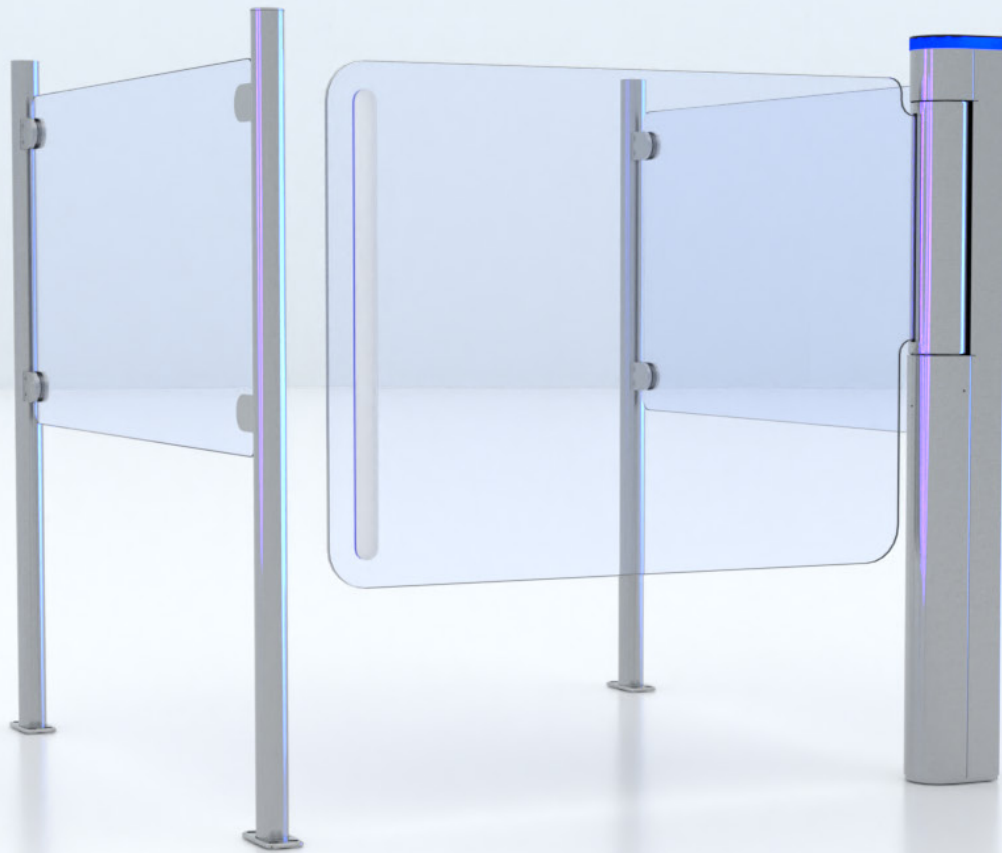


XGate-GS

Swing gates



XGate-GS gates impress with their flawless compatibility with speed gates, creating the perfect combination for access control system. Thanks to their modern design and high-quality materials, XGate-GS provide reliable and fast access to the facilities.

