

# RFID DETECTION SECURITY SYSTEM W552

The WISERF RFID Detection Gate System W552 is a new and enhanced gantryless RFID security detection system designed to efficiently detect library items that have not been properly checked out. With its enhanced RFID reading speed and long-range detection capability, the W552 provides reliable and effective protection for library resources.

Featuring a renewed architectural design, the W552 comes with a lightweight and compact enclosure that offers a modern and space-efficient solution for library entrances. The system is further enhanced with an integrated 14-inch LCD touch display, which serves as a public announcement and information display.

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.

Featuring with ILS Viewer WebApp that provides pop-up alarm notification, live view and generate alarm event listing and statistic reports.

The RFID gate W552 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.

WISERF®

Inspiring Library Innovation

# WISERF ILS 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
- As centralized web-based real time monitoring on alarm events, patron counting, tagging & circulation reports etc
- 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 10, 11 and macOS



# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Dimensions (w x d x h) | 625 x 345 x 167mm |
| Weight (kg) | 6 |
| Material | Aluminium profile outer frame, Acrylic |
| Color | White enclosure, Black Acrylic |
| Power requirement | 110-220V AC / 50-60Hz |
| Power consumption | 25W |
| Communcation interface | Ethernet, USB, WiFi |
| Operating Frequency | Malaysia: 919-923MHz, Thailand: 920-925MHz, Philippines: 918-920MHz, Global frequency configurable |
| Operating Protocols | EPC Class 1 Gen 2 protocol, ISO18000-6C |
| Integration Protocols | SIP2, NCIP, API |
| Tag compatibility | NXP UCODE, Impinj, ST25Series, FM13, FM11series |
| Detection range (cm) | Up to 200 (depending RFID tag and environment) |
| Security mode | EAS, AFI, DSFID, EAS+AFI+DSFID |
| LED Light indicator & buzzer | Alarm & system status, color of light is changeable via setting |
| Alarm sound | Buzzer, voice notification, changeable via setting |
| Patron counter | Optional with people counting camera PCS-25 |


**Head Office & Factory:**
32, Jalan Bagan Nira 26/8,
Section 26, Hicom Industrial Park,
40400 Shah Alam, Selangor.
Tel: +603-5886 0628

**Philippines Sales Office:**
Unit 806 Antel Global Corporate Center
3 Dona Julia Vargas Avenue,
Ortigas Pasig City, 1605 Metro Manila.
Tel & Fax: +639-989 905452

**Thailand Sales Office:**
76/76, Chaeng Watthana Road,
Anusawari, Bangkhen, 10220
Krung Thep Maha Nakhon.
Tel: +662-040 0409
Fax: +662-494 9104

**Indonesia Sales Office:**
The Mansion Boungenville - Office
Tower Fontana,
Jl. Trembesi blok D, Pademangan Tim.,
Kec. Pademangan
Jakarta Utara 14410
Tel: 082 3535 8007


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www.wiserf.com

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