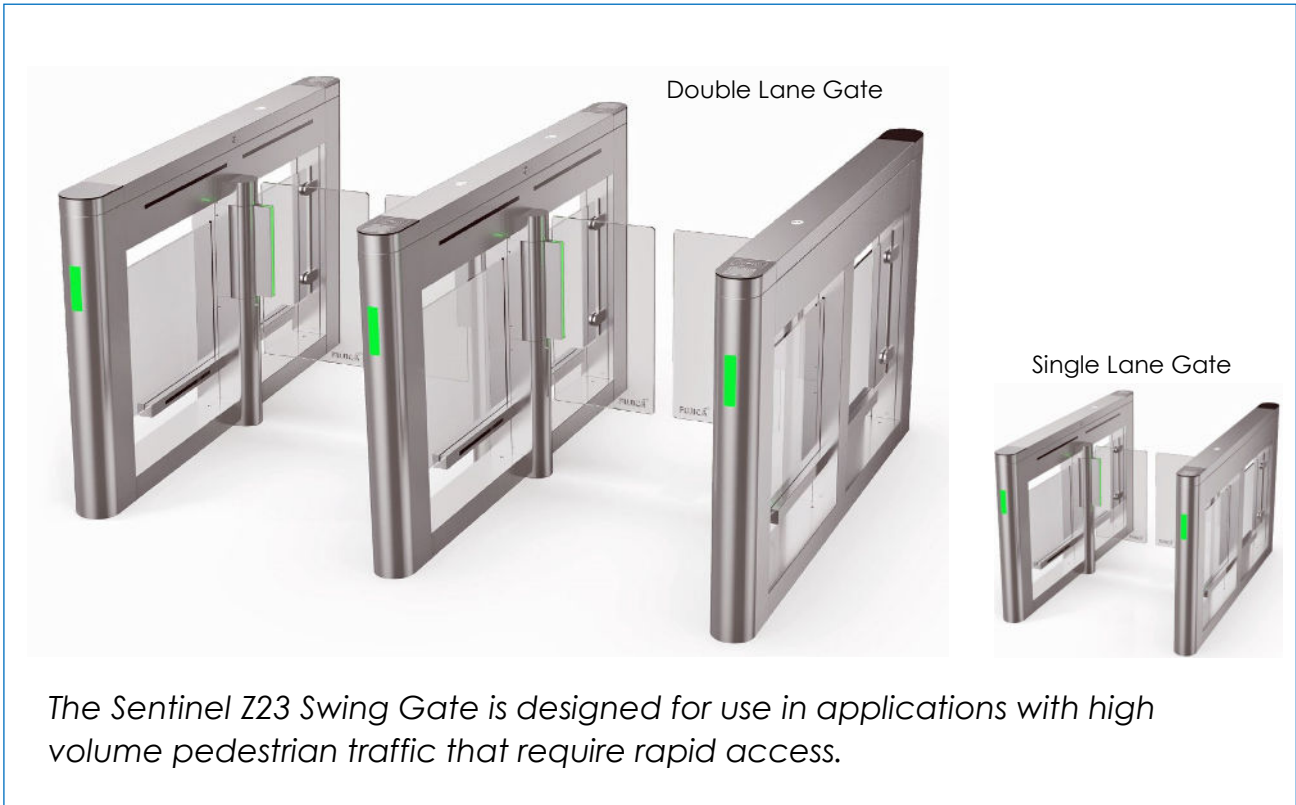


# Sentinel Z23 Fast Access Swing Gate

High speed, safe and secure pedestrian access



The Sentinel Z23 Swing Gate is designed for use in applications with high volume pedestrian traffic that require rapid access.

The Z23 intelligent swing gate uses the brushless DC motor and servo control technology, which is characterized with good synchronism, stable operation, and a low failure rate.

In addition, the product is designed as a module as a whole, and has diversified gate opening manners expanded to face recognition, card swiping, QR code, and ID card, etc.

