

T2

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 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.

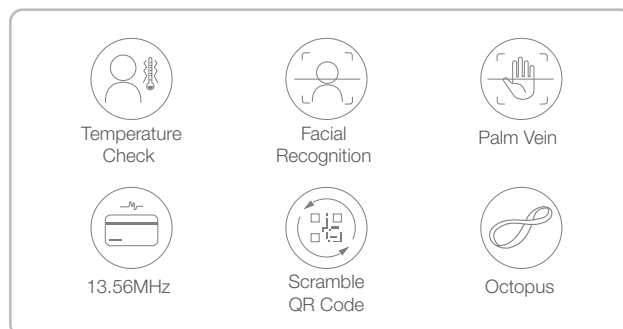
Its lightweight, almost airy T-shaped design encapsulates perfectly the unique beauty of pureness. This effortless simplicity harmonizes the speed gate with any entrances, constructing a pleasant and unparalleled authentication experience.



## 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

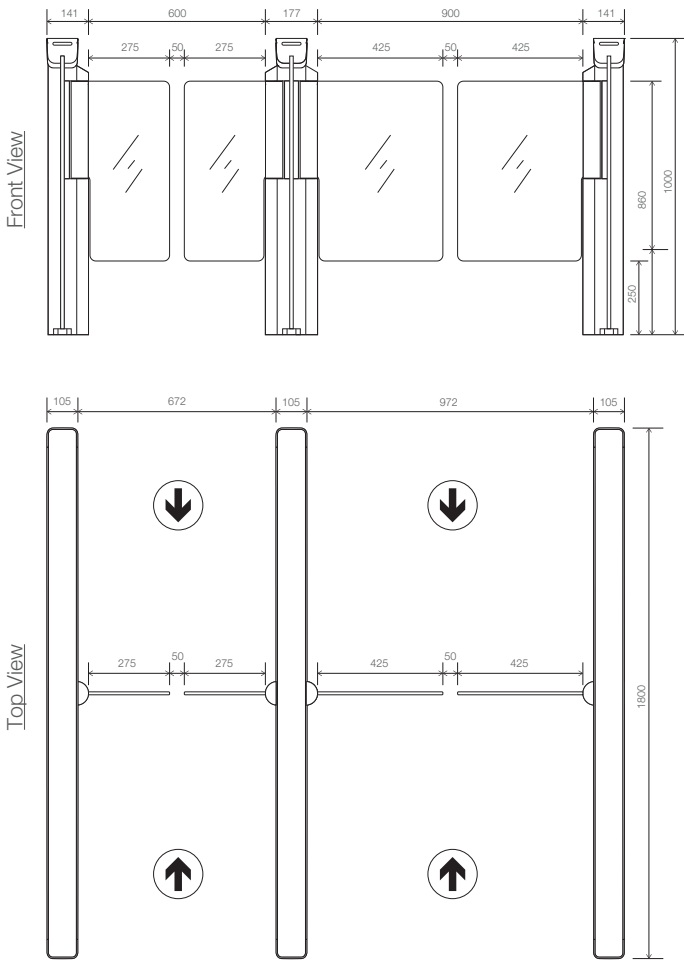


2D laser module:  
Ground-level safety sensor  
for child-friendly passage



Enhanced anti-tailgating  
design

# BASIC SPECIFICATIONS



|                     |                    |
|---------------------|--------------------|
| • Model             | T2                 |
| • Cabinet Material  | Aluminum           |
| • Stand             | SUS 304            |
| • Usage             | Indoor only        |
| • Size              | 1800*105*1000 (mm) |
| • Obstacle Material | 8mm tempered glass |
| • Lane 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:     | Stand-SUS 304; Cabinet-Aluminum                                 |
| Appearance:   | Color Spray or Electroplating (color board provided by clients) |
| Gate Length:  | Standard 1800mm                                                 |
| Surface:      | Glossy and polished                                             |
| 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:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$