



# EFFECTIVE LY TRACK AND MANAGE INVENTORY

## RFID PORTABLE INVENTORY SYSTEM W920

WISERF RFID Portable Inventory, W920, 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 high performance of the Portable Inventory enable high speed shelf-reading, shelving, sorting, searching and weeding which as convenience as routine task. The system helps create a more orderly library environment.

The portable reader enable fast, efficiency and accurate inventory of library materials, asset and stock items by performing high speed reading up to 60 books in a second.

The light weight, sophisticated antenna design and handy all-in-one unit deliver the far read range for passive RFID tags up to 12 meters for speedy retrieving missing items. Integrated with an Android mobile computer lets you easy operate, upload and download data from the circulation database via WIFI connection.

With easy to use touch screen display, 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 one or multiple item IDs, with assistance of light and sound, the unit will “BEEP” when item found in range. Volume is adjustable.

During inventory scanning process, user can always pause the scanning anytime and later resume back the scanning without duplicate the inventory records. The system displays item details during the process, such as item ID, item name, and item status. All inventory date can be saved to server in real time.

User able to obtain and generate inventory report via WISERF ILS Viewer, the centralized monitoring and reporting web application, by showing total scanned items, total missing items and total mis-shelf items. All reports can be generated with range od dates, hourly, daily, weekly, monthly, yearly and output to .doc, .pdf, .xls and graphical chart format.

# RFID PORTABLE INVENTORY SYSTEM W920

- Providing both inventory and item search capabilities
- Support memory expansion with memory card slots
- Expandable memory enable to store up to 1 million records
- Optional with on shelf tagging function by convert barcode ID and call number into RFID tag
- 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 TrackMate**: an optional software module to enable synchronization with LMS, view and print statistic report on inventory taking, search missing book and mis-shelve book

## TECHNICAL SPECIFICATIONS

Dimensions (w x d x h)	166 x 83 x 130 mm
Weight	615g (device with battery)
Housing Material	Cast Aluminium & PC
Communcation interface	USB 3.0 type C (OTG supported)
Connectivity	Bluetooth 5.0, WIFI 2.5G/5G Dual band, 4G (optional), GPS, GLONASS
Operating Frequency	Malaysia: 919-923MHz, Thailand: 920-925MHz, Philippines: 918-920MHz, Global frequency configure
Tag Compatibility	EPC Class 1 Gen 2 protocol, ISO18000-6C, ISO18000-6B
UHF Antenna	4dBi circularly polarized antenna
Fastest Read Rate	Up to 200 tags / sec
Operating Temperature	-20°C to 60°C
Battery	6,000mAh hotswapping pistol chargeable li-polymer battery
Accessories	charging cradle
Barcode scanner	2D scanner supports all 1D and 2D symbologies
Operating System	Android 14
RAM / ROM	4GB / 32GB
Expandable storage	Supports up to 128GB Micro SD memory card
Display	5" multi-touch IPS screen, 1280 x 720
Processor	Octa-Core 64-bit Cortex-A55 2.0GHz + a 200M RISC-V Co-processor
Camera	13MP autofocus with flash
Drop spec	Multiple 1.6 meter drops to the concrete (IP64)

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