



**SELF-SERVICE, HASSLE FREE,
FAST CHECKOUT**

RFID SELF-CHECK KIOSK SYSTEM

WISERF introduces the latest state-of-art Selfcheck kiosk. The system works seamlessly with RFID and electromagnetic (EM) as easy and affordable. The system offers sleek, user-friendly designs floor standing kiosk as well as table top option. WISERF selfcheck system supports patron self-service for checking materials out and in, paying fines, and more for library collections that includes materials fitted with RFID Tags. The system processes multiple items by discharging RFID security bit and check-out simultaneously by placing items in any direction. The system performs good detection within controlled zone to eliminate exposure detection.

Furnished with touch screen technology, selfcheck system provides enhanced interactive services to the patrons. With assistance by animation interface and voice-instruction, patrons could quickly complete transactions with simple steps within seconds. The system provides advertisement slot which allows library staffs uploading images, video and

announcements easily. With capability of integration with Library Management System, Selfcheck allows patron to borrow books based library policy. If a Red-spot book or closed shelf book is presented at Selfcheck, the system will process borrow restriction and display message to inform patron for contacting librarian.

EM AND HYBRID SELF-CHECK

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

PERFORMS AS OPAC KIOSK

Selfcheck system can be customized as OPAC kiosk that library users searching book information by browsing and searching, online book reservation, renewal and patron account details checking. System can display hot / recommended books on screen.

RFID SELF-CHECK KIOSK SYSTEM

+ Quick check-out / check-in / renewal

+ Complies with SIP2, NCIP and API

+ Interactive animation & multilingual interface

+ Receipt printer and out-of-paper alert

- **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
- **Authentication:** 1D/2D barcode scanner (decoable QR code on card and on phone) / smart card reader / fingerprint reader / mifare card reader / face recognition reader as patron authentication
- User login PIN feature (user can change PIN at user interface): 4 to 12 digit pin number, alphanumeric password
- During check-out process, system able to display patron's ID, name, image, fee due, total borrow book quantity, borrow limit, check-out book ID, title and due date
- Optional feature: system able to display detected book list and let patron to select for confirm transaction
- System able to display checked-out item list for patron to select which item to renew without present of the books
- Built-in surveillance camera to capture patron image during all transaction activities. The captured image (stored in hard disk) will be stamped with transaction details, such as date, time, patron ID, patron name, station ID, book ID
- **Patron Block feature:** System can block patron from borrowing follow library policy, such as patron has fine owed or the book is not allow to borrow. Message will be displayed on screen.
- **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 paper:** print or not print option, sending e-receipt via email template created by library
- **Multilingual:** English, Malay, Chinese, Thai, Indonesia, etc. All welcome and instruction messages can be edited by library

WISERF ILS WEB VIEWER

- Real time displays date, time, station ID for all transaction activities, patron image, hardware health check
- Search, view and print transaction activities with range of dates, hourly, daily, weekly, monthly, yearly
- Export to csv, word, excel, pdf and graphical chart format by hourly, daily, weekly, monthly and yearly
- Report language: English, Thai, Malay, Chinese, and others
- User level access control for generating reports
- Allows upload video files, welcome messages, new arrival & recommended books



TECHNICAL SPECIFICATIONS

	W100	W150	W100-H / W150-H
Dimensions (w x d x h)	400 x 245 x 1570mm	400 x 245 x 1570mm	400 x 245 x 1570mm
Weight (kg)	60	60	65
Material	Kiosk Body: Steel, Powder coated with scratch resistance Book cradle: Acrylic & tempered glass (optional: transparent, opaque, matt polish finishing, LED light)		
Power requirement	220-240V AC / 50-60Hz	220-240V AC / 50-60Hz	220-240V AC / 50-60Hz
Communcation interface	Ethernet (TCP/IP)	Ethernet (TCP/IP)	Ethernet (TCP/IP)
Operating Frequency	13.56MHz	Malaysia: 919-923MHz Thailand: 920-925MHz Philippines: 918-920MHz	W100-H: 13.56MHz + EM W150-H: 919-923MHz + EM 920-925MHz + EM 918-920MHz + EM
Tag Compatibility	ISO15693, ISO18000-3	EPC Class 1 Gen 2, ISO18000-6C, 860-960MHz	W100-H: ISO15693 W150-H: EPC C1G2,ISO18000-6C
RFID Read Range within 30s (cm)	0 - 25	0 - 100 (Configurable)	0 - 25 (Configurable)
System components	Standard: 22" Touch FHD monitor@1920x1080, mifare card reader ISO14443A, 5MP autofocus wide angle web camera, front load auto-cut thermal receipt printer, industrial computer (Processor i5, 8GB RAM, 256GB SSD, Win 11), Stereo speaker Optional: 24" Capacitive Touch monitor@1920x1080, 1D/2D barcode scanner, national ID card reader, fingerprint reader, face recognition reader, industrial computer with processor i7, 8GB RAM, 256GB / 500GB / 1TB SSD, Win 11)		
Optional features / Expandability	UPS backup battery, sliding keyboard, Touch N Go, Prompt Pay, ATM Bank card pin pad, Note Acceptor, Magnetic swipe reader, Book barcode scanner, kiosk castor, book bin		
Standards compliance	ETSI EN 301 489-1, IEC 60950, ETSI EN 300 220-2, MCMC MTSFB TC T007:2004, CE, FCC		

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