

# Inventory AI



Managing inventory in the optical industry means balancing precision with personalization. From thousands of SKUs across frames, lenses, and coatings to high return rates and regional preferences, static replenishment rules just don't cut it.

Hypersonix Inventory AI delivers intelligent inventory optimization tailored to the optical industry's fast-changing trends, customer preferences, and omnichannel needs. Whether you're running a multi-store chain, lab network, or DTC brand, it helps you carry the right stock—without carrying too much.

## Key Features



### SKU-Level Inventory Visibility & Optimization

Tracks and adjusts inventory thresholds for individual SKUs across categories, brands, and store formats based on real-time demand.

*Best Fit: Managing fast-turn acetate frames while controlling overstock on less popular styles or niche colorways.*



### Lens & Custom Item Forecasting

Projects lens and coating demand—factoring in prescription trends, lab turnaround times, and sales channel differences.

*Best Fit: Aligning stock for blue light lenses, AR coatings, or high-index materials based on changing order patterns.*



### Returns & Rework-Aware Inventory Planning

Accounts for returns, refurbishments, and remakes to ensure a true picture of available and pending inventory.

*Best Fit: Adjusting stock levels based on expected remake rates for progressives or high-Rx jobs.*



### Store-Level Replenishment Automation

Generates smart replenishment signals per store or region, tied to localized demand velocity and inventory health.

*Best Fit: Automating restocks of top-selling readers in urban stores, while throttling slower-moving SKUs in rural areas.*



### Omnichannel Inventory Coordination

Unifies inventory across retail locations, labs, and online storefronts to ensure seamless fulfillment and minimal backorders.

*Best Fit: Managing fulfillment for contact lenses and accessories across BOPIS, DTC, and wholesale accounts.*

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