

Fully Integrated Crane-Mounted OCR Systems



SeeCrane is a fully integrated OCR system that automatically reads

and records the container ISO code number as it is handled by a crane. The system integrates with the crane control system for triggering and data processing purposes.

SeeCrane systems include all hardware and software components for direct installation on container-handling equipment.

SeeCrane is a crane-mounted OCR system that is used to automatically read and record the container code number each time a container is handled by the crane. This sophisticated image capture and recognition system is installed directly on the crane and interfaces with the crane control system.

The SeeCrane system includes an array of rugged video high-performance camera units mounted on the crane structure, designed to handle all standard size containers. The container code information is processed by the SeeCrane host computer that is installed on the crane. The updated container status is then transmitted to the crane control station.

SeeCrane can match the container numbers to a job manifest in order to verify OCR results. Container numbers and images are logged to support manual audits.

Benefits of SeeCrane System:

- Automatic documentation of container inventory
- Increases terminal efficiency
- Enables Real-time data Processing
- Enhances terminal assets tracking and management

Sample applications: Quay, RTG and RMG cranes and other Container Handling Equipment

System Features

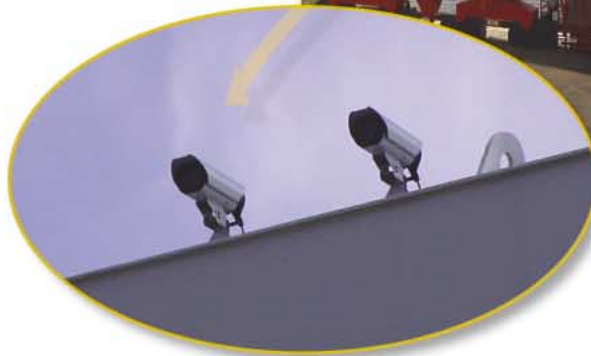
- Handles all standard size containers (20,40, 45, 20/20)
- Reads ISO 6346 formats including check digit verifications
- Real-time tracking of containers handled by crane
- Reads container numbers from both sides
- Operation uninterrupted by traffic into loading area
- Simple configuration
- Minimal equipment
- Low maintenance
- Superior reading accuracy
- Seamless performance guarantee



SeeCrane in Operation



SeeCrane Control Box



Sample Quay
SeeCrane Installation