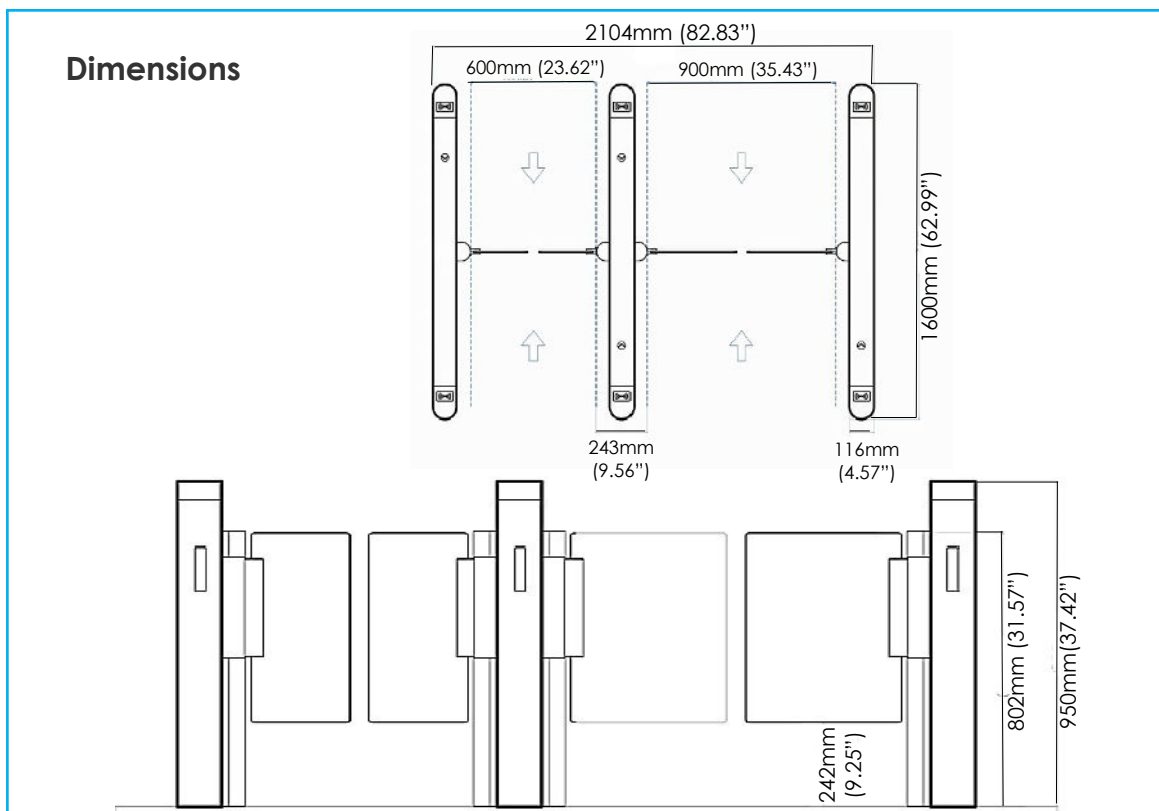
With a simpler structure and easier maintenance, the product is widely applied to different indoor and outdoor sites such as airports, office buildings, factories, railway stations, customs, and docks.

## The Sentinel Z23 Swing Gate features include:

- **Stable and efficient motor:** Brushless DC motor, strong power, integrated core design, wear resistance and noise reduction, and stability and efficiency.
- **Acousto-optic interaction:** Anti-tailing and anti-trespassing, and audible and visual warning prompts, to ensure access legality and effectiveness
- **Diversified access permissions:** Diversified access permissions, and expandable to face recognition, IC card swiping, QR code, and ID card swiping, etc.
- **Automatic management functions:** Integrated automatic reset, unlocking when being powered off self-check when being powered on, zero point correction, etc.
- **Intelligent security protection:** Multiple intelligent anti-pinch technologies, as well as the partition detection and fuzzy algorithm, to effectively protect pedestrians.

## Technical Specifications

Specification	Sentinel Z23 Swing Gate
Body Material	304 stainless steel
Gate Material	Tempered glass or acrylic
Dimensions (L*W*H)	1,600*116*950mm
Lane Width	600-1,150mm
Gate Interception Height	800mm
Gate Height from the Ground	240mm
Power Supply	AC 220V/110V±10%, 50/60HZ
Device Power	The motor power is 40W and the total power is 100W
Access Speed	20 persons/min when normally closed, 40 persons/m when normally opened
Open-closing Speed	0.5s-1.5s adjustable
Detection Method	Photoelectric switch
Number of Electric eyes	10
Communication Interface	Serial port and multi-channel I/O interface
Communication	RS485 and TCP/IP
Noise	≤65dB
Working Temperature	-25°C to +70°C
Working Humidity	≤90%, no condensation
Protection Class	IP54
Working Environment	Indoor and outdoor



Rotech supply all forms of door and gate automation

### Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

### Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

Fast | Safe | Secure

For more information: t: +61 07 3205 1123 | [www.rotech.com.au](http://www.rotech.com.au) | e: [info@rotech.com.au](mailto:info@rotech.com.au)

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