

RFID Library Solution-Mobile Stock Take Trolley



Solution Overview

To improve stock take efficiency and reduce labor intensity in shelving procedure, HKC has launched the new generation of library mobile stock take trolley, which is based on RFID technology and integrates multi-functions such as stocktaking, searching, shelving and data collecting & processing.

Features

- Able to count the stock of on-shelve books more easily and generate an on-shelve books list
- Able to find out missing books and form a missing list
- Book searching and location information update
- Applied medical mute caster, suitable for passing various types of passages

- Adjustable reading distance of antenna, which can be limited to read certain level of shelf
- Handheld Antenna suitable for stock take of books on high shelves without taking them down
- Book tray can be lifted to reduce labor intensity of shelving
- System can be updated and repaired by simple hardware replace

Technical Specifications

- Size: 920×460×1200mm
- Display: 15" touch screen monitor
- Supported Standard: ISO/IEC 18000-6C, EPC-C0,C1,C2,G2
- Reading Speed: ≥ 160 books/s
- Identification Rate: $\geq 99\%$
- Frequency: 920~925 MHz
- Read Range (Radius): ≤ 75 mm
- Operating Temperature: $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- Operating Humidity: 10%~85%
- Power: 150W
- Communication Interface: USB, RS232, RJ45, 10M/100M Ethernet Adjustable, supporting 802.11b/g Wireless Network Protocol
- Continuous Working Hour: 8 Hours
- Recharging Power Supply: $220\text{V} \pm 10\%$
- Material: High Quality Steel + Aluminum Alloy
- Working Environment: Indoor



Hong Kong Communications Co., Ltd
Block B, 14/F, Vita Tower, 29 Wong Chuk Hang Road, Hong Kong.
Tel: +852 2825 3936
Email: marketing@hkc.net Website: www.hkc.com.hk