



HIGH SPEED ACCESS CONTROL REAL TIME PEOPLE ACCESS MONITORING

PEDESTRIAN BARRIER GATE SYSTEM

WISERF Pedestrian Barrier System is an intelligent entrance control equipment with contactless entrance inspection. The barrier system is controlled by multigroup sensors granting access through its transparent gateway.

Built-in with high quality DC and Servo motors and ISO certified micro controller, WISERF pedestrian barrier system able to operate in controlled access mode, free access and lane closed mode. It can be defined as either single or dual directional operation.

The barrier system built-in with up to 10 IR sensors that able to perform the functions below:

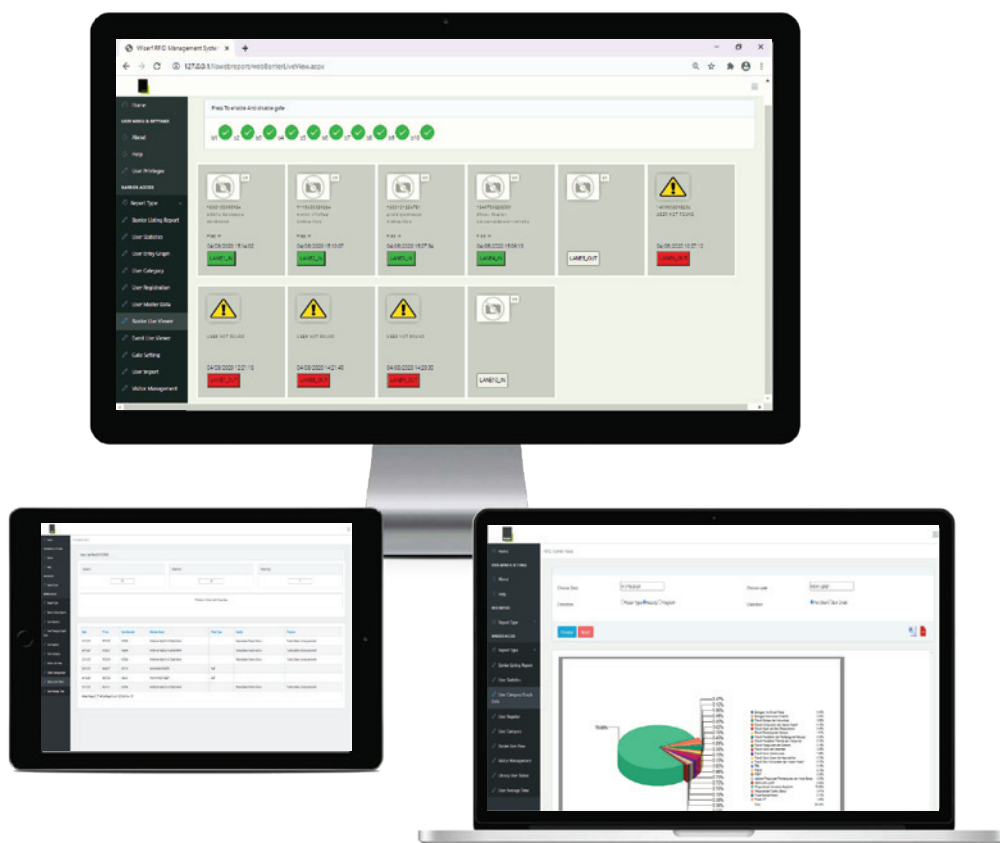
- Tailgating and anti-reverse alarm
- Anti-pinch: flap will not close if there is person or object still inside the barrier walkway
- Illegal entry alarm
- Automatic reset function: after reading a valid card, if user does not pass within the barrier walkway within specified time (default 5 sec, configurable), the system will automatically clear the user access rights to pass

- Standard fire alarm input interface, the gate will freely open in case of fire

The barrier system featured with orientation pictogram LED indicator for passage direction. Barrier flap open and close speed is adjustable. Remote control button allows to manually control flap open for exception access.

WISERF Pedestrian Barrier Gate system can be integrated with any security gate or door access system to block person exit from a library if the RFID gate alarm has been triggered.

Barrier Gate operational direction is switchable. System administrator can switch the ENTRY lane to EXIT lane. LED light indicator is configurable.



INTEGRATED PEOPLE TRACKING MANAGEMENT WEB BASED CENTRALIZED APPLICATION

WISERF ILS Viewer is a scalable enterprise security people tracking web-based management software that is the central command and control center for library and commercial building. Integrated subsystems include pedestrian barrier gate system, disable lane, visitor management, RFID tracking solutions and access control card reader, providing a totally seamless security and tracking management solution.