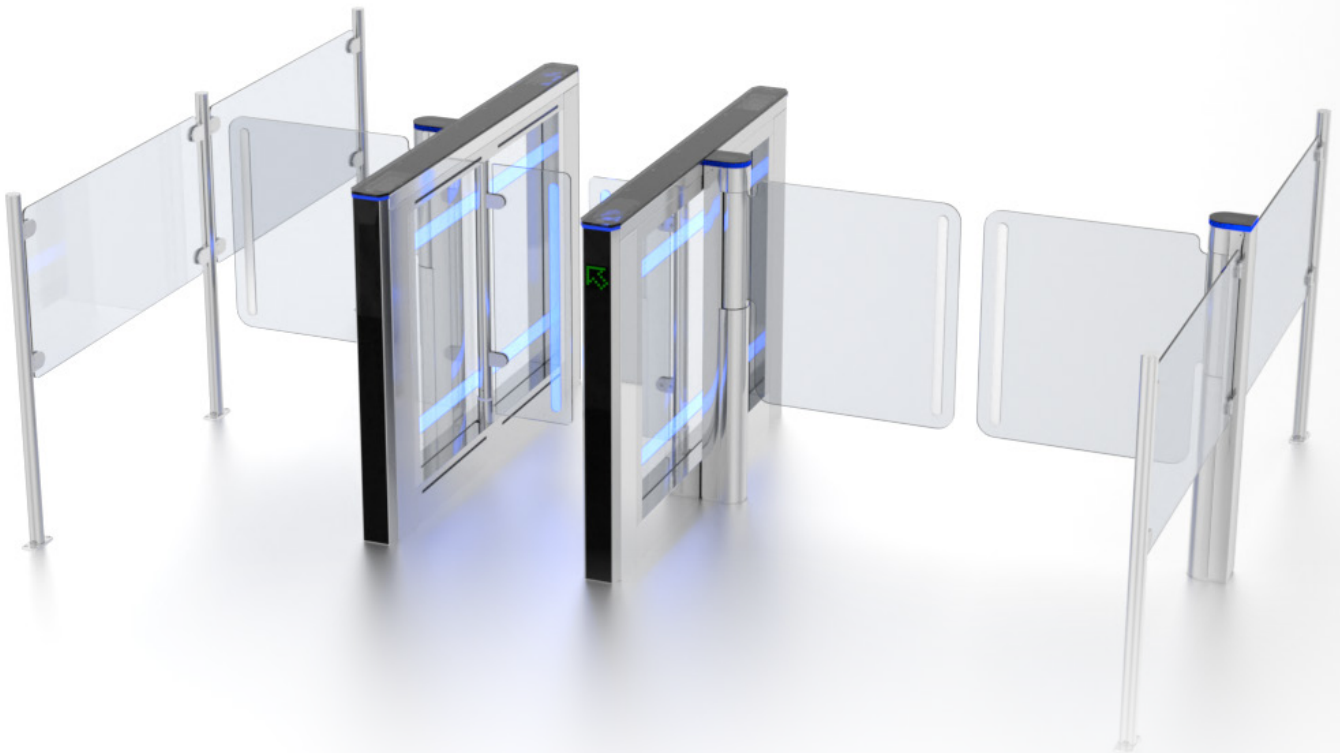
✉ sales@tiso.global

🌐 www.tiso.global

Swing gates

XGate-GS

Aesthetics and security is an excellent combination



XGate-GS gates offer a seamless fusion of functionality, security, and aesthetics, making them the epitome of sophistication in access control solutions. Featuring a sleek glass leaf, a polished metal base tube, and LED indication, they effortlessly enhance the visual appeal of any environment. Characterized by clean lines and minimalist design, they show up contemporary elegance.

Moreover, the seamless combination of XGate-GS gates with the speed gates series not only creates a united visual identity but also optimizes spatial efficiency. This synergy ensures uninterrupted pedestrian flow while minimizing the physical footprint within your premises, elevating both efficiency and aesthetics in access management.



Bright top LED indication.

Progressive LED lighting clearly indicates the status of the gate and invites customers to enter the store (blue - standby mode; red - passage is prohibited; green - passage is allowed).



ToothLock® locking system

Fast and durable leaf locking system ToothLock® works in two modes HiSecurity and LowNoise.



BMDrive® mechanism

Reliable mechanism with powerful BLDC gear motor ensures long term maintenance-free operation.



