



Cash register opened



No customer present



Suspicious POS transaction alert



Stop shrink before it hits your bottom line

Lumana is an AI video security platform that centralizes management and uses agentic AI to detect fraud, prevent theft, and keep every store running at peak performance.

Monitor for unusual POS transactions and activity across your stores

Lumana transforms your existing cameras into AI agents that correlate transactions with video — so you can detect loss, investigate instantly, and act in real time.



Video and agentic AI

Every camera becomes an AI agent—continuously analyzing checkout activity, store behavior, and exits to surface risks the moment they happen.



POS integration

Automatically correlate POS data with video in real time. Detect voids, no-sales, sweethearting, and anomalous patterns without manual review.



Continuous-learning AI

AI that adapts to your environment, reducing false alerts by up to 90% while improving detection accuracy and performance over time.

Key benefits

Reduce shrinkage, fraud, and ORC



Suspicious POS activity

Flag voids, no-sales, and abnormal transactions with synced video.



Known offender detection

Facial recognition alerts when known shoplifters enter any store.



Inventory monitoring

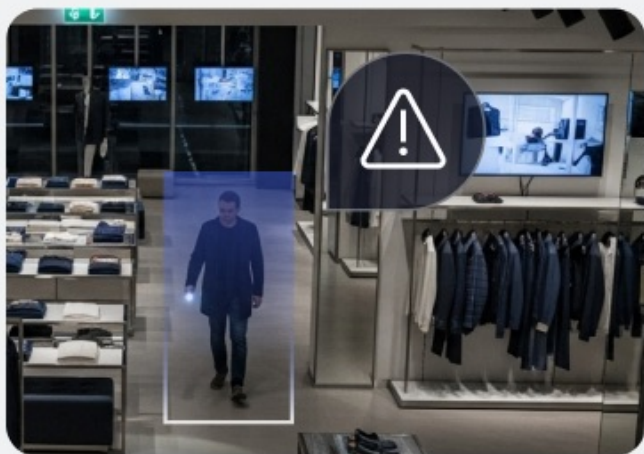
Detect ORC sweep-outs and inventory anomalies in real time.



Suspicious vehicle and LPR tracking

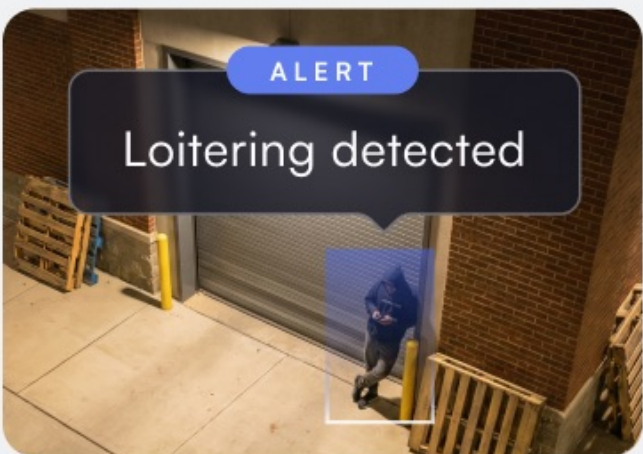
Track ORC vehicles across locations with license plate recognition.

Strengthen store security and safety



Unauthorized access

Alert when someone enters stockrooms, offices, or restricted zones.



Parking lot and exterior monitoring

Monitor exits, loading docks, and parking areas for suspicious activity.



Identify blocked doors and exits

Know when exits or doors are blocked to avoid costly OSHA fines.



Slip and fall detection

Automatically detect falls and alert staff for immediate response.

Improve operational efficiency and sales conversion



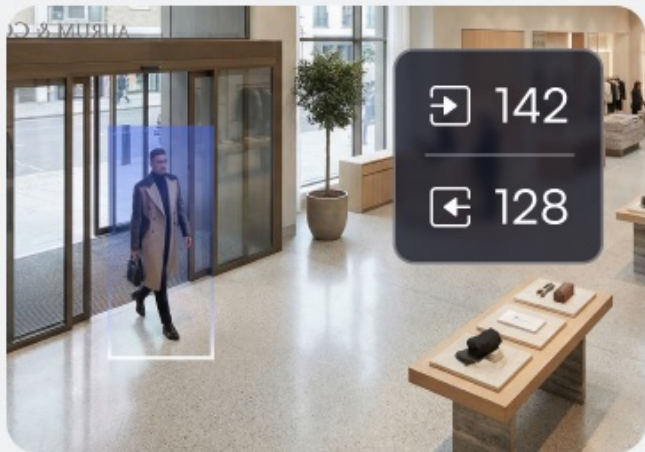
Queue and wait times

Alert managers when checkout lines exceed thresholds.



