



INTELLIGENT ACCESS
FOR A SAFER TOMORROW

SPEED GATE TURNSTILE

TS-SG-500

DATASHEET

Modern Access Control
for a **Smarter World**



SECURE
ACCESS

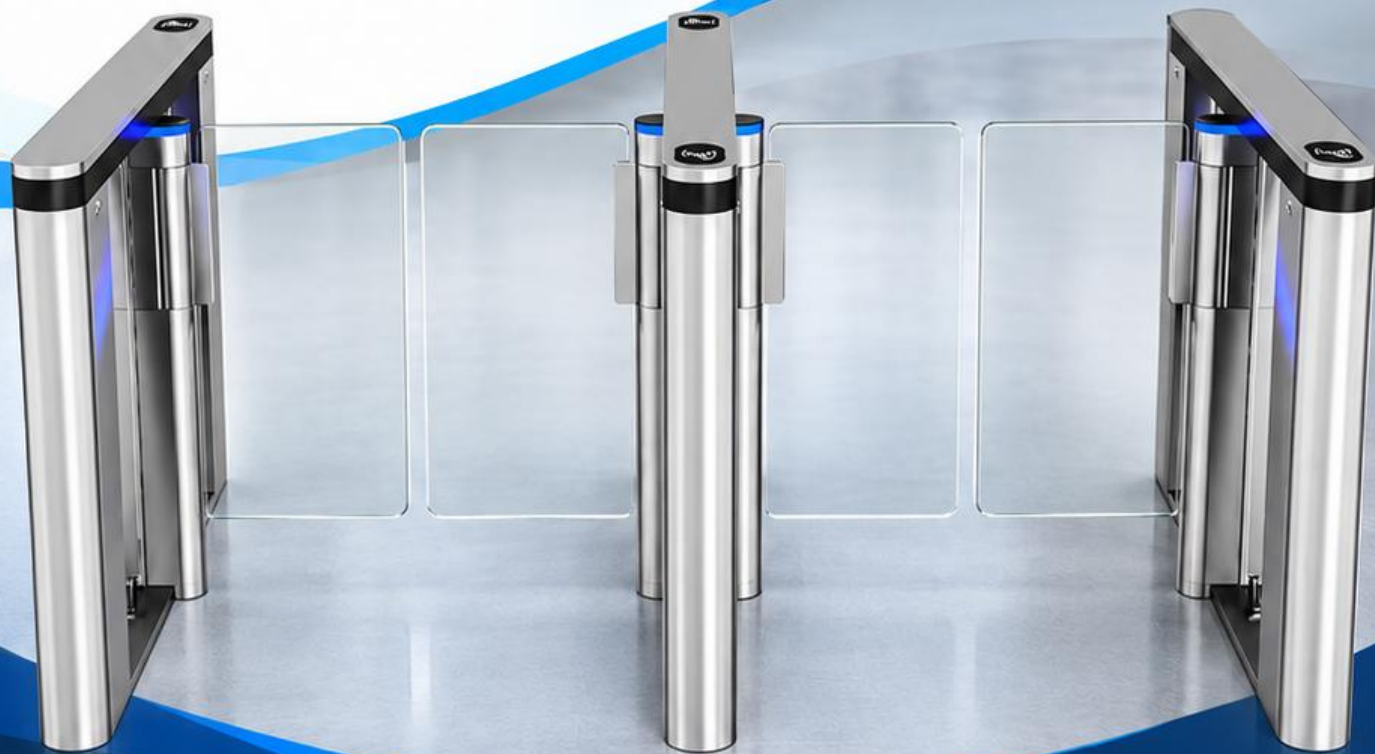


RELIABLE
PERFORMANCE



MODERN
DESIGN

PEOPLE
SAFETY
TECHNOLOGY
TOGETHER



ANTI-TAILGATING
SECURITY



SMOOTH & SILENT
OPERATION



LOW
MAINTENANCE



DURABLE
STRUCTURE



BI-DIRECTIONAL
PASSAGE

ACCESS REDEFINED

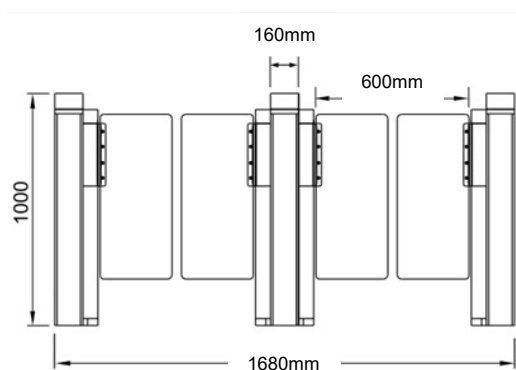
PEOPLE | PLACES | POSSIBILITIES

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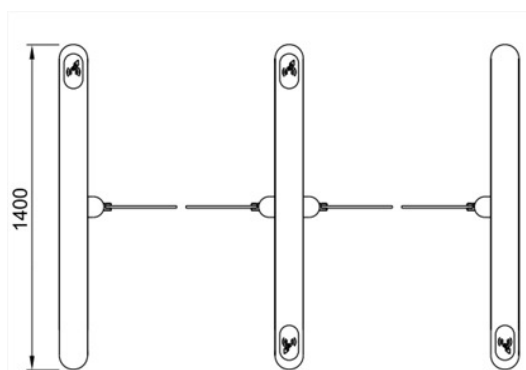
Features

Dimensions

Front view



Top view



- **LED Indicators:** High-visibility green and red LED indicators clearly show access status and direction in real time.
- **Emergency Exit:** Allows free passage during power outages or emergencies and automatically resets when power is restored.
- **Working Direction:** Supports both single-directional and bi-directional operation.
- **Automatic Reset:** The swing arms automatically return to the locked position within 5 seconds (adjustable) if access is delayed.
- **Anti-Pass back:** Prevents unauthorized entry by keeping the gate locked when access is attempted from the reverse direction.
- **Fast Unlock:** Unlocks within 0.2 seconds (adjustable) after receiving a valid access signal.
- **High Performance:** Designed for reliable, long-life operation with fast and stable response.
- **Alarm Function:** Infrared sensors detect unauthorized or reverse-direction access attempts and trigger an alarm.
- **Anti-Tailgating:** Prevents unauthorized users from following an authorized person through the gate during a valid access cycle.
- **Anti-Intrusion:** The gate remains locked until a valid access signal is received.

