

AÉROWING GATE



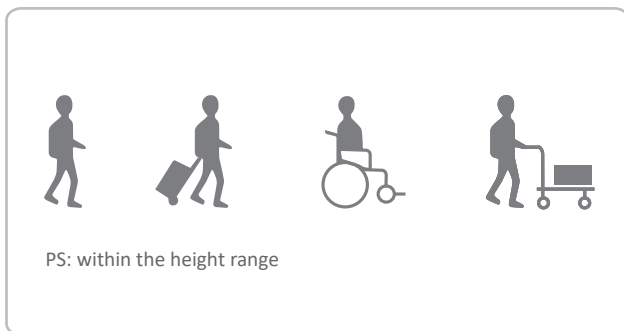
PRODUCT INTRODUCTION

The simplicity of the T1 AéroWing Gate naturally blends the turnstile into sophisticated surroundings. The vibrant LED lights are meticulously positioned along the edges of the top, guiding visitors to authorized areas. Advanced verification technologies such as Facial Recognition, Palm Vein, QR Code are intelligently integrated with the speed gate, offering not only a peace of mind but also an aesthetic yet secure solution to any buildings and businesses.

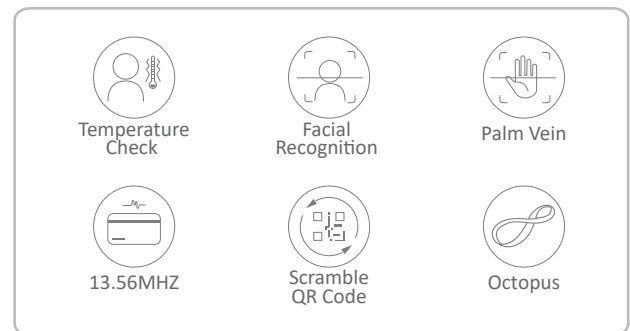


Its lightweight, almost airy T-shaped design encapsulates perfectly the unique beauty of pureness. This effortless simplicity harmonizes the speed gate with any entrances, constructing a pleasant and an unparalleled authentication experience.

SCOPE OF APPLICATION



SUPPORT



FUNCTIONAL FEATURES



Control mode:
9 kinds of dual-direction
control mode (alternative)



Remote control and
configuration, user interface
personalization



Operational mode:
Normal open / closed
position (alternative)



Real-time status
monitoring with 8 pairs of
OMRON sensors (standard)



Passage Memory:
Support 0 to 99 consecutive
door opening signal input



Operating speed
0.8s-1.6s (customizable)



LED lights indication:
Status indication /
Direction indication



Laser sensor:
Higher detection accuracy
compared with IR



Standard external electrical
interface, with photoelectric
safety isolation



Advanced protection to
prevent electrical leakage,
pinching, and collision

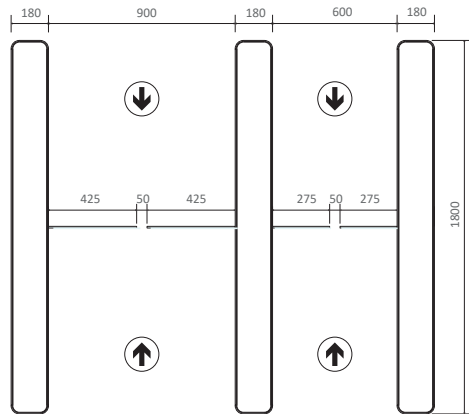
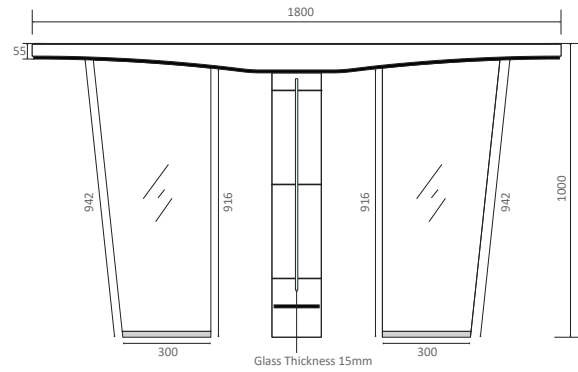
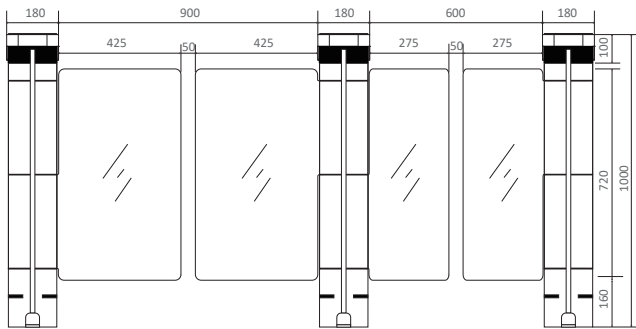


2D laser module:
Ground-level safety sensor
for child-friendly passage



Enhanced anti-tailgating
design

BASIC SPECIFICATIONS



SPECIFICATIONS

• Model	T1
• Cabinet Material	AISI#304
• Usage	Indoor only
• Size	1800*180*1000 (mm)
• Obstacle Material	8mm tempered glass
• Width	600mm / 900mm

MECHANICAL PERFORMANCE

- Door Positioning: Servo-controlled moving position encoder
- Door Opening: 90° to the middle
- Low Noise Operation: ≤ 60db
- Fail Safe Operation: Lock disengages in case of power outage
- Movement Angle: 166°
- Capacity: ≥ 25 people/minute
- Power Drive: DC24V
- Lifespan: ≥ 15M times
- MCBF: ≥ 10M times

CUSTOMIZABLE OPTIONS

Material: SUS#316 or others
 Appearance: Colour Spray or Electroplating (colour board provided by clients)
 Gate Length: Standard 1800mm
 Customization minimum 1400mm
 Surface: Matte metal (Standard)
 Obstacle: Length / Height / Printed pattern
 Card Area: Customized printed pattern
 Others: Customized to support other forms of biometric authentication
 Installation: Customized flooring panels (Floor slotting not required)

ELECTRICAL & ENVIRONMENTAL

Supply Voltage: AC110V ± 10% 60Hz (Optional); AC220V ± 10% 50Hz
 Frequency: Single-phase 50Hz to 60Hz
 Working Voltage: DC24V
 Current: Static 300mA; dynamic 3A (Maximum operating current)
 Operating Temperature: 0 to 60°C (32 to 140°F)
 Storage Temperature: -20 to 60°C (-4 to 140°F)
 Relative Humidity: 5% to 95% (Non-condensing)

2D TURNSTILE LASER MODULE

Laser Wavelength: 905nm (non-visible light)
 Laser Safety Class: Class 1 (IEC 60825-1:2014), safe for human eyes
 Operating Frequency: 10Hz
 Distance Resolution: ± 2cm
 Response Time: ≤ 100ms
 Accuracy: 99% (unobstructed)
 Operating Temperature: -20°C to +60°C