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.

Fully Integrated & Modular

The fully integrated checkout solution includes everything, including the POS counter. A large range of different color options and configurations allows it to be adjusted to the store's layout and branding requirements.

Customizable with Peripherals

Starling is available with a 15-, 15.6- or 21.5-inch touch display, which can be used in landscape or portrait mode. Based on the application, there is a choice of different processors and memory sizes. A large selection of peripherals includes a bioptic scanner with scale, printer, security scale, LED tri-light, security camera, 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 terminals and additional brackets can be added on demand. The optional cash management module offers advanced coin and paper bill recycling.

Starling is can be customized to fit your store's layout and branding requirements.

Intelligent Fraud Prevention

Starling offers advanced fraud detection capabilities that leverages 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 items against the weight in the database.

- **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/RFID tag deactivation** is available as an optional feature.

AI security camera

EAS/tag deactivation

Security scale

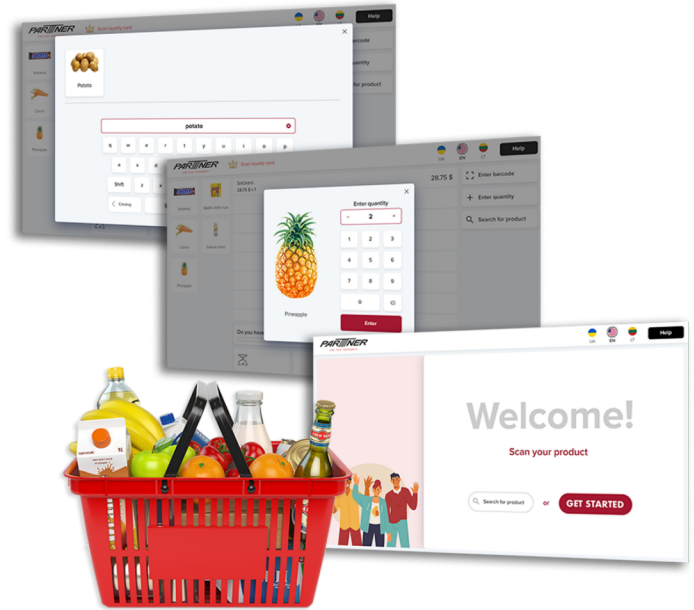## SCO Software With Artificial Intelligence

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

Starling is POS agnostic and can easily be integrated with your store's current POS software. Partner Tech offers an API toolkit for integration with POS software, loyalty systems, and other ISV solutions.

Real-time Monitoring & Management

Partner Tech offers the capability to track and manage your Starling checkout stations remotely, in real-time. The ability to proactively monitor the performance of the self-checkout is critical for a successful rollout. It quickly identifies problems and help you resolve them to minimize downtime. By detecting negative trends early, you can make adjustments to increase usage and prevent fraud. This module provides access to both a real-time dashboard and a reporting tool with ability to view historical trends and benchmark stores against each other.

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 cash modules for bill and coin recycling and offers several different bagging area configurations.

Starling: Technical Specification

Processors

Intel® Core i3 7100-U
Intel® Core i5 7300-U with Intel vPro® technology

Memory & Storage

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

Display

- 15", 15.6" or 21.5" (portrait or landscape)
- 10-point PCAP touch, anti-glare
- Zero-bezel design

Operating System

Windows 10 IoT (32-bit & 64-bit)
Linux

Wireless Options

802.11a/b/g/n/ac
BT 4.2

Audio

1 x 3W speaker
1 x audio (line out)

Customizable Design

- Select from different colors
- Designed for left or right orientation
- Compact and lower profile
- Multiple unload and bagging modules

Peripheral Options

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

Fraud Detection & Security Options

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

Payment Options

- Cash module with bill and coin recycling
- Brackets for payment terminals

Brackets are available for the most popular payment terminals. (Verifone, Ingenico, PAX, IDTech)

Module-based Software

- Multi-language support
- Step-by-step shopper instructions
- Customizable flow and branding
- Easy-to-configure GUI
- Crime predictor AI module
- Computer vision for item identification
- Remote attendant functionality with alerts sent to desktop computer or mobile device
- Adaptive security levels
- Scan-and-Go functionality, using the shopper's phone for mobile checkout

POS Integration

Partner Tech offers an API toolkit for easy integration with POS and other retail systems.

SCO Monitoring & Management

- Real-time status and issues dashboard
- Detailed reporting capability
- Real-time alerting
- Remote management capabilities

Contact Partner Tech for information about different colors, counter configurations and payment brackets not listed in this data sheet.