KEY FEATURES

- Import and export user database by txt, excel, csv format
- Create, edit and delete user details with unlimited user capacity
- Management module and database user security level access: system admin and staff
- Integrated with LMS, Active Directory or any other third party database via SIP2, NCIP, API, LDAP, ODBC for user ID verification and authentication
- User block function - if there is fee due, ID expired, invalid or blacklisted user (based on library or building management policy)
- Anti-passback function
- Compatible with Windows 11 or latest version

ANALYTICAL STATISTIC & REPORTS

- Real time search, view and print statistic reports
- Real time view and print access record, visitor counts, rejected counts and statistic such as how many times they visited the building, how long they stayed in the premise
- Generate report statistic by date, time, lane ID, user ID, user image, user type, faculty, department, visitor or staff etc
- Report format is customizable upon request and exportable in text, word, excel, csv, pdf, graphical chart by range of dates, hourly, daily, weekly, monthly, yearly
- Report language: English, Malay, Thai, and others
- New user card and visitor card issuer
 - a. Integrated with mifare card reader / barcode scanner / national card reader / proximity reader to extract user details*
 - b. Integrated with web camera to capture user image*
 - c. Integrated with thermal receipt printer to print visitor slip (format customizable)*
- Activate or deactivate user card
- Event and system logs

PEDESTRIAN BARRIER GATE MODEL

Integrated with various of Authentication Readers:

- + Mifare card reader (13.56MHz, ISO14443A, ISO15693)
- + National card reader
- + Proximity reader
- + QR code scanner (able to decode from mobile phone)
- + Face Recognition reader



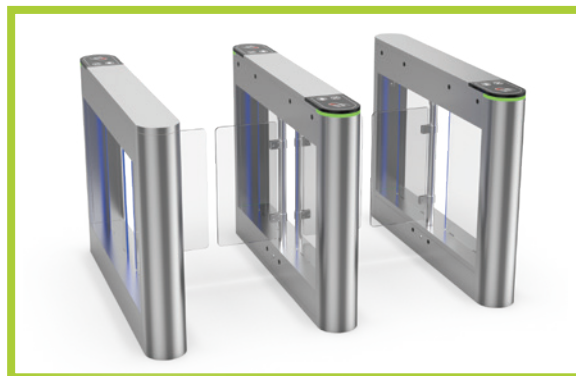
Retractable Barrier WG-5

Heavy Duty, Rust proof and Durable
Suitable for high traffic entrance



Swing Flap Barrier WG-12

Slimline and stylish with LED light
Low noise operation



Swing Flap Barrier WG-7

Slimline and stylish with LED light
Low noise operation



Outdoor Swing Barrier WG-15

IP rating 55 suitable for outdoor environment
Low noise operation, stylish with LED light



Turnstile Tripod WTG-35

Auto-rotate back to idle position
Anti-panic folding arm function

TECHNICAL SPECIFICATIONS

	WG-5	WG-12	WG-7	WG-15	WTG-35
Dimension in mm (wxdxh)	280x1400x1000	120x1600x1000	180x1400x1000	210x1600x100	280x1230x1020
Material	Hairlines brushes stainless steel grade SUS 304				
Material Thickenss (Top)	1.5mm thickness	2.0mm thickness	1.5mm thickness	2.0mm thickness	1.5mm thickness
Material Thickenss (Body)	1.5mm thickness	1.5mm thickness	1.0mm thickness	1.5mm thickness	1.5mm thickness
Motor	24V Brushless DC	24V Servo Motor	24V DC Motor	24V Servo Motor	24V DC Motor
MCBF	20 million times	20 million times	3 million times	10 million times	7 million times
Power requirement	220-240V AC / 50-60Hz				
Communcation interface	Ethernet (TCP/IP), RS485				
Flap thickness (mm)	15mm acrylic	10mm acrylic	10mm acrylic	10mm acrylic	stainless steel arm
LED light at Flap	Green/Red/Blue	Green/Red/Blue	Green/Red/Blue	Green/Red/Blue	Not applicable
IR Sensor	3 pairs (Optional: 4 pairs)	10 pairs (Optional: 12 pairs)	6 pairs (Optional: 6 pairs)	10 pairs (Optional: 12 pairs)	Not applicable
Aisle width (mm)	500 - 550	600 - 1100	550 - 1050	600 - 1200	520 - 550
Flap speed (per minute)	35 persons	40 persons	35 persons	40 persons	25 persons
Flap opening/close period	Default: 10 seconds (adjustable based on user requirement)				
Operation Response time	0.2s	0.3s	0.5s	0.5s	0.5s
Reader Controller	Intel processor i5/i7, 4GB/8GB memory RAM, 240GB/500GB SSD storage 4 x USB 2.0, 4 x USB 3.0, 6 x COM, 2 x LAN, 1 x VGA, 1 x HDMI, 2 x WIFI, 8 x relays (extensible)				
Protection Level	IP42	IP42	IP54	IP55	IP53
Standards / Certification	CE	CE	CE	CE	CE
Accessories	UPS backup battery, Remote controller (effective range up to 30 meters)				

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