

T1

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 and RFID reader are intelligently integrated with the speed gate, offering not only peace of mind but also an aesthetic yet secure solution for any buildings and businesses.

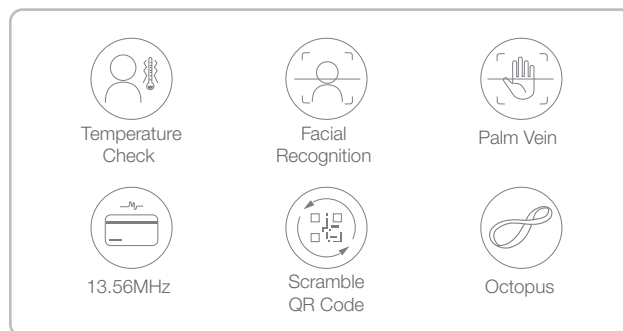
Its lightweight, almost airy T-shaped design encapsulates perfectly the unique beauty of pureness. This effortless simplicity harmonizes the speed gate with any entrances, constructing a pleasant and unparalleled authentication experience.



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

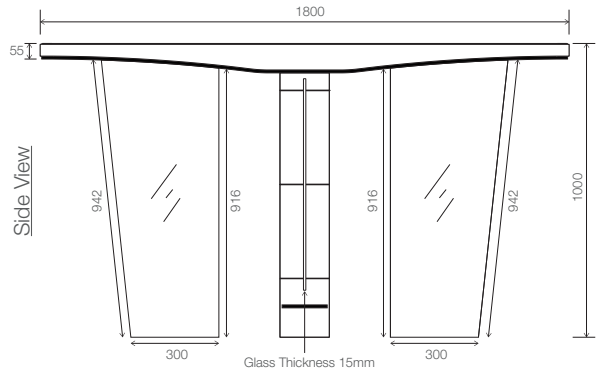
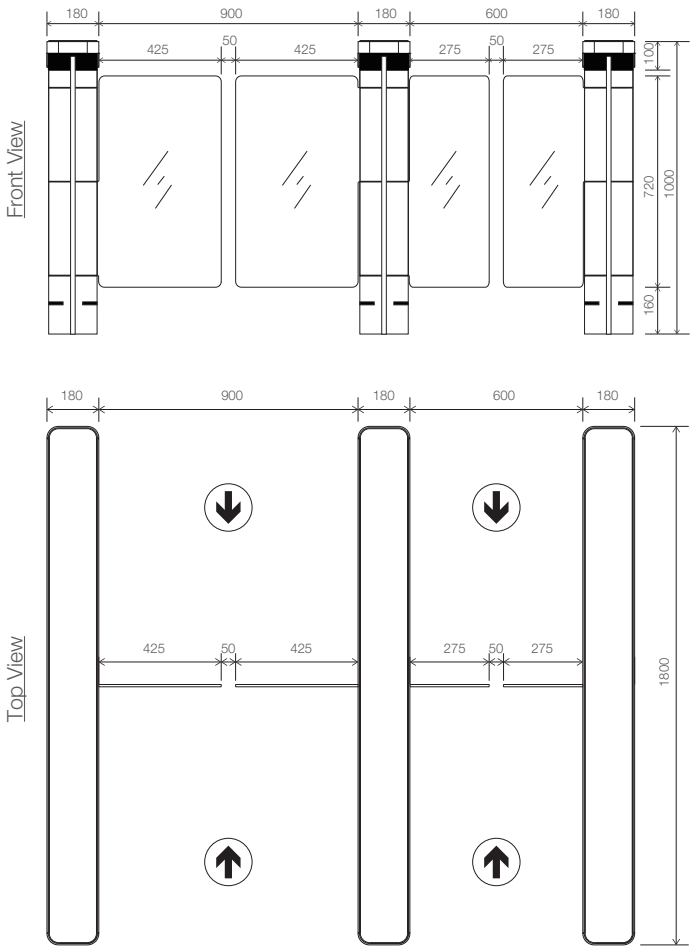


2D laser module:
Ground-level safety sensor
for child-friendly passage



Enhanced anti-tailgating
design

BASIC SPECIFICATIONS



• Model	T1
• Cabinet Material	SUS 304
• Usage	Indoor only
• Size	Standard 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 304 or others
Appearance:	Color Spray or Electroplating (color board provided by clients)
Gate Length:	Standard 1800mm Customization 1400 to 1800mm
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: $\pm 2\text{cm}$

Response Time: $\leq 100\text{ms}$

Accuracy: 99% (unobstructed)

Operating Temperature: -20°C to $+60^{\circ}\text{C}$