



Faster Access

Accurate Data

Smarter Control

WeiJia Smart Gate System delivers intelligent gate solutions tailored for ports, depots, and logistics parks. Powered by AI recognition and automated control technologies, it enables fast clearance, automated data capture, and intelligent business rule verification, significantly improving gate efficiency and operational performance.

✓ **Faster Access** Driven by automated vehicle recognition and smart release mechanisms, the system significantly reduces manual intervention, effectively relieves peak-hour congestion, and boosts overall throughput efficiency.

✓ **Accurate Data** Automatically captures license plates, container numbers, and weights to reduce manual input, minimize errors, and improve operational efficiency and data reliability.

✓ **Smart Sync** Real-time interaction with TOS/YMS and other operational systems auto-validates instructions, seamlessly integrating gates with logistics workflows.

✓ **Safe & Reliable** Features anti-tailgating, anti-smashing, and cross-lane interference control to ensure system stability. Automatically captures gate data and images for traceable operational evidence.

✓ **Digital Empowerment** Delivers critical data support for digital logistics operations, empowering smart logistics and driving management innovation.

## Core Functions



Automated License Plate Recognition



Automated Container No. Identification



Automated Weighbridge Data Capture



Automated Gate Lane Control

## Application Scenarios

Inland Ports & Depots

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Logistics Parks

Multimodal  
Transportation Hubs



# WEIJIA

## OCR Accuracy Rates



License Plate Recognition  $\geq 98\%$

Container No. Recognition  $\geq 98\%$

ISO Code Recognition  $\geq 98\%$

Container Door Direction  $\geq 98\%$

Single/Muti Position Detection  $\geq 98\%$

Hazardous label Recognition  $\geq 95\%$

Image Processing Speed  $\geq 25\text{fps}$

## Technical Highlights

- ✓ Anti-Tailgating Detection
- ✓ Anti-Smashing Protection
- ✓ Lane Interference Prevention
- ✓ Single/Multiple Container Recognition
- ✓ Oversized Vehicle Handling
- ✓ Server Sharing Technology
- ✓ Multi-Dimensional Fusion Recognition
- ✓ LLM-Assisted Recognition
- ✓ Video Evidence Recording

20+

20+ Years  
of Industry  
Expertise



Proprietary  
Core  
Technologies



Integrated  
Software &  
Hardware  
Solutions



End-to-End  
System  
Integration



Customer-  
Centric  
Service  
Approach

## Becoming the Most Trusted Intelligent Logistics Service Provider



No.10 Tonglin Road,  
Laishan District, Yantai, China



[www.weiija-soft.net](http://www.weiija-soft.net)



[wjsoft@weiija-soft.net](mailto:wjsoft@weiija-soft.net)