Docker Vision × intel ai

Your Gateway to Smarter, Greener Container Terminals

Port & Terminal Gate OCR Solution

*Real-time container terminal solution—**ultra-low latency, secure, customizable,** and **scalable**.*

Docker Vision's dOCR is an advanced AI-powered automation solution that digitizes and optimizes port and terminal operations. Using standard IP cameras, dOCR identifies container, vehicle, rail wagon and rail rake information with over 98% accuracy--even in dynamic outdoor environments.[1] Leveraging Intel's cutting-edge hybrid architecture to deliver high-performance and low-latency edge processing, dOCR accommodates up to six simultaneous camera feeds with model chaining, delivering real-time insights at vehicle speeds up to 120 kmph.

To further enhance edge inference, dOCR integrates Intel® Deep Learning Streamer (DL Streamer) and the OpenVINO™ toolkit. Secure remote management is enabled via Intel® vPro® and Intel® AMT, reducing truck idling times by up to 90%, cutting CO_2 emissions, and enhancing operational transparency across the logistics chain.[1]

Docker Vision delivers a scalable, sustainable solution for smart, green, and digital ports-empowering the maritime ecosystem.

Key Intel-Enabled Features

- Real-Time OCR
- Edge Vision AI
- Multi-Cam Processing
- Secure Remote Ops

- Real-time OCR and recognition accelerated by Intel® AI Boost NPU
- Multi-camera edge inference with model chaining powered by Intel® Arc™ GPU
- Secure remote monitoring and firmware updates via Intel vPro® Platform and Intel® AMT
- Efficient edge performance supported by Intel® Core™ Ultra processors with hybrid architecture

Intel Products and Technologies

- Intel® Core™ Ultra Processors
- Intel® Arc™ GPU
- Intel® Deep Learning Streamer (DL Streamer)
- OpenVINO™ Toolkit

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Country/Geo: Worldwide

Edge Vertical/Industry: Transportation; Manufacturing & Robotics; V ideo, City Safety and Security

Edge/Use Cases : Video Analytics; Traffic Flow Optimization; Quality Control; Operational Efficiency; Quality Inspection; Operational Diagnostics

Learn more:
- Docker Vision Website

[1] Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.