



CARGO CONTAINER RECOGNITION



ISS

SecurOS CARGO is an intelligent image analytics module for video server SecurOS, which provides recognition of cargo container characters on trucks as well as cranes.

SecurOS CARGO is an automated container ISO code recognition system. It implements the most advanced proprietary image processing software, the ISS SecurOS framework, and advanced algorithms for the recognition of characters on cargo containers.

COMPREHENSIVE SOLUTIONS FOR CARGO RECOGNITION

advanced image analytics for extremely fast and accurate OCR - automatically reads and records the container ISO code

top number recognition for front and back of container and side number recognition

localization and automated selection of best image frame for highest recognition capability

completely automated operation

capability to alarm based on recognition and to pre-program pass/alarm lists

provides verification against cargo manifests

FLEXIBILITY OF USE

standalone or crane based operation

intermodal operation - integration with SecurOS AUTO and TRANSIT coordinate cargo container data with license plate of cargo truck or serial of train

integration capability with SQL databases and SDK available for integration with legacy cargo management systems

I/O integration capability to manage third party devices from a unified command and control point

distributed and remote monitoring / administration capabilities

full integration with SecurOS video server for DVR/NVR capabilities

SECURE YOUR ASSETS

access permissions, restrictions and rights & privileges of persons in protected areas

formation of a database with tagged data such as date and time, container number, and associated video

advanced event/response management including time schedule engine, adjustable thresholds, and alarm capabilities

Protocol	Search	Local Lists
SUDU1891500	Unauthorized	06:25 PM Licens...
FESU2106628	Authorized	06:25 PM Licens...
CA306233723	Authorized	06:25 PM Licens...
KHLU6218533	Authorized	06:25 PM Licens...
CLHU3233862	Authorized	06:25 PM Licens...
KNLU3301402	Authorized	06:25 PM Licens...
SUDU1712971	Authorized	06:25 PM Licens...
SUDU1891500	Unauthorized	06:25 PM Licens...
FESU2106628	Authorized	06:25 PM Licens...
CA306233723	Authorized	06:25 PM Licens...
KHLU6218533	Authorized	06:24 PM Licens...
CLHU3233862	Authorized	06:24 PM Licens...
KNLU3301402	Authorized	06:24 PM Licens...
SUDU1891500	Unauthorized	06:24 PM Licens...

CARGO CONTAINER RECOGNITION TECHNICAL SPECIFICATIONS

POTENTIAL DEPLOYMENT AREAS



Port Management - truck based



Port Management - Crane based



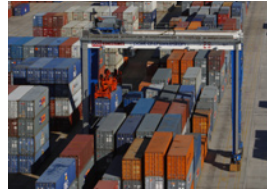
Mobile Inventory Systems Weigh-in Stations



Rail Cargo Installation



Border Crossings Access and Gate Control Systems



Cargo Tracking

ADVANTAGES

- no special cameras required
- integrate with other ISS sub-systems, SQL databases, and third party systems
- specify reaction to positive comparison
- instant data search in video archive
- automatic notification (phone, e-mail, SMS)
- distributed and modular architecture to enable remote database query, monitoring and storage
- automated localization and best image selection of cargo container characters
- fully automated system

Protocol Search Local Lists

Time interval:

from 24.12.2007 17:04:43

till 24.12.2007 18:04:43

Type: Any Recognizer: All

Text: 21

Search license plates only

Search

Plate: SUDU1891500

Speed: 3 kmph

28 May 2007 License plate recognizer 1

18:25:02 incoming

Quality: 305

Unauthorized

KHLU6218533	06:24 PM	Licens...
Authorized		
CLHU3233862	06:24 PM	Licens...
Authorized		
KNLU3303402	06:24 PM	Licens...
Authorized		
SUDU1891500	06:24 PM	Licens...
Unauthorized		

Powerful Search, Filtering, and Pass/Alarm capabilities allow significant automation of recognition based tasks

For more information, please contact your local dealer:



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