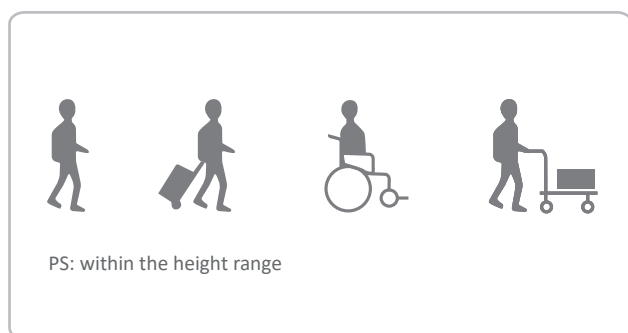# AÉROWING GATE

PRODUCT INTRODUCTION

The simplicity of the T2 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.
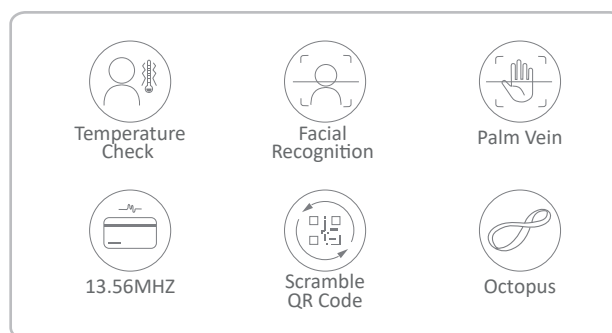
Its lightweight, almost airy T-shaped design encapsulates perfectly the unique beauty of pureness. This effortless simplicity harmonizes the speed gate with any entrances, constructing a pleasant and an unparalleled authentication experience.

SCOPE OF APPLICATION

PS: within the height range

SUPPORT

Temperature Check

Facial Recognition

Palm Vein

13.56MHZ

Scramble QR Code

Octopus

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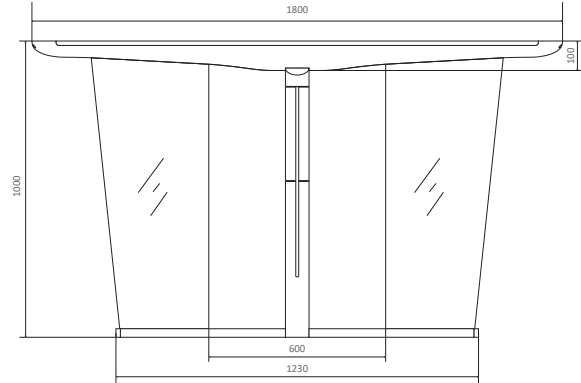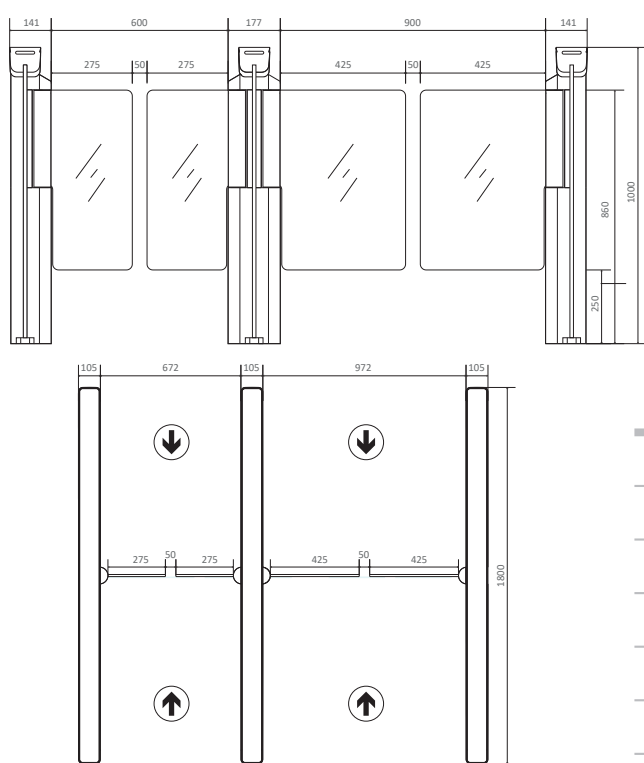
2D laser module:
Ground-level safety sensor for child-friendly passage

Enhanced anti-tailgating design

BASIC SPECIFICATIONS

SPECIFICATIONS

• Model	T2
• 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 1600mm
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