

Starling SCO

**A fully integrated, AI-driven
self-checkout solution**



Elevate the Customer Experience and Increase Your Capacity During Peak Hours



Increase Sales Capacity

Increase the store's sales capacity while reducing operational cost.



Quick & Convenient

Offer a streamlined, more convenient checkout with less waiting.



Intelligent Fraud Detection

Prevent fraud with AI-based computer vision and weight verification.

Less Waiting, More Capacity

Improve the customer experience and increase your store capacity with Partner Tech's cutting-edge Starling SCO. This fully integrated self-checkout solution enables shoppers to skip the lines and get full control over their purchases. Customers appreciate the convenience and retailers benefit from increased throughput with opportunities to expand opening hours and shift labor resources to other functions.

Customizable with Peripherals

Starling is available with a 15.6-inch or 21.5-inch touch display in landscape or portrait position. Based on the application, there is a choice of different processors and memory sizes that can be optimized for your needs. A large selection of peripherals includes a bioptic scanner with scale, receipt printer, security scale, intelligent LED tri-light, security camera, ADA keypad and payment brackets.

Support for All Payment Types

Payment is easy and quick with support for debit and credit cards, contactless, mobile and cash payments through the current POS system. Brackets are available for the most popular payment terminals and additional brackets can be added on demand. The optional cash management module offers advanced coin and paper bill recycling.

Intelligent Fraud Prevention

Starling offers advanced fraud detection capabilities that leverage artificial intelligence to analyze fraudulent shopping behaviors. Discrepancies trigger alerts that are sent to the store attendants.

- **A security scale** in the bagging area verifies the items' weight
- **Computer vision:** an intelligent camera is used for crime prediction and pick list assistance. In addition, Starling also has the option of camera-based age verification.
- **EAS security tag detection** is available for both soft and hard tags.



SCO Software With Artificial Intelligence

In addition to the hardware, Starling includes a module-based self-checkout software with easy step-by-step instructions and a customizable checkout flow and user interface. Starling controls all the peripherals such as the security and produce scale, barcode scanner, tri-light, and security camera. By leveraging artificial intelligence to analyze data, Starling generates fewer interventions and provides advanced theft detection.

API Tool Kit for POS Integration

Powered by the API tool kit, Starling delivers a robust self-checkout solution that can be fully integrated with the merchant's retail management platform and POS. The result, it enhances efficiency, optimizes operations, and improves the customer experience.

Real-time Monitoring & Management

Proactive performance monitoring is essential for a successful SCO rollout, allowing you to quickly identify and resolve issues to minimize downtime. By detecting negative trends early, you can make data-driven adjustments to boost adoption and prevent fraud. This module provides access to a real-time dashboard and a comprehensive reporting tool, enabling you to analyze historical trends and benchmark store performance.



Real-time Visibility

Proactively monitor the performance of your self-checkout systems.

Proactive Problem Solving

Quickly identify and resolve problems and negative trends.



Starling is available with a security scale/bagging area in three different sizes – M, L and XL.

Starling SCO Technical Specification

Processors

Intel® Alder Lake i3 & i5 with vPro
Intel® Tiger Lake i3 & i5 with vPro

Memory & Storage

8GB / 16GB / 32GB DDR4
128GB / 256GB / 512GB M.2 PCIe SSD

Display

- 15.6" or 21.5" (portrait or landscape)
- PCAP touch

Operating System

Windows 10 IoT Enterprise LTSC 21H2 (64 bit)
Windows 11 IoT Enterprise LTSC (64 bit)

Wireless Options

Wi-Fi 6E Intel AX210 IEEE 802.11 a/b/g/n/acR2/axR2
BT 5.3

Customizable Design

- Gray standard color, but other color options are available to match the retailer's branding
- Designed for left or right orientation
- Choose from three security scale/bagging area sizes: M, L, and XL

Peripheral Options

- Bioptic 1D/2D scanner with scale
- Handheld scanner
- Brackets for payment terminal
- LED tri-light with camera (several options)
- Age verification camera
- 3" receipt printer
- ADA keypad

Fraud Detection & Security Options

- Security camera for item identification
- Surveillance camera
- Security scale for weight verification
- Electronic Article Surveillance (EAS) tag integration
- Lockable security door for system access

Payment Options

- Credit card payments supported by the POS
- Cash recycler

Module-based Software

- Multi-language support
- Step-by-step shopper instructions
- Customizable work flow and branding
- Easy-to-configure GUI
- AI-based crime prevention
- Computer vision for item identification
- Remote attendant functionality with alerts sent to desktop computer or mobile device
- Adaptive security levels
- Scan-and-Go

SCO Performance KPI Monitoring

- Real-time status dashboard
- Detailed reporting capability
- Remote device management capabilities



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