

RFID DETECTION SECURITY GATE SYSTEM W550

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 Ultra High Frequency (UHF) technology, the system able to provide high detection rate up to 95%.

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.

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 in any direction inclusive books, audio cassette, CD/DVD and video tape with any direction (vertical, horizontal and diagonal) without causing any affection to the library resources.

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

The system offers flexible finishings that meet various of requirements. It either to be delivered in gate panel to form security walkways or in gantryless finishing that to be wall / ceiling mounted to a non-metallic door frame or cabinet.

The RFID gate W550 is option with an integrated smart 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 as pedestrian barrier or door magnetic system to block patron exit from library if gate alarm has been triggered.

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RFID DETECTION SECURITY GATE SYSTEM W550

- 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



W550 Standard



W550 Gantryless



W550 Transparent

WISERF ILS PRO WEB VIEWER

- Real time displays date, time, station ID when gate alarm has been triggered
- Displays all borrowed and not borrowed 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 by range of dates, hourly, daily, weekly, monthly, yearly
- Export to word, excel, CSV, PDF and graphical chart format
- Enable to search, view and print alarm event with captured image
- User level access to web report by ID and password protection
- Compatible with Windows 7, 10, 11



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TECHNICAL SPECIFICATIONS

	Standard	Transparent	Gantryless
Dimensions (w x d x h)	65 x 760 x 1700mm	90 x 670 x 1800mm	400 x 1050 x 90mm
Weight (kg)	28 per panel	25 per panel	8
Material of antenna	Aluminium enclosure Acrylic	Aluminium enclosure Acrylic	Aluminium enclosure Acrylic
Power requirement	110-240V AC / 50-60Hz	110-240V AC / 50-60Hz	110-240V AC / 50-60Hz
Communcation interface	Ethernet, WiFi 802.11 b/g/n		
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, Dense Reader Mode available (Class 3 Gen2)		
Aisle width (cm)	Up to 300 (dependant on various RFID tags)		
Height of detection (cm)	Up to 300 (dependant on various RFID tags)		
LED Light indicator & buzzer	Alarm & system status, color of light is changeable via setting		
Alarm sound	Buzzer or digital audio file, changeable via setting		
Patron counter	IR sensor	IR sensor (Optional with AI People Counting Camera PCS-25)	N/A
RF power and gain	25 dBm / 6 dbi		
Antenna Polarization	Circular		
Processing Controller ports	GPIO, LPT, RS-232, RS-485. USB 2.0, USB 3.0, 256 watchdog timer, power-in auto boot up, scheduled auto boot up, remote control boot up		
Installation	Direct attachment to the floor with or without conceal floor wiring, Baseplate option		
Standards compliance	CE, FCC, ETSI EN 301 489-1, IEC 60950-1, ETSI EN 300 220-2, MCMC MTSFB TC T007:2004, RoHS		

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