

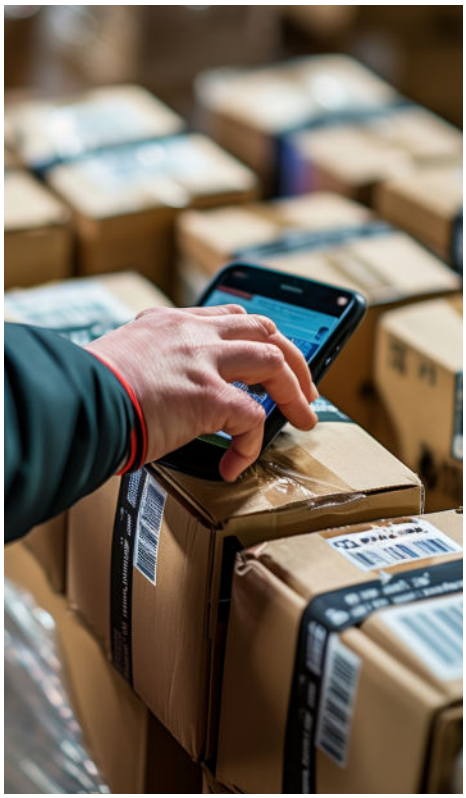
CAPTURE AND STREAMLINE INVENTORY DATA

Real-Time Inventory Data Management Solutions

Honeywell

HONEYWELL SWIFT INVENTORY

Capture and streamline your inventory data with Honeywell's SwiftDecoder™ Software Development Kit (SDK).



Honeywell's SwiftDecoder™ Software Development Kit (SDK) is a comprehensive solution for real-time inventory management. Transform your applications with a pre-built Augmented Reality (AR) feature for inventory checks. Let the camera on your device improve operational efficiency. Integrating AR into your workflows can help save time, boost productivity, and eliminate errors.

The Swift Inventory feature seamlessly integrates into larger workflows to perform specific tasks. Its purpose is to decode the SKU (Stock Keeping Unit) and text on labels. SwiftDecoder then compares decoded elements to the ERP (Enterprise Resource Planning) system stock levels. The store associate is then given real-time updates with a visual intuitive AR overlay. Retail store managers can scan shelves to help avoid stock-outs, identify incorrect product placement, and adhere to planogram compliance.

BENEFITS

Real-time visibility
Easily track and monitor stock levels for immediate inventory updates, including locations and status.

Efficiency
Visualizing stock with AR overlays help streamline inventory checks by visually representing stock, thereby reducing manual effort.

Accuracy
The use of AR technology helps to minimize the possibility of human errors.

Inventory optimization
Instant updates help optimize inventory management by maintaining adequate stock levels and reducing over stock situations.

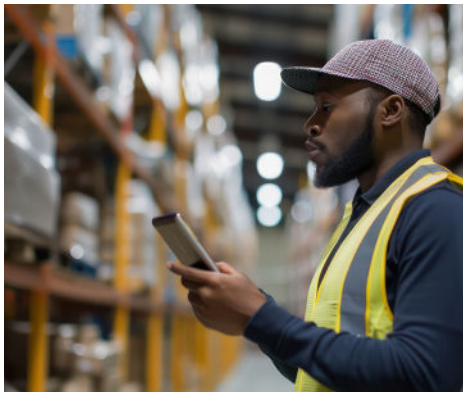
Enhanced user experience
AR overlays enhance the inventory check process, making it more engaging and user-friendly for employees.

Operational efficiencies
Simplifies inventory identification, saving time and resources typically used for manual error detection and correction.

Customer satisfaction
Maintaining stock levels ensures consistent product availability, leading to satisfied customers, increased loyalty, and repeat purchases.

Customer assistance
Timely address customer requests by checking inventory of specific products on the shop floor for an enhanced experience.

OPTIMIZATION AND INTEGRATION



SwiftDecoder's optimized algorithms, high-speed, and flexible decoding capabilities ensure efficient barcode recognition. Integration is easy, allowing developers to incorporate barcode scanning, OCR and AR functionalities, thereby facilitating a smooth implementation process.

With 50 years of scanning innovation, Honeywell is a global leader in the industry. The SwiftDecoder SDK leverages Honeywell's extensive experience and expertise in barcode technology, that offers robust functionality and dedicated support along with regular updates. We work to keep our technology current and remain aware of evolving trends, standards, and customer requirements.

COMPATIBLE WITH MAJOR OPERATING SYSTEMS

SwiftDecoder supports a wide range of camera-enabled devices including smartphones, tablets, PCs, payment terminals, drones, robotics, industrial and purpose-built devices. The SwiftDecoder solution is also compatible with major operating systems including iOS®, Android™, Windows® and Linux™, and wrappers like .NET MAUI®, Cordova™ and React Native™.

DOWNLOAD OUR DEMO APP

Turn your device into a powerful scanner today with our SwiftDecoder Demo App. You can test a wide range of scan modes that work across industries, including beyond barcode data and image capturing capabilities like optical character recognition (OCR), and ID scanning. Click the links below to download the demo app or search 'HONEYWELL BARCODE SCANNER' in your app store.

Download from the Apple App Store:

Download from the Google Play Store:

REGISTER FOR A FREE TRIAL

Get your project started with a 60-day SwiftDecoder free trial. Simply provide the information requested to complete the Trial Software Agreement and a Honeywell representative will get in touch to organize your trial license. You can also access our trial program from the SwiftDecoder Demo App.

Peak Technologies
265 Foster Street
Littleton, MA 01460
888.492.6346
www.peaktech.com

All logos, brand names and trademarks are the property of their respective owners.
SwiftDecoder™ is a trademark of Honeywell International, Inc.
All rights reserved. Honeywell and its product names are among the trademarks and/or servicemarks owned by Honeywell International, Inc. or its subsidiaries.

SwiftDecoder Inventory Solution Brief LTR I Rev A I 07/26
© 2026 Honeywell International Inc.

Honeywell

PEAK TECHNOLOGIES