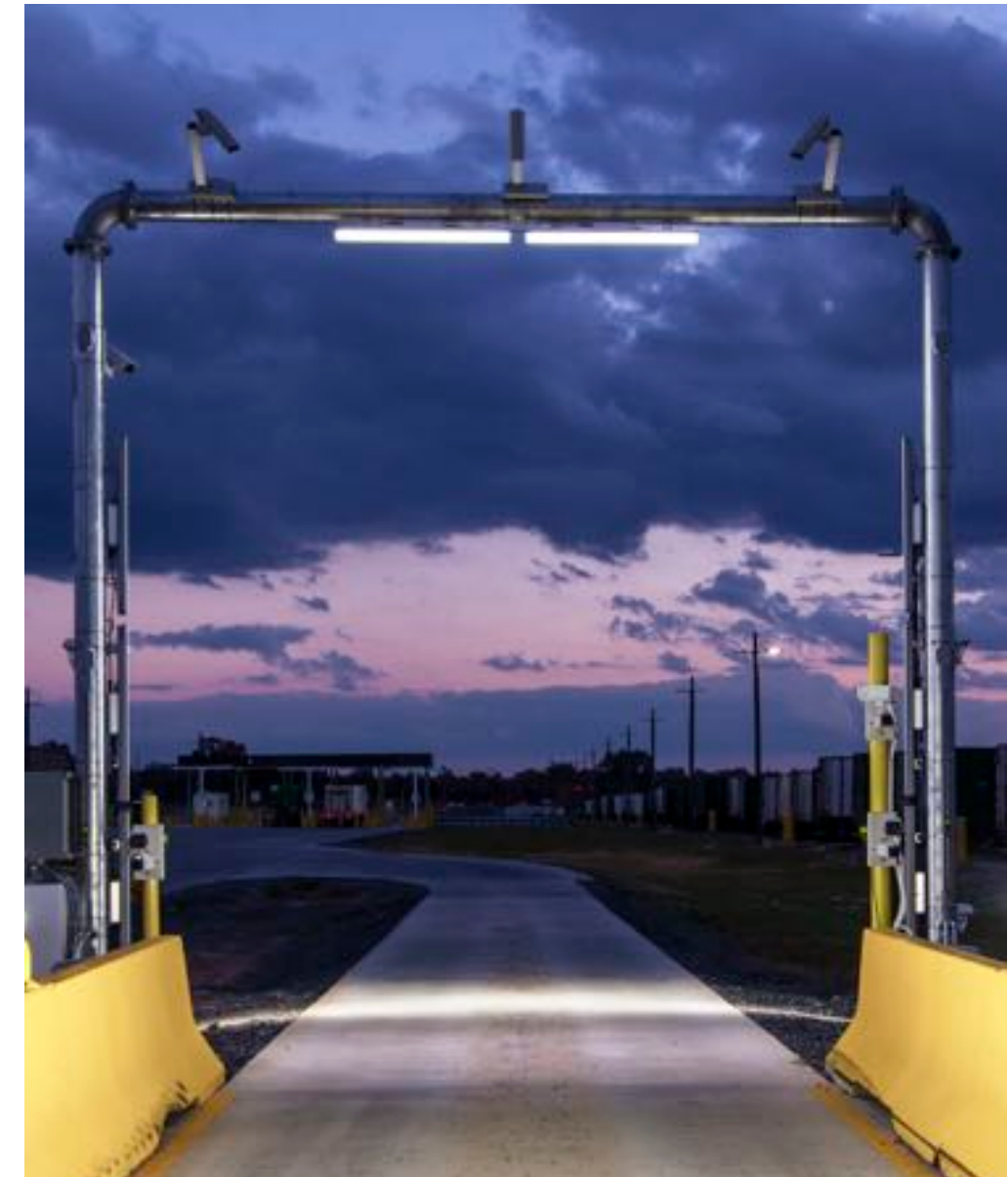- Top (container/trailer)

Area-scan Camera Placement Options
- Front
- Rear

Other Camera Options
- Area-scan for Rear Bumper
- LPR (License Plate Recognition)
- Tire Inspection (2 Line-scan Cameras)

The open-air, free standing enVision Portal utilizes an array of specialized detection and imaging technologies to automatically capture and process container, chassis, and trailer data.

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TOMORROW'S TECHNOLOGY TODAY

Your gate, only better.

Effortlessly handling non-stop vehicle traffic at up to 25 miles-per-hour, enVision is a welcome addition to any advanced automated gate system and provides a competitive advantage to terminals wishing to increase traffic efficiency and reduce processing times.

enVision's unparalleled processing speed and high OCR accuracy rates results in faster truck processing times and significantly fewer operator interventions. It's one of the smartest and ROI-friendly decisions you can make to improve your gate.

At a glance ...

- *Handles non-stop vehicle traffic at up to 25 MPH*
- *Highest OCR Read Rates in the industry*
- *Fully-integrated GPU processing for speed*
- *Accuracy enhanced through the use of deep learning models and algorithms*
- *Supports all container types, trailer types, and combinations*
- *Automatically identifies equipment types, position on truck, and door direction*
- *Generates extraordinarily crisp, high-resolution images*
- *Color and grey-scale imaging*
- *Energy-efficient LED illumination*
- *Overlay of date, time, and location information*
- *Integrates with NASCENT's SYNAPSE AGS, and 3rd-party systems*
- *Comprehensive API (Application Programming Interface)*
- *On-board web-based application for monitoring, management, and configuration*
- *Integrates with major brands of RFID systems and Weigh-in-motion (WIM) scales*
- *Proudly made in the USA*

enVision's **leading-edge imaging technology** delivers clear, crisp images for real-time damage inspection or reconciliation.
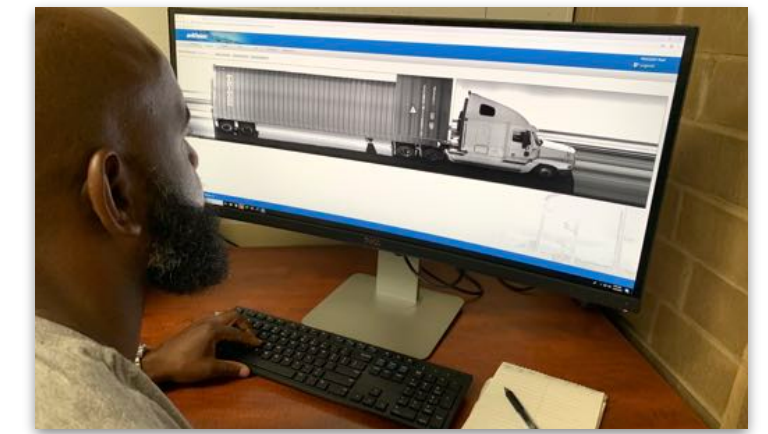
Camera placement is **fully-configurable** and can be tailored to suit your specific requirements. Fully-equipped, the enVision Portal delivers clean, well-illuminated images of the top, sides, front, and back of each passing conveyance.

enVision's **powerful industry-optimized OCR engine** automatically reads and records container numbers, trailer numbers, chassis numbers, ISO codes, license plate numbers, and IMO label marking information.

Stand-alone or Integrated

enVision's intuitive **web-based interface** offers the ability to search for transactions, review full-size images, export transactional data, and more.

Need more?

A **modern, modular architecture** offers unprecedented number of options …

- *LPR (License Plate Recognition)*
- *Hazard Placard Identification*
- *Genset detection and OCR*
- *Seal detection*
- *Tire Inspection*