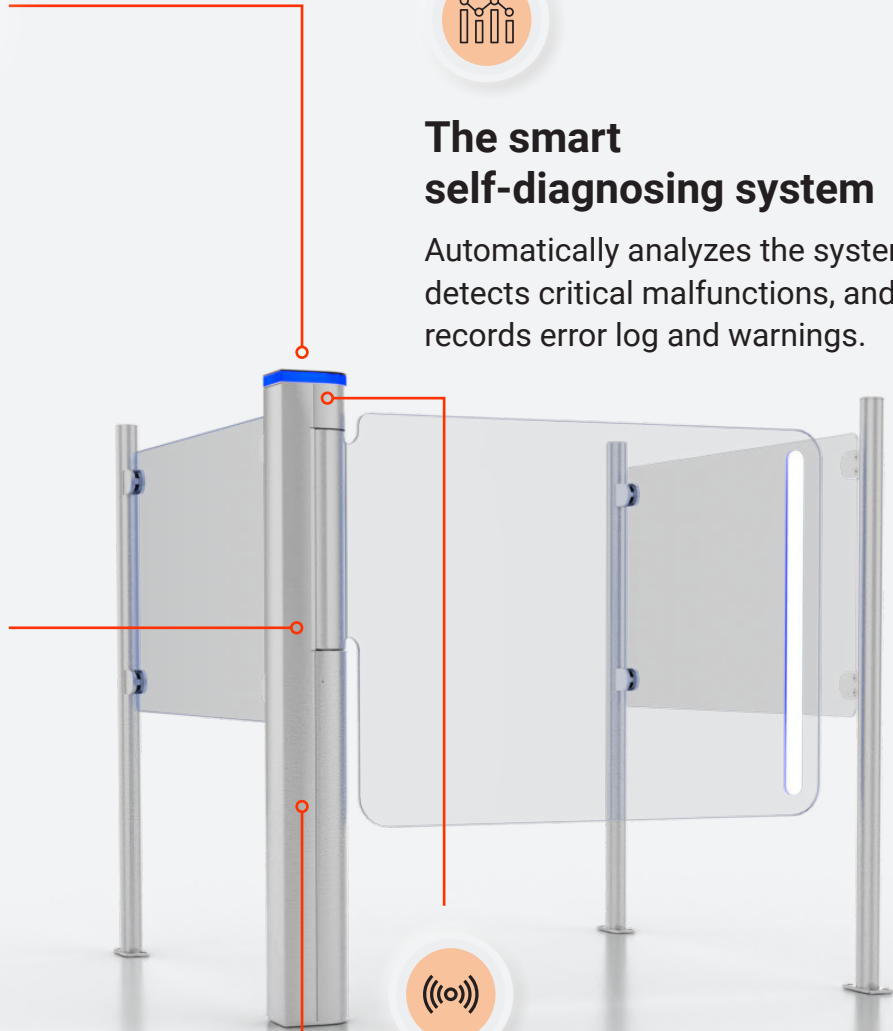
The smart self-diagnosing system

Automatically analyzes the system, detects critical malfunctions, and records error log and warnings.



Bidirectional Microwave Motion Radar /Safety Detector

This sensor allows you to detect movement not only in one direction, but also in another. This allows effective control of two-way paths. This sensor has high sensitivity and accuracy, which allows for reliable detection of motion and minimization of false positives.





Mechanism and Functionality



- Reliable BMDrive® mechanism with powerful BLDC gear motor ensures long term maintenance-free operation.
- Blocking, free access.
- Directional radar smartly placed at the top of the gate.
- The control panel goes in standard set and has full gate control functionality. Among the functions are single passage, access.
- Customizable breakout force settings (for anti-panic forced).
- Option to switch alarm on/off.

Installation and Operation



- Can be integrated with any type of access control systems.
- Standalone installation capability, as well as in combination with other speed gates.
- Adjustable parameters: gate opening delay, close delay, timeout delay, secure delay.
- Compatible with both 230 and 115 Volt AC power supply.
- The gate opening speed is adjustable, left hand and right hand and double-sided opening are available.
- The gate opening speed is adjustable.

Design and Housing



- Steadfast housing suitable for high traffic areas.
- Solution for people on wheelchair.
- User-friendly interface designed.
- Appropriate addition to other TiSO turnstiles.
- Robust metal tube have variety of glass leaf height and width.

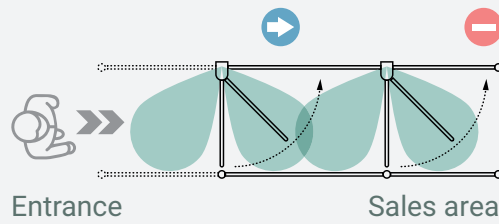
Swing gates

XGate-GS

Bidirectional Microwave Motion Radar

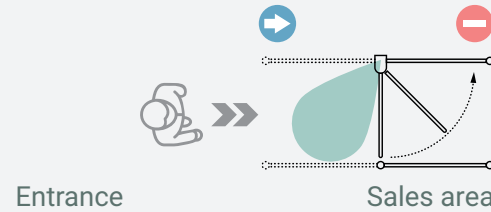
Flexible adaptation of the radar beam for optimal customer registration and compliance with the available space from 0.5 to maximum 3.0 m

A highly sensitive and accurate sensor allows detecting movement in two directions



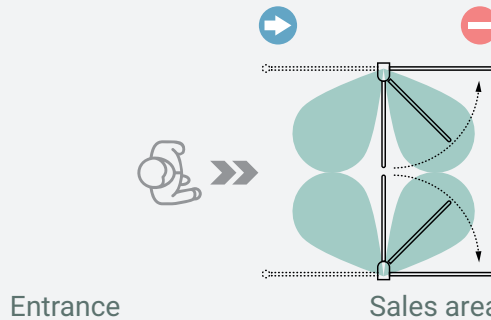
Double-gate systems

Radar control of the first upright and control of the second upright by means of a light barrier in the first upright.



