



# HYBRID SECURITY SYSTEM ADAPTIVE, FLEXIBLE SOLUTION

## RFID HYBRID DETECTION SECURITY GATE SYSTEM

WISERF RFID Hybrid Detection Gate System able to detect the items that have not been properly checked-out regardless the library material is tagged with either EM strip or RFID tag. With integrated both technologies that commonly use in library sector, Electromagnetic and Radio Frequency Identification, the system able to provide adaptive and flexible security solution for libraries.

The RFID hybrid gate system able to operate as standalone system without connect to network or any application. With offline processing feature, the system detects either EM strip-tagged or RFID-tagged items by verifying tag security bit status during network down. It detects all tagged library resources in any direction inclusive books, audio cassette, CD/DVD and video tape without causing any affection to the library resources.

The hybrid system is recommended for the libraries that are in a transition period from using EM security solution towards RFID security solution.

The hybrid gate 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.

# RFID HYBRID DETECTION SECURITY GATE SYSTEM

+ Enhanced 3-Dimensional detection

+ Complies with SIP2, NCIP and API

+ Audible and visible alarm

+ Option with object sensing mode to enable system active when patron pass through the gate



W500-H



W502-H



W550-H

## WISERF ILS WEB 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



# TECHNICAL SPECIFICATIONS

	W500-H	W502-H	W550-H
Dimensions (w x d x h)	20 x 815 x 1500mm	20 x 700 x 1859mm	65 x 700 x 1700mm
Weight (kg)	35 per panel	38 per antenna	38 per antenna
Material	High density clear PMMA 20mm plexiglass, weather and UV resistant, 92% light transmission, stainless steel base		Personalized acrylic panel, aluminium frame
Power requirement	220-240V AC / 50-60Hz	220-240V AC / 50-60Hz	220-240V AC / 50-60Hz
Communication interface	Ethernet (TCP/IP)	Ethernet (TCP/IP)	Ethernet (TCP/IP)
Operating Frequency	13.56MHz, EM 366Hz	13.56MHz, EM 366Hz	860-960MHz, EM 366Hz
Tag Compatibility	ISO15693, 180000-3 Market standard EM strip	ISO15693, 180000-3 Market standard EM strip	EPC C1G2, ISO18000-6C Market standard EM strip
Aisle width (cm)	Up to 90	Up to 90	Up to 90
Height of detection (cm)	Up to 150	Up to 185	Up to 170
Alarm indicator	Alarm buzzer & LED light	Alarm buzzer & LED light	Alarm buzzer & LED light
Patron counting		Optional with choice of internal and external counter	
Installation		Direct attachment to the floor with or baseplate option	
Standard compliances		CE, FCC, EMC	

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# WISERF

[www.wiserf.com](http://www.wiserf.com)



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