



SMART, REAL TIME & AUTOMATED

RFID BOOK RETURN SYSTEM

WISERF Book Return system provides powerful automated selfcheck-in that enables patron easily and efficiently in real time. It simplifies the check-in process and eliminate waiting lines and provides book returning service 7 days 24 hours. The system processes fast check-in for immediate reactivate RFID security when a book has returned.

WISERF Book Return featured with user friendly patron service and smart web diagnostic & monitoring module for system administrator. With the flexibility of WISERF library system, our Book Return system available in various models and modules to meet requirements from libraries.

Furnished with touch screen technology, book return system provides enhanced interactive services to the patrons. With assistances by animation interface and voice-instruction, patrons could quick complete transactions with simple steps. The system provides advertisement slot

which allows uploading advertising images, and announcements.

Patron is not required to scan ID card for using book return service. But should there been necessary, an ID verification scanner can be fitted as optional component. When patron choose to scan ID card when using the service, the system able to display patron name, patron ID and optional with fine & fee amount (only via NCIP protocol).

HYBRID BOOK RETURN

Hybrid RFID Book Return are available for the libraries have yet to be fully implement RFID technology. It able to de-activate or re-activate RFID tag & EM strip in single step.

RFID BOOK RETURN SYSTEM

- + Enables fast book returning in real time
- + Complies with SIP2, NCIP and API
- + Provides 7 days 24 hours book return service
- + Choices of wall mounted or kiosk finishing

- Real time updates transaction data to LMS via SIP2 or NCIP and process tag activation in single step
- With built-in RFID reader, patron can return book by placing it in any direction
- **Offline processing:** system still able to work in offline mode during network down and auto-update all offline transactions to LMS when network back to online
- **Multilingual interface:** English, Malay, Thai, Chinese, Tamil, Arabic, etc.
- Voice guide feature: built-in speaker to provide multi language voice instruction options
- System able to display returned book ID, title, author and optional with book cover image
- Built-in book bin full level sensor and alert feature
- Real time displays the quantity of item returned in book bin and obtain book-in-bin list
- On hold book feature: send message/email alert to inform
- Book Rejection feature: auto reject unauthorized return item
- Built-in up to 2 cameras to capture patron image and book image during all transaction activities. The captured image will be stamped with transaction details, such as date, time, patron ID, patron name, station ID, book ID
- **Smart Alert feature:** In the event of any hardware failure or printer out of paper, system will send alert message (on-screen alert, email alert, smart phone alert, Line Notice or Line Service) to system admin immediately
- Remote scheduled automatic restart, startup and shutdown
- Receipt: print receipt or sending E-receipt to patron email account / LibraryPal



WISERF ILS PRO WEB VIEWER

- Real time displays date, time, station ID for all transaction activities, patron image, hardware health check
- Enable to search, view and print book check-in report with details information
- Export to csv, word, excel, pdf and graphical chart format by hourly, daily, weekly, monthly and yearly
- User level access to web report by login ID and password



TECHNICAL SPECIFICATIONS

	Standard Series		ECO Series
	W380	W390	W380/W390-ECO
Dimensions (w x d x h)	Wall mounted type : 760mm (W) x 1675mm (H) x 1100mm (L) Mobile Kiosk type : 790mm (W) x 1380mm (H) x 600mm (L)		-- 790mm (W) x 1240mm (H) x 600mm (L)
Material	Steel, Powder costed with scratch resistance		
Power requirement	220-240V AC / 50-60Hz		
Operating temperature	-20°C to 60°C		
Communcation interface	Ethernet (TCP/IP)		
Operating Frequency	13.56MHz	Malaysia: 919-923MHz Thailand: 920-925MHz Philippines: 918-920MHz Indonesia: 923-925MHz	W380-Eco: 13.56MHz / 919-923MHz, W390-Eco: 919-923MHz, 920-925MHz, 918-920MHz, 923-925MHz
Tag Compatibility	W380 & W380-Eco: ISO15693, ISO18000-3 W390 & W390-Eco: EPC Class 1 Gen 2, ISO18000-6C		
Protocols	SIP2, SIP2+ extension, SIP2 over HTTPS, NCIP, API		
System components	Standard: 22" Capacitive Touch industrial computer (Intel i5 processor, 8GB RAM, 240GB SSD, Win11 Pro), 5 megapixels kiosk camera, RFID reader, auto-cut thermal printer ECO : 12" Capacitive Touch industrial computer (Intel i3, processor, 4GB RAM, 256GB SSD, Win11 Pro), 5 megapixels kiosk camera, RFID reader Optional: Mifare card reader ISO14443A, national ID card reader, fingerprint reader, face recognition reader, book camera, upgradeable to 1TB hard disk, speaker, EM module		
Book Chute	Auto shutter door with lock, book conveyor, safety sensors		
Metal Book bin	600 x 790 x 800mm with protection floating tray		
Optional features / Expandability	UPS backup battery, expandable to book sorting system (wall mounted model only)		
Standards compliance	ETSI EN 301 489-1, ETSI EN 300 220-2, MCMC MTSFB TC T007:2004, CE, FCC		

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