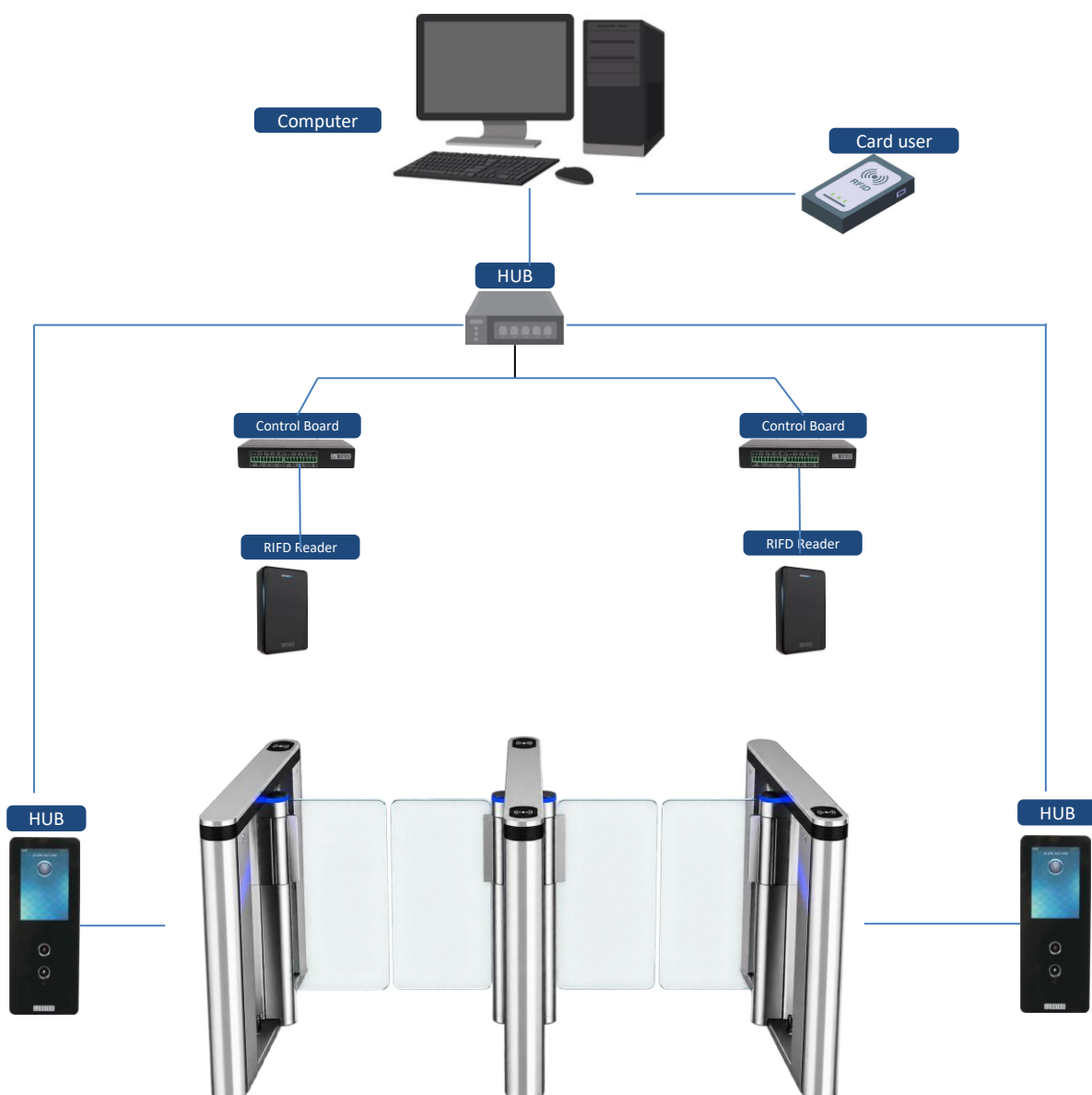
Customization

The cutout for readers can be customized

Provide us with the dimensions of the card reader/scanner or other access control reader and we will customize the cutout according to its dimensions.



System Integration Figure



Technical Specifications

Brand	Technospacio	Power Supply	100V-240V 50/60Hz
Material	SUS 304 Stainless Steel / 1.5 mm Top 1.2 mm enter body	Power Rate	60w
Dimension	1400*160*1000mm (4.59*0.52*3.28ft) (standard)	Working Environment	Indoor/Out Door (Covered)
Passage Width	600mm (1.97ft) -900mm(2.95ft)	Open Signal	Passive Relay(Dry Contact)
Passage direction	Unidirectional/Bi-directional	Communication	RS485/RS232
Mechanism	Servo Motor/DC Brushless Motor (optional)	Working Temperature	-40°C ~ 70°C
Operating time	0.2 seconds	IP Rating	IP54
Pass rate	40-50 persons/minute	MCBF	10 Million Cycles
Arm Material	Acrylic with LED	Relative Humidity	95% Maximum



Lane Combination



One Lane

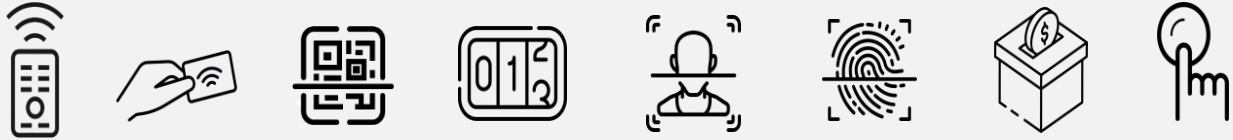


Two Lanes



Three Lanes

Access Control



Our turnstile gates come with relay signals and RS485/RS232 interfaces. You can use your own access control system, or we can provide a complete access control system to you.



Contact Us

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