

Sunoa Deploys Camera Point-of-Sale Built on Square

One photograph fills the cart from the shop's Square catalog and lands a priced order on the Square Terminal, with every line confirmed at the counter. Built by Internal Automation.

KAILUA-KONA, HI · JULY 31, 2026 · Sunoa, a Kailua-Kona patch shop, has deployed a camera-based point-of-sale system built by Internal Automation. It runs on an iPad and settles on the shop's paired Square Terminal.

A staff member photographs the customer's tray and the system fills the cart from the shop's existing Square catalog. Quantities remain editable, and every row is confirmed by staff before the sale completes.

The system operates as a complete register on Square rather than a scanner attached to one. Prices and tax are retrieved live from Square at the time of sale, the order is created within the shop's existing Square catalog and sent to the paired Square Terminal for payment, and cash tender, refunds, Square-defined discounts, and recovery of an interrupted checkout are handled through the same account.

Square remains the system of record for items and pricing. When the shop updates an item's photograph in Square, the iPad refreshes its own visual reference for that item on the next sync, so routine catalog maintenance in Square keeps the camera current with no separate retraining step.

The system continues operating during a network interruption. A sale can be rung, taken and closed while the connection is down, and the shop's records reconcile once it returns.

Performance is measured against a hand-verified ground truth, currently 1,030 labeled instances across 137 photographs. The system locates 88% of patches present in a photograph. Item identification is confirmed by staff at the counter before the sale completes. Benchmark photographs are captured in a mode that creates no order and contributes no learning, so the measurement cannot be inflated by the system re-matching images it has already been taught.

Sunoa owns the system, the Square integration, and the evaluation data.

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ABOUT INTERNAL AUTOMATION

Internal Automation designs, builds, and maintains custom AI workflows, agents, chatbots, reporting systems, and integrations for enterprises. Engagements are fixed price and fixed timeline, agreed before the build begins, and every system is owned by the client with no vendor lock-in.

MEDIA CONTACT

Press inquiries go through internalautomation.com/contact. We reply within one business day.