VISY IRIS OCR PORTAL WITH CARGO MEASUREMENT

A multifaceted data-collection solution

Visy IRIS OCR Portal with Cargo Measurement captures mission-critical data from vehicles and cargo. The AI-based OCR software recognizes license plates, container ID's, ISO codes, IMO labels, and other visible information, while laser scanners measure the vehicle and cargo dimensions and volume. All data-collection processes take place simultaneously while a vehicle drives through the portal, therefore traffic continues to flow.

✓ **Exceptional real-life accuracy - 97-99.9 % correct recognition rates**

✓ **Works in harsh weather - Installations from -40°C to +50°C**

✓ **Small footprint with exceptional performance - operates bi-directionally**

✓ **Available as prefabricated solution, including:**
- Aluminum portal
- Electrical cabinet
- Cabling
- All system software and hardware
- Building instructions
- Installation guide

✓ **Applications for:**
- Container and RORO -terminals
- Rail and Intermodal terminals
- Logistics and distribution centers
- Manufacturing plants
- Law enforcement and Customs Authority operations

✓ **Integrated to Visy Access Gate Operating System or 3rd party systems**

Expand | your vision

Solution consists of line scan cameras and laser scanners to collect images for DNN processing and 3D profiling.

Collecting, organizing and sharing data is the foundation of the Visy IRIS OCR Portal with Cargo Measurement. The cameras take image of all sides of the target asset to provide information such as container ID's and license plate numbers. Laser scanners scan the target asset from all sides to provides the size, length, position and volume data.
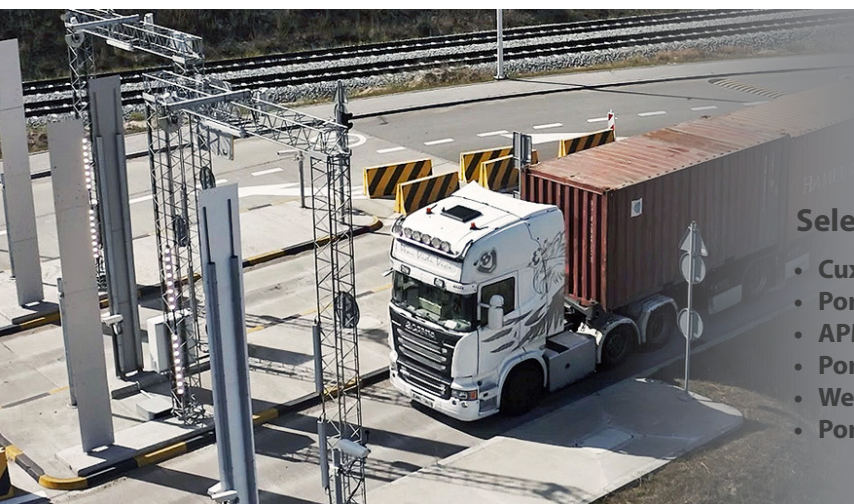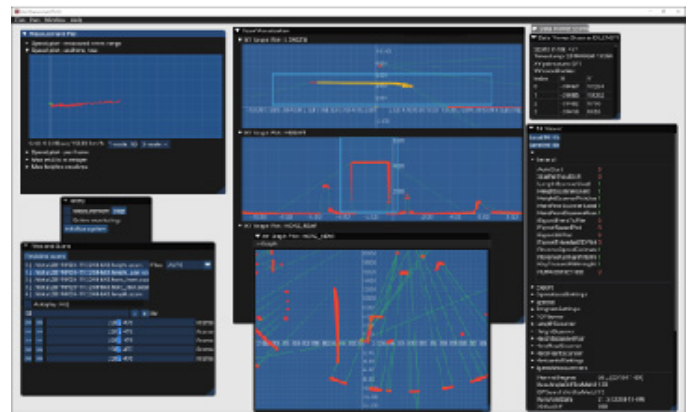
Technologies

Deep neural-network based Visy IRIS recognition and AI engines

- Site specific learning and recognition
- Trained by showing examples

Utilizes

- Both line scan and standard IP-cameras
- Laser scanners
- Weigh-in-motion scales
- Visible and IR illumination

Our solutions are utilized and trusted by global brands.

Selected references

- Cuxport, Germany
- Port of Helsinki, Finland
- APMT Gothenburg, Sweden
- Port TangerMED, Morocco
- Westport Stavanger, Norway
- Port of Cork, Ireland

- London Container Terminal, UK
- UPM Wroclaw, Poland
- DPW Constanta, Romania
- OMV Petrom, Romania
- Eurotransit, Kazakhstan

**www.visy.fi
sales@visy.**

ABOUT VISY
Visy is a technology company with over 25 years of experience in commercial application of vision technology. Visy is a market leader in AI-based gate automation and OCR solutions.