SCANDIT

Add Fast and Ergonomic Scanning to Any Smartphone App in Minutes

SparkScan Product Data Sheet

Scandit SparkScan is a pre-built barcode scanner that fits on top of any smartphone application. Its out-of-the-box integration and intuitive user interface enable simple, fast and ergonomic smartphone scanning for scan-intensive workflows.

SparkScan Business Benefits

Reduces costs

Dedicated devices can be replaced with smartphones to reduce total cost of ownership.

Simplicity for workers

Built-in intuitive interface makes smartphone-based scanning effortless and adoption frictionless.

Increases productivity

SparkScan's ergonomic design enables fast, accurate and comfortable scanning.

Deployment is instant

With just a few lines of code, the out-of-the-box UI adds scanning capabilities to an existing native mobile app, without the need for app redesign or customization.

Example Use Cases

SparkScan is suitable for workflows in any industry where rapid scanning of single barcodes is needed.

Examples include:

- Inventory management
- Receiving and dispatching goods
- Stock taking
- Loading and unloading
- Counting and sorting
- Gap scanning and restocking
- Consignment tracking
- Order fulfillment

Product and UI Overview

Ergonomic design

The ergonomic design allows workers to access SparkScan with a single swipe, then point and scan from any orientation. No need to rely on a screen for aiming.

Adaptive scanning with built-in versatility

Users can switch easily between different scanning modes and adjust settings to suit preferences.

- **Continuous mode:** Turn the scanner on once until the scanning job is done.
- **Target mode:** Scan barcodes at longer distances without having to bend down or reach up.
- **Choice of scanning settings:** Switch to left-handed mode, configure a physical button to scan or turn on haptic and audio feedback.

Customizable UI elements

Customize the color of UI elements and preconfigure what features are available in the quick access toolbar and the order in which they appear.

(N.B. The dimensions of the camera preview and floating scan button are optimized for user experience and are not customizable.)
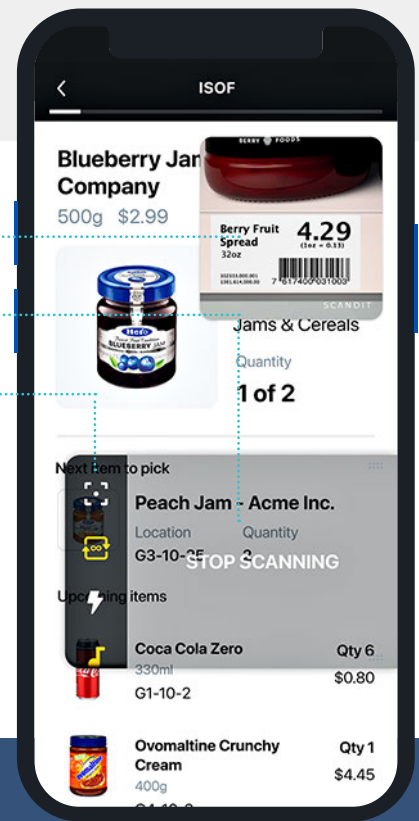
Error handling and information display

Available for developers to use if their app logic requires displaying errors or additional feedback while scanning.

Camera preview screen: Gives visual confirmation when aiming at the code.

Large floating scanning button: Gives users a large area to tap and scan, while eliminating the need to look at the screen to trigger scanning.

Quick-access toolbar: Enables users to switch modes, change settings and flip or modify for left-handed users.

Scanning Performance

User studies confirm that Scandit-powered mobile apps significantly outperform other scanning software solutions on any device under any condition (in challenging light or at angles, on damaged labels) with any barcode. All processing happens on the device.

3x faster scanning

Compared to dedicated scanners in challenging conditions, across multiple codes, on any smart device.

480 scans per minute

Single scanning speed of 480 scans per minute.

Up to 8 feet (2.4 m) distance

Scan normal-sized EAN or UPC codes at up to 8 feet (2.4 meters) distance.

Integration Guide

– SparkScan is an out-of-box integration that is up and running with just a few lines of code. It runs on iOS and Android devices including low-end models. Contact support for more details.

– It supports all symbologies except DotCode, MaxiCode and postal codes (KIX, RM4SCC).

– Currently available to integrate with native iOS or Android apps. Integration for web applications is planned for the future.

– SparkScan is part of Scandit's Barcode Scanner SDK and is implemented through the SparkScan for iOS or SparkScan for Android data capture mode.

iOS documentation

Android documentation

Get Started with SparkScan Today

New customers

1. Sign up for a free test account at ssl.scandit.com.

2. Add the Scandit SDK to your app.
   – iOS instructions
   – Android instructions

3. Follow the SparkScan documentation for iOS or Android.

Existing customers

1. Update to 6.16+ and implement new SparkScan API. No license key update is required.

2. Follow the SparkScan documentation for iOS or Android.

Or contact us to schedule a demo.

BOOK DEMO

Scandit Smart Data Capture on smart devices provides actionable insights and automates end-to-end processes by capturing data from barcodes, text, IDs and objects.

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