Single systems

Radar control



Double systems

Radar control of both uprights

BLUE

- standby mode

GREEN

- **slowly flashing** – opening
- **flashing (strobe)** – panic mode (emergency exit)

RED

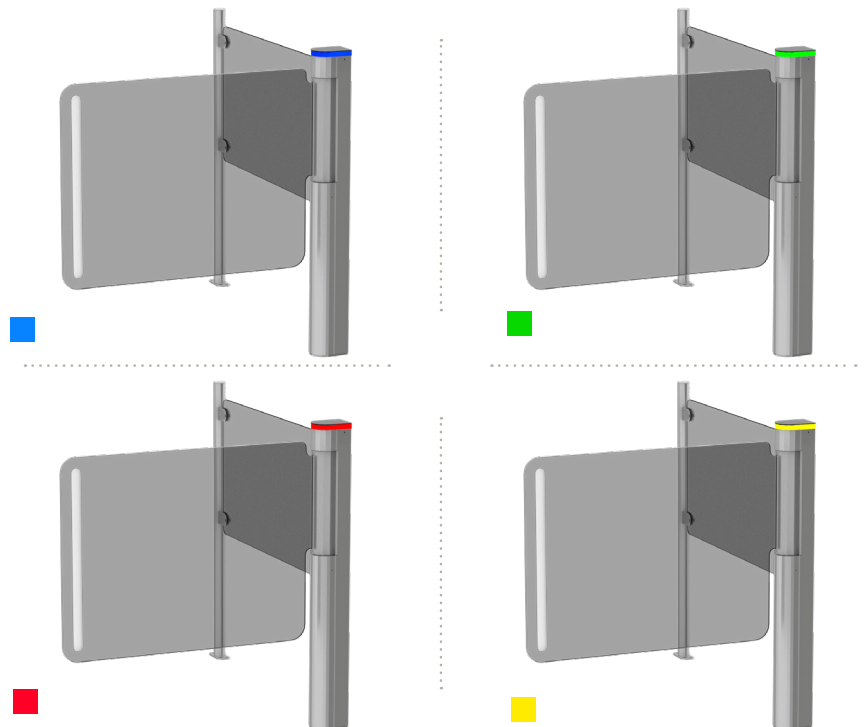
- **slowly flashing** – blocking
- **strobe** – alarm

YELLOW

- **flashing** – closing

YELLOW/RED

- **flashing** – error

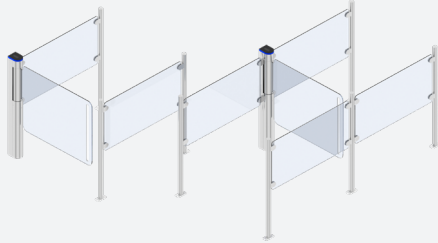


Swing gates

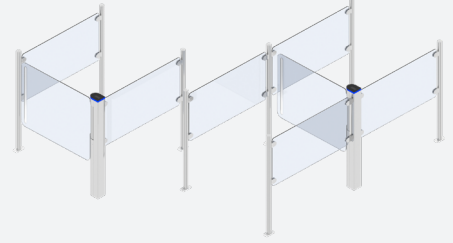
XGate-GS

Simple entry

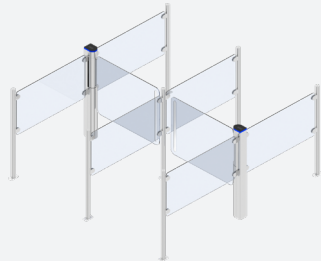
- Left-hand single system



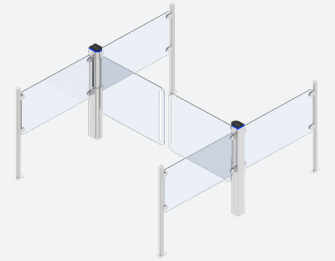
- Right-hand single system



- Left- and right-hand single system (with central divider)

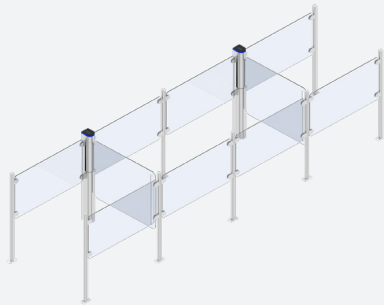


- Double-side system (with side enclosure)