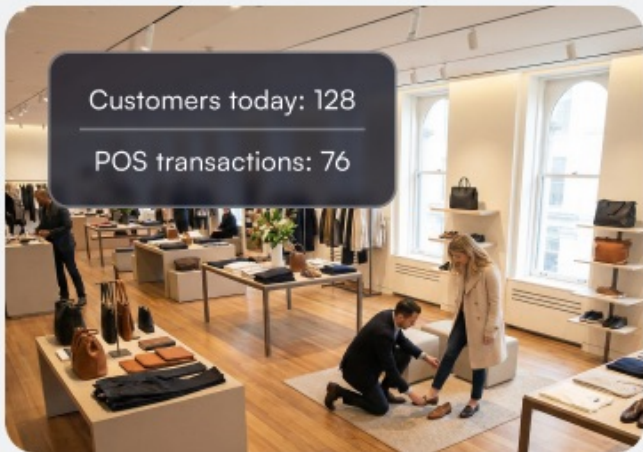
Identify high-traffic areas

Optimize store layouts and staffing with heat mapping data.



People counting

Benchmark store performance and monitor customer visits.



Conversion rate

View total customers against POS data to track conversion rate.

How it works



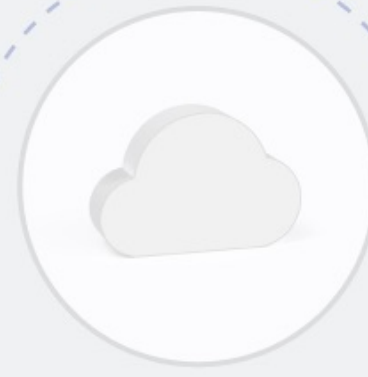
ANY CAMERA

Lumana transforms any camera into an AI agent and pushes data to Lumana Core.



CORE

Video data is stored and processed on the edge for scalability and real-time performance.



CLOUD

Lumana Cloud aggregates, orchestrates, and provides additional intelligence.



DEVICES

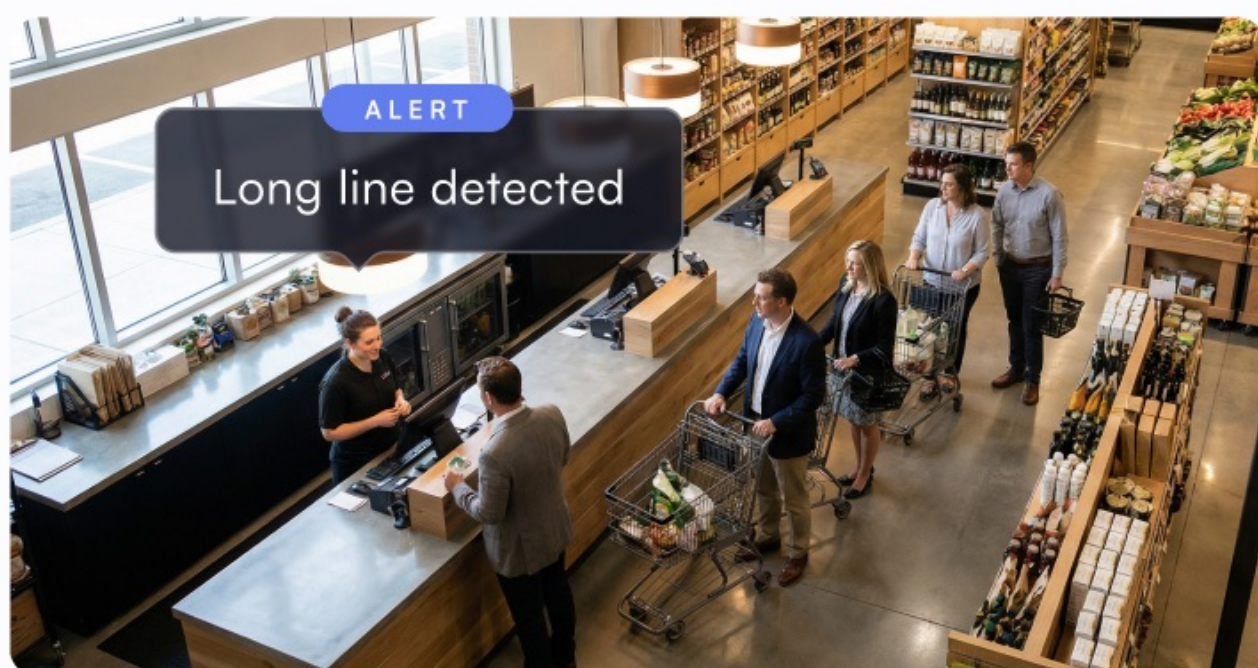
All devices and locations are managed from one platform via web browser or mobile device.

How other retailers use Lumana

Carrefour

A multinational French retail corporation operating a vast global network of hypermarkets and grocery stores.

- ! **Known offender alerts:** spot known shoplifters
- 📦 **Stockroom access:** detect unauthorized entry
- 🚪 **Exit monitoring:** alert on suspicious activity at doors



A Mid-Atlantic grocery chain dedicated to offering high-quality organic foods and sustainable household products.

- 🕒 **Checkout queues:** alert when lines exceed thresholds
- 📦 **Shelf availability:** flag empty or low-stock shelves
- 💧 **Spill detection:** instantly identify spills and slip risks

Ready to see the difference?

30-day risk free trial. Full platform access, white-glove onboarding, and 24/7 customer support.

lumana.ai/get-trial | sales@lumana.ai