WINMORE DIGITAL × intel

Detect Missed Scans and Item Swaps with AI Self-Checkout

Winmore iDetector



*Image generated with artificial intelligence using GPT-6.1. For illustrative purposes only.

*Winmore iDetector by Winmore Digital allows retail POS vendors to add **local scan verification to existing lanes with flexible integration.***

Winmore iDetector is the self-checkout loss prevention module within EIS, Winmore Digital's retail AI system. It combines camera observations with barcode and checkout data to identify missed scans, wrong scans and product substitutions during a transaction.

Intel® processor-based Windows terminals run recognition locally, supporting customer prompts and attendant alerts at checkout. The solution leverages OpenVINO™ toolkit for vision inference optimization. Event images, video and structured records support incident review and store reporting. POS vendors can integrate the local service into their own interface and checkout logic, while a non-integrated mode supports pilots.

iDetector helps retailers and partners add visual verification to existing self-service lanes and address checkout losses.

Key Intel-Enabled Features

Scan Verification | Local Alerts | Edge Processing | POS Integration

- OpenVINO™ toolkit optimizes visual verification inference on Intel® Core™ processors (14th Gen).
- Local processing supports immediate customer prompts and attendant alerts.
- Intel® processor-based terminals process recognition locally at each checkout lane.
- Windows local services connect detection results to existing POS systems.

By leveraging Intel® technologies, Winmore iDetector by Winmore Digital addresses self-checkout shrink caused by missed scans and product substitutions, while reducing reliance on manual transaction monitoring.

Ordering Guidance:

- Winmore iDetector I Book A Demo

Country/Geo: Worldwide

Edge Verticals: Retail & Consumer

Edge Use Cases: Loss Prevention; Fake Scans; Multi-Product ID; Product Switching; Event Video Summarization

Learn more:

- Winmore Digital Website

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Intel® AI Edge Applications

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