

Enabling Smarter Retail Decisions with Private Edge AI

SamurAI

SamurAI by Tapway transforms existing retail cameras into an intelligent edge AI platform that delivers real-time insights and automated actions without cloud dependency. Designed for retail and food & beverage environments, it helps address shrinkage, inventory visibility gaps, labor-intensive monitoring, and compliance challenges. The solution combines computer vision and agentic AI to monitor shelf inventory, detect anomalous cashier behavior, and support hygiene and operational compliance.

Powered by Intel® Core™ Ultra Series 3 processors with Intel® AI Boost and optimized with the OpenVINO™ Toolkit, SamurAI runs fully on-device in air-gapped environments, enabling low-latency AI inference while preserving privacy. The result is scalable, cost-efficient intelligence that helps retailers improve operations, reduce losses, and enhance decision-making across locations.



Key Intel-Enabled Features



Real-Time Insights



Private AI Processing



Agentic AI Actions



Optimized Vision AI

- [Intel® Core™ Ultra Series 3 processors](#) and Intel® AI Boost accelerate on-device vision analytics for fast retail decision-making.
- [Intel® Core™ Ultra processors](#) enable fully air-gapped AI inference, keeping video and analytics local for privacy.
- Intel® AI Boost accelerates local LLM execution, enabling autonomous anomaly detection and action triggering.
- [OpenVINO™ toolkit](#) accelerates object detection workloads, improving detection accuracy and reducing false alarms.

By leveraging Intel® technologies, SamurAI by Tapway helps retailers reduce shrinkage, improve inventory visibility, and automate in-store operations.

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*SamurAI by Tapway delivers **private, on-device retail intelligence** that automates monitoring, reduces shrinkage, and improves operational efficiency.*

Ordering Guidance:

- [SamurAI - Request Demo](#)

Country/Geo: Asia Pacific, Japan, Australia & New Zealand

Edge Verticals: Retail & Consumer

Edge Use Cases: Self-Checkout; Loss Prevention; Product Recognition; Shopper Behavior; Event Video Summarization

Learn more:

- [Tapway Website](#)