



ENHANCES CIRCULATION DESK OPERATION

RFID SMART DESK SYSTEM W250

WISERF RFID SmartDesk, as a multifunction device for librarian to enhance the circulation desk operations by a quick check out and check in process. The system provides both RFID tag reading and writing functionality in any direction and the reader can be easily installed on or in staff counter.

Smart Desk is a shielded design with integrated RFID reader and antenna presents a ergonomic and light-weighted workstation for library circulation staff. It eliminates staff repetitive works with performing identification and security operations with single pass of items over the reader.

The system provides fast handling with eliminating open and close CD/DVD case. It provides single step interface architecture with the choice of synchronized keyboard hot key feature or auto mode selection (check in or check out). The system also can be run in background with no additional interface and perform auto check-in and check-out.

The system works as keyboard wedge to read item ID from RFID tag and transfer data to LMS for check-out, check-in and renewal processes. With anti-collision capability, librarian can process multiple materials simultaneously by simply passing them over the reader without the need to locate the barcodes.

RFID Smart Desk performs as tagging station which enable librarian to process barcode-to-RFID tag conversion by programming the ID, call number, book title, location code into RFID tag. With no additional setting required, user can switch circulation function to tagging function easily. The system optional with program additional information function into RFID tag such as author, year of publication, ISBN/ISSN etc.

SYSTEM FEATURES

- Able to work with any Automated Library Database System via SIP2 / NCIP protocol. Certified successful connected with Symphony, VIRTUA, KOHA, Walai AutoLib, ILMU, Libsys, Sierra, UlibM, Destiny, ALIST, iLIB, Buklod, Folio, ALMA, TLC, Atrium
- Option to install the system at counter (wood, acrylic, glass, laminate material) to fit library interior design
- Able to operate with/without connect to LMS (offline/online mode)
- Verifies RFID tag status whether security bit is ON or OFF
- Complies with security mode EAS, AFI, DSFID or EAS+AFI+DSFID
- Manual activate and deactivate RFID tag security bit
- Operation model: Host mode (auto mode), standalone mode (manual mode)
- Displays alert message and sound when tagging error
- Supports unicode text format and text-to-speech function for announcement functions
- Displays tagging status: successful or failed
- Verifies tag data via SIP2 and NCIP connection
- ILS Viewer - provides centralized monitoring and reporting web application for viewing and generate circulation and tagging reports
- Reports can be exported by date, month, year in Word, Excel and PDF format

TECHNICAL SPECIFICATIONS

Dimensions (w x d x h)	315 x 315 x 53mm
Weight (kg)	1.6 - 2.5
Material	Aluminium, Acrylic, Tempered glass
Enclosure color	Silver, Black
Communication interface	RS-232 / USB 3.0
Operating Frequency	Malaysia: 919-923MHz, Thailand: 920-925MHz, Philippines: 918-920MHz, Indonesia: 920-923MHz, Global frequency configurable
Tag Compatibility	EPC Class 1 Gen 2 protocol, ISO18000-6C
Read range (cm)	0 - 100 (configurable)
RF Power	25W (adjustable)
LED Light indicator	Power, system status
Compatible OS	Windows 10, 11
Optional components	Barcode scanner, Smart Card reader, Thermal Receipt Printer, Computer, Webcam

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