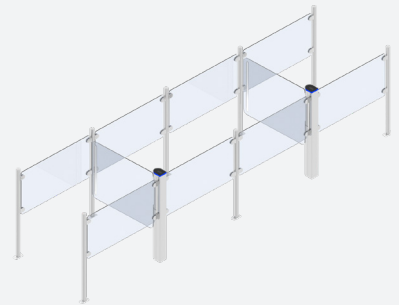


Entry with a gateway

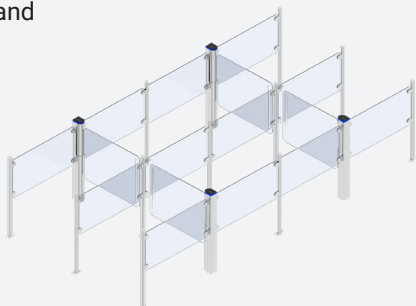
- Left-hand single system with a gateway



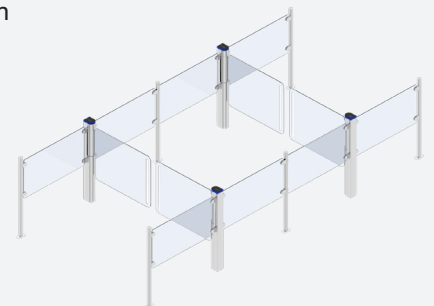
- Right-hand single system with a gateway



- Left- and right-hand with a gateway (with central divider)



- Double-side system with a gateway (with side enclosure)

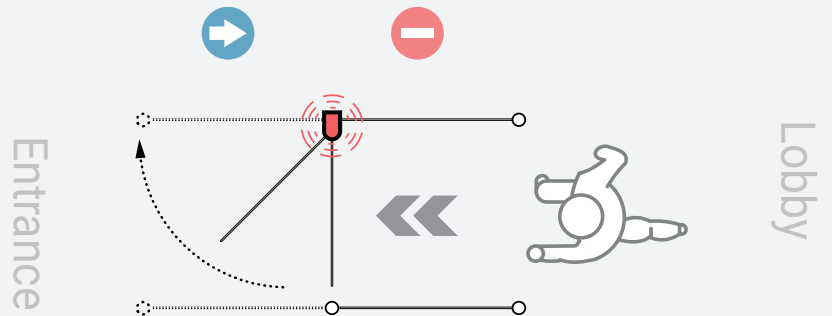


Swing gates

XGate-GS

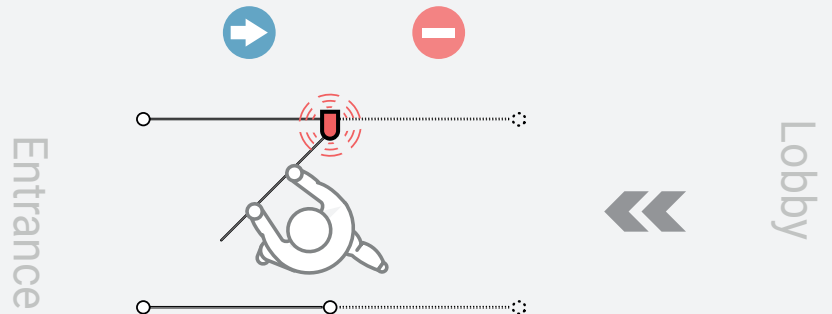
FIRE ALARM

In the case of a fire alarm, the gate automatically opens to the exit.



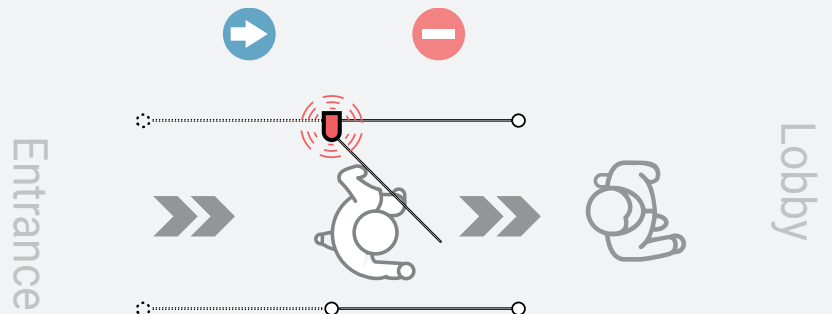
ANTI-PANIC FORCED

In an emergency, the gate can be opened in exit direction by turning the gate manually (adjustable panic force) in the direction of the exit (sound alarm will be activated).



