case study

E-Commerce Platform Enhances Efficiency with Unitech Barcode Scanners in High-Volume Inventory Management

Industry
Warehousing

Application
Warehousing & Picking Management

Product
MS852B

Case Description

Our client, a leading e-commerce platform, has a significant presence in Southeast Asia, Taiwan, and Brazil. Renowned for its intuitive and user-friendly mobile application, this entity offers a diverse array of products and utilizes a localized strategy to effectively meet the demands of its extensive consumer base.

The reason to Choose Unitech Barcode Scanners

Given the immense volume of shipments handled, choosing Unitech Barcode Scanners has become essential for enhancing picker efficiency. In the fast-paced environment of e-commerce, where rapid processing and accuracy are paramount, these scanners prove invaluable. They streamline the handling of large-scale shipments, allowing for swift and precise scanning. This efficiency not only accelerates the picking process but also ensures accuracy in order fulfillment.

Challenge & Solutions

In warehousing operations, the efficiency of pickers often suffers due to the use of wired scanners, especially during periods of high-volume shipments. The dilemma with wired barcode scanners lies in their restricted range, especially in warehouse environments that require high mobility, impeding efficient operations when processing large-scale orders.

To tackle this challenge, Unitech provided the MS852B Bluetooth 2D Imager Scanner, engineered for mobility and durability. This wireless scanner pairs effortlessly with a cradle, enabling data transmission via Bluetooth. Additionally, it supports an RS232 cable for seamless integration with picking systems. Utilizing the MS852B streamlines the picking process and significantly boosts operational efficiency. By facilitating direct data transmission to the system and allowing pickers the freedom to move without wire constraints, this solution markedly enhances both the speed and accuracy of order fulfillment in demanding picking management settings.

Benefits

- Wireless design allows movement without restrictions.
- User-friendly with a cradle accessory that supports automatic Bluetooth® pairing.
- Supports most 1D/2D barcodes on mobile screens, including damaged or poorly printed barcodes.
- Supports an RS232 cable for seamless integration with picking systems.
- Long battery life of up to 20 hours on a fully charged battery.
- Durable and rugged design: IP42 waterproof and 2.1-meter drop protection.

MS852B Bluetooth 2D Imager Scanner

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