

PROTECT LIBRARY MATERIALS USING RFID

RFID DETECTION SECURITY GATE SYSTEM W500

WISERF RFID Detection Gate System able to detect the items that have not been properly checked-out with enhanced reading speed and long range detection. With RFID High Frequency (HF) technology, the system able to trigger an alarm and identify the item immediately.

The RFID gate system able to operate as standalone system without connect to network or any application. With offline processing feature, the system detects RFID-tagged items by verifying tag security bit status during network down.

With optional module, it provides item identification function that enables librarians to identify the exact item ID that have improperly checked out or stolen to facilitate reorder. It detects all tagged library resources inclusive books, audio cassette, CD/DVD and video tape without causing any affection to the library resources.

User able to view alarm events, date & time, item ID, book title and station ID in real time. With ILS Viewer Web Report, user able to generate analytical reports and statistics.

The system complies with America Disable Act (ADA) standard that providing at least 90 cm aisle width to allow wheel chair passing through. With additional module, the system able to achieve wider aisle width which is up to 160 cm to allow wide trolley or a big group of visitors to pass through.

The RFID gate W500 is option with a network camera to provide the intelligent function that auto capturing patron image if the patron has triggered an alarm with non-checkout book.

The gate can be integrated with access control system such like pedestrian barrier or door magnetic system to block patron exit from library if gate alarm has been triggered.

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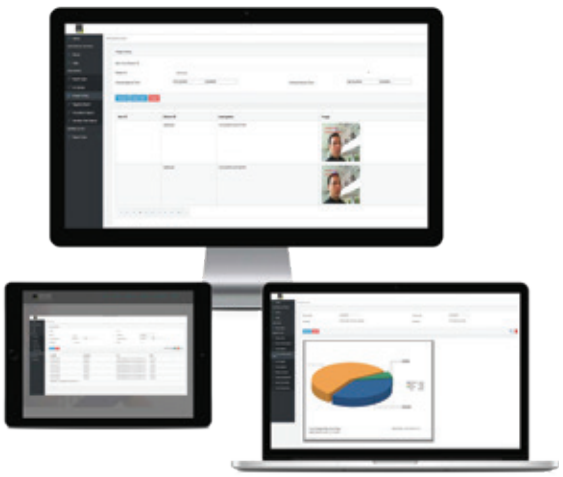
- Enhanced 3-Dimensional detection
- Audible and visible alarm
- Complies with SIP2, NCIP and API
- Option with object sensing mode to enable system active when patron pass through the gate





WISERF ILS VIEWER

- Real time displays date, time, station ID when gate alarm has been triggered
- Displays item ID and title for easy identification
- Real time alarm counting and patron counting
- Enable to search, view and print alarm event with details information
- Export to word, excel, pdf and graphical chart format
- Enable to search, view and print alarm event with captured image



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TECHNICAL SPECIFICATIONS

	Standard	Premium
Dimensions (w x d x h)	15 x 600 x 1760mm	20 x 700 x 1900mm
Weight (kg)	23.5 per panel	25 per antenna
Material	Panel: Poly Methyl Meth Acrylate (PMMA) Plexi Glass Base: Aluminium and steel	
Power requirement	110-240V AC / 50-60Hz	110-240V AC / 50-60Hz
Communcation interface	USB, Ethernet (TCP/IP)	USB, Ethernet (TCP/IP)
Operating Frequency	13.56MHz	13.56MHz
Tag Compatibility	ISO15693, ISO 18000-3-A, ISO 18000-3M3 (Upgrade code required), NXP I-Code 1	
Aisle width (cm)	90 - 120	90 - 160
Height of detection (cm)	Up to 200	Up to 200
LED Light indicator	Alarm, system status Blue / Red / Green	Alarm, system status Blue / Red / Green
Optional accessories	Patron counting sensor, LCD display, People counting camera PCS-25, UPS backup battery	
Installation	Direct attachment to the floor with or without conceal floor wiring, Baseplate option	
Standards compliance	ETSI EN 300 220-2, MCMC MTSFB TC T007:2004, ETSI, FCC, IC, UL 62368 and EN 62368-1	

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