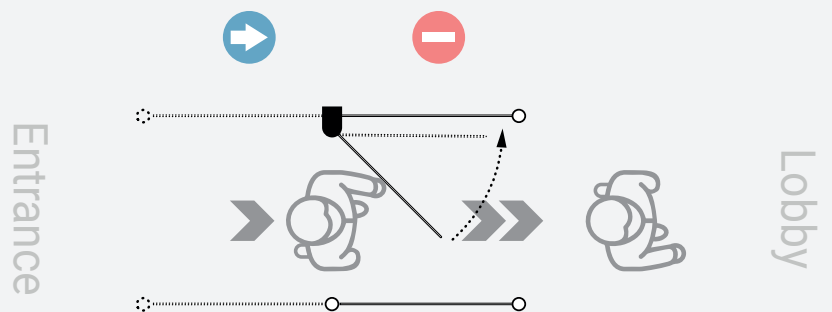
MANIPULATION ALARM

If you prevent the gate from closing, the alarm sound will be activated.

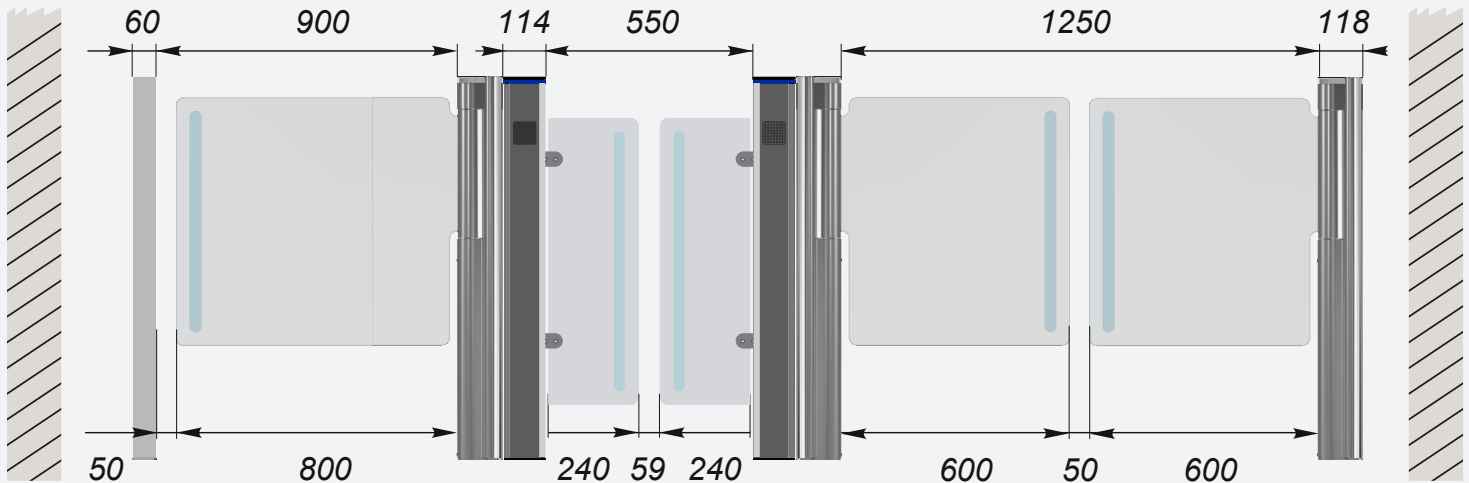


SAFETY OPENING

If the gate is closing and there is an obstacle in its path, the gate will automatically open without completing the turn.



- XGate-GS and Sweeper-S configuration is provided as an example. XGate-GS can be installed with any speed gate model from the TiSO range.



Technical Specifications:

Model	XGate-GS 650	XGate-GS 900	Sweeper-S	
Passage width, mm	650	900	550	1000
Opening/closing, sec	2,5	3,5	0,7	1,0
Mechanism	BMDrive® servodrive (BLDC)			
Operation mode	CW (90°) and CCW (90°)		-	
Blocking system	ToothLock®		PinLock®	
Emergency mode	Free exit/entry (gate is opening automatically)			
Power fail	Fail safe (gate could be opened manually – standard)			

Electrical Specifications:

Maximum power consumption	60 W	160 W
Voltage	From the AC (100-240)V, 50/60Hz; from a DC source 12V	

Finishing

Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316; Polished SS AISI 304; Polished SS AISI 316; Powder coated any RAL upon request



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