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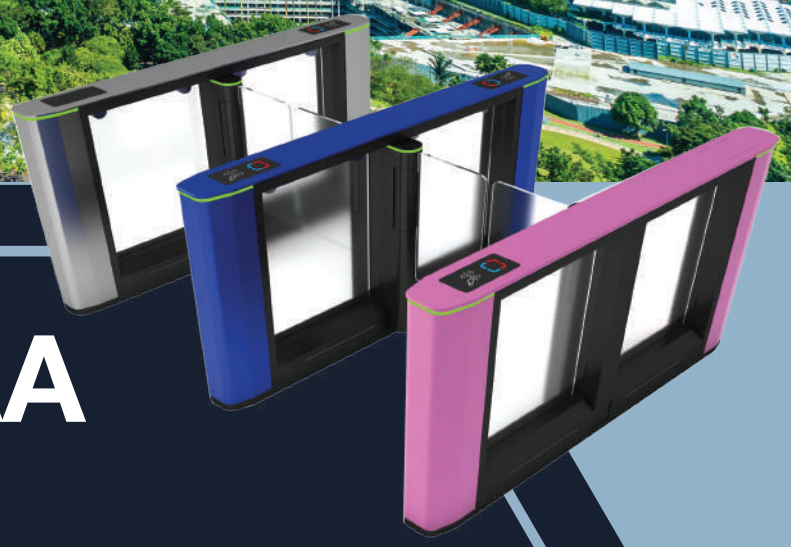


EGSH 8008AA
Swing Gate

Introduction

The popular ELID EGSH8008-series Swing Gate now comes in a new surface finishing and a variety of new colours. Known as EGSH8008AA, the new anodized aluminium surface material provides an excellent corrosive resistance with minimal maintenance.

The EGSH8008AA swing gate controls pedestrian access between public and secured areas. The swing gate lane adopts an array of optical sensors to determine the number and direction of persons passing through the lane. It is also typically installed at motorcycle and bicycles lanes with passageway width of 900mm.

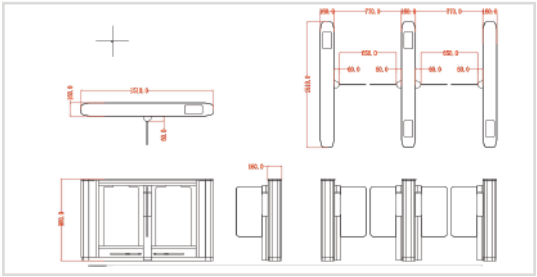
The EGSH8008AA swing gate system is provided with a standard electric interface and can easily integrate with common 3rd party equipment with read functions.

As a result, an orderly and civilized passage is provided for the personnel in and out, and illegal personnel can be barred.

At the same time, a special fire control interface is equipped in the system to meet the requirements of fire control passage, so that gates can be automatically released to open during emergencies.

Functions & Features

1. Operation model: Both directions can be set as controlled mode or free mode; one or two directions can be controlled by switch-button or access controller.
2. Normal working mode can be set to normally opened & normally closed.
3. User-friendly maintenance: Automatic check fault and alarm prompt function.
4. The running status of device can be set up through pressing the built-in small keyboard on the main control board.
5. The device is locked until a valid open signal is received.
6. Infrared detection sensors: The device uses several types of infrared sensors transmitter and receiver. The sensors are positioned at two different heights to prevent against people trying to roll/crawl through the lane without being detected. The sensors are positioned at approximately knee height and waist height. The sensors can detect abnormal access which enables the turnstile system to stay locked.
7. Anti-pinch function: Auto-alarm will activate for unauthorized pedestrian movement and tailgating. The barrier uses several photo sensors to prevent turnstile closure on a person while inside the lane.
8. Automatic reset function: The gates can lock automatically when they are forcibly pushed open by 10-degree or more. In addition, "Go" signal will be cancelled if passage through is not completed within the pre-set time. The standard default is 10 seconds (time adjustable from 1s ~ 60s, by changing parameter of main control board).
9. Emergency-escape function: When power is off, gates will automatically open to meet the requirement of fire protection. Optionally, gates will open by pressing the emergency button which can be remote-controlled whether the power is on or off.
10. LED indicator function: Traffic lights on both sides of the turnstile barrier are the indicator of access status. When the traffic lights show green, it means to pass whereas the red light means no-entry. The traffic lights on both sides can be set to indicate access for left or right or even bi-direction.
11. ADA compliant passageway widths at 900mm available (handicapped lane without anti tailgating detection).
12. Remote control and management functions can be done through computer settings.



Dimensional Drawings

Technical data

Model/ item	EGSH 8008A	EGSH 8008AA
Unit classification	Single mechanism	Double mechanism
		
	Swing barrier only equipped with single in the cabinet	Swing barrier only equipped with double in the cabinet
Housing material	Aluminum alloy (surface anodizing)	
Housing Dimensions	L1510*W160*H980MM	L1510*W160*H980MM
Barriers material	Acrylic	
Barriers width	250-600MM	
Barriers transmission angle	180°	
Passageway width	550~1200MM optional	
Orientation	Single or Bi-Directional	
Drive	Motorized	
Voltage	AC220V±10%, 50Hz±10%	
Logic Voltage	24VDC	
Motor	Servo motor+ARM control	
Infrared sensors	10 pair/lane	
Opening/closing time	1.0 seconds	
The time required to running state after power on	3.0 seconds	
Auto-reset time after failure	10.0 seconds	
Input port	Relay dry contact signal, pulse or level signal	
MTBF	10 millions	
Communications port	RS485/RS232/TCP/IP electric standard, communications range: ≤1200m	
Flow Rates	30~35 persons/min	
Relative humidity	5% ~ 90% not condensed	
Working Environment	Indoor or outdoor(With shade)	
Temperature range	from -10 °C to 50°C	

For more information: Check out the website at www.elid.com, or contact our dealers. ELID has a policy of continuous research and development , and reserves the right to change specifications without notice.