



Container Product Line

## DIS Gate OCR

**DIS Gate OCR is a fully integrated second generation Gate OCR system that automatically reads and records the container ISO code number as the truck passes through a gate complex.**

**The system may also include integrated modules for reading of the truck license plate number, the chassis number, the rear plate number and IMO label marking information.**



### Automated Terminal Gate OCR Systems

**DIS Gate OCR system is a PC-Based container terminal gate processing system, ideally suited for recognition and recording of container code numbers together with the truck plate numbers, chassis numbers, and others. The DIS Gate OCR system includes integrated hardware and software systems.**

The system is based on a proprietary Container Code Recognition (CCR) software engine and utilizes rugged high-resolution camera systems with pulsed solid-state LED illuminators. The system can also be interfaced with the terminal load-lists and manifests for enhanced recognition performance. DIS Gate OCR is designed to share the container, truck, chassis identifications and other optional container information (IMO label markings, Damage Inspection imaging) with a central server system called GCS (Gate Control System). GCS provides an XML interface with the customers TOS (Terminal Operating System).

The recognition results are transmitted after each identification or post processing cycle and are also stored in the local database for manual review. One or more Client applications can intercept the messages, for data recording and/or for further processing. XML interface is available is easily integrated with popular TOS (Terminal Operating Systems).

The system may also include integrated modules for reading of truck license plate numbers, the chassis numbers, damage inspection images, IMO label marking information and be combined with driver kiosks/pedestals in the secondary gate lanes.

#### Benefits of DIS Gate OCR System:

- Automates data entry of container code, truck license-plate and chassis (optional) numbers
- Automatically reads IMO label markings (optional)
- Captures full container color images and video clips for Damage Inspection applications (optional)
- Increase Terminal and Traffic Efficiency
- Provides Real-time data Processing
- Enables Security Surveillance (provides video clips)
- Enhances terminal assets tracking and management
- Extensive set of networking, operational, monitoring and maintenance utilities with the Smart Service Suite option
- Increased terminal gate safety and security.

#### DALOSY INDUSTRIAL SYSTEMS

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# DIS Gate OCR



## Sample Application:

- Portal installations
- Terminal gate systems
- Border and customs gates
- Radiation Portals

## System Features:

- Handles all standard size containers (20, 40, 45, 20/20)
- Reads ISO 6346 formats including check digit verification
- Reads container code number and size/type from both sides, rear and top views
- Reads truck license plate and optionally chassis number from either sides, or rear of truck
- Identifies IMO label markings (optional)
- Captures full (four sides) container color images for Damage Inspection applications
- Stores images, selectable jpeg quality or bitmap
- Records MPEG4 video clips of truck and payload from multiple views
- Comprehensive SDK for simplified integration with external utilities, client applications and Terminal Operating Systems (TOS)
- Captures information while truck is in motion
- Simple configurations
- Energy efficient (solid state strobe illumination)
- Multi-spectrum license plate camera & illumination units (IR and/or visible)
- Minimal and simplified equipment installation
- Low maintenance, supported by operational and maintenance utilities
- Superior Reading Accuracy
- Seamless Performance Guarantee



**Use DIS Gate OCR Display Sample for Container, Truck Plate and Chassis numbers**



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