



EFFECTIVE LY TRACK AND MANAGE INVENTORY

RFID PORTABLE INVENTORY SYSTEM W870

WISERF RFID Portable Inventory, W870, ergonomically designed battery-powered device rapidly reads multiple RFID-tagged items simultaneously. The handheld designed allows you to capture book information with the wave of a hand.

The new portable inventory model delivers a significant improvement in performance, with an extended read range of up to 32 cm using high-frequency (HF) RFID technology. This represents a substantial upgrade compared to our previous HF portable readers.

In addition, the W870 is equipped with a 6.21-inch industrial-grade, high-sensitivity touchscreen that supports operation with dry or wet hands, as well as while wearing gloves.

The device also features a significant upgrade in battery capacity, equipped with a 6700mAh replaceable battery

alongside a 4500mAh built-in battery. This dual-battery design easily supports all-day, high-intensity operations. Additionally, the replaceable battery can be swapped without powering down the device, ensuring uninterrupted workflow.

The portable reader enable fast, efficiency and accurate inventory of library materials, asset and stock items by its sophisticated antenna design and handy all-in-one unit. Integrated with an industrial Android device lets you easy operate, upload and download data from the circulation database via WIFI connection.

With easy to use touch screen LCD, the system enables to locate mis-shelved and mis-placed books, media, assets and stock items in a faster way. During performing item search function, user would just need to input item ID, with assistance of light and sound, the unit will “BEEP” when item found in range. Volume is adjustable.

RFID PORTABLE INVENTORY SYSTEM

- Android OS 11 with 4G high speed network communication with pistol grip
- Support TF card memory expansion up to 1TB
- Optional with on shelf tagging function by convert barcode ID and call number into RFID tag
- Optional with RFID tag deactivation function
- Report can be saved in *.txt format and can be transferred to server via USB, WIFI or Bluetooth
- Tag lock feature to protect collected repeat data when staff use inventory function
- **WISERF ILS Viewer:** an optional web-based application to enable synchronization with LMS, view and print statistic report on inventory taking, search missing book and mis-shelve book
- Report can be exported to excel, word and pdf format
- **WISERF TrackMaid:** Android App to perform inventory, search, mis-shelved and tagging functions

TECHNICAL SPECIFICATIONS

Dimensions (w x d x h)	97 x 145 x 168 mm
Weight	680g (including battery)
Housing	IP65
Communication interface	USB type-c, USB 3.0, WIFI, Bluetooth 5.0, GPS
Operating Frequency	13.56MHz
Tag Compatibility	ISO15693, ISO18000-3M1
Read range	0 - 32 cm (depend tag size)
Reading rate	Up to 50 tags/s
Operating Temperature	-20°C to 60°C
Battery	Lithium battery 3.85V power supply 4500mAh (built-in) Lithium battery 3.6V power supply 6700mAh (removeable)
Built-in barcode scanner	1D barcode module, Optional: QR code module
Operating System	Android 11
Storage	64GB+4GB / 128GB+6GB (optional)
Display	6.21-inch touch screen, Resolution: 1520 x 720
Processor	8 core 2.0GHz
Camera	16MP (top), 5MP (front)
IP rating	IP67
Accessories	USB cable, Docking cradle
Safety compliance	CE, EMC



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