



INTELLIGENT AUTOMATED

Full height turnstile

S4T238FHS series semi auto stainless steel full-height turnstile can achieve maximum access security control. Users are not able to crawl underneath or climb over to gain unauthorized access into premise. Full height turnstile can effective control single pass through each time.

Semi auto turnstile operation is based on solenoid lock that selectively allow or block rotation direction.

S4T238FHS-90-1 is built with high quality material to withstand outdoor usage for years to come.

**Premium
Automation**

MODEL

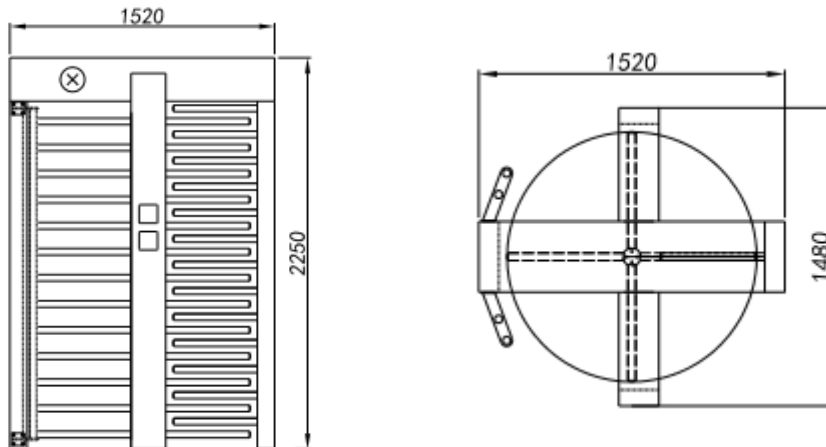
S4T238FHS-90-1 Series



TECHNICAL SPECIFICATION:

Description	Parameters
Lane Width	550-570mm
IP	IP54
Pass Speed	25-30 persons/min
Power supply	AC220V/110V,50/60Hz
Drive Mode	Motor drive
Max Power Consumption	200W
Opening time	0.06S
Humidity	≤90% coagulation free
Noise	≤50dB
Service Life	3,000,000 cycles
Outside packing	210x115x109 cm 222*63*63 cm 163*30*40 cm
Working Environment	-20° C~+60° C
Gross Weight	350KGS

DIMENSION:



Features:

1 EASY INTEGRATION

Easy integration with any third party access control or ticketing via dry contact interface.

2 MINIMUM MAINTENANCE

Uses brushless DC motor eliminate the need of changing carbon brush thus reducing maintenance work. Key internal parts is treated with anti-rust and anti-septic to ensure long term reliability.

3 HIGHER SECURITY

Full height turnstile design with high door panel to prevent unauthorized visitor from gaining access by climbing over or crawling under the gate.

4 60° ROTATION AUTO LOCK

If arm is rotated more than half, it will automatically fall forward to complete the rotation. If arm is rotated less than half, it will automatically fall backward to return to home position. This will avoid arm does not stop halfway that may allow unauthorized access.

5 ANTI TAILGATING

High performance IR sensor is used to detect tail-gating, illegal passing attempt and pass through direction to ensure maximum security at front gate. Door panel will be closed if tailgating is detected.

6 EMERGENCY RECOVER

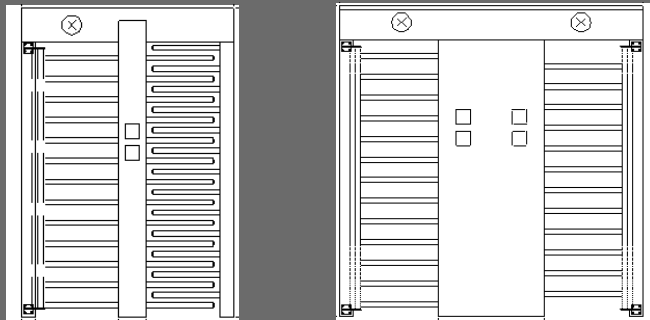
During power failure, door panel will open automatically to allow free pass through. In the event of emergency such as fire alarm, sliding barrier can be manually trigger to open permanently to allow fast evacuation.

Full height turnstile

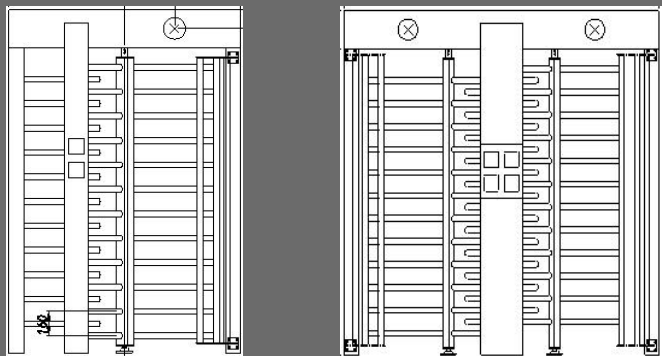
Different type

Basis on the quantity of channel it can be divided into single channel full height turnstile and double channel full height turnstile. Basis on the rotation railings degrees can be divided into 90° full height turnstile and 120° full height turnstile

90° full height turnstile(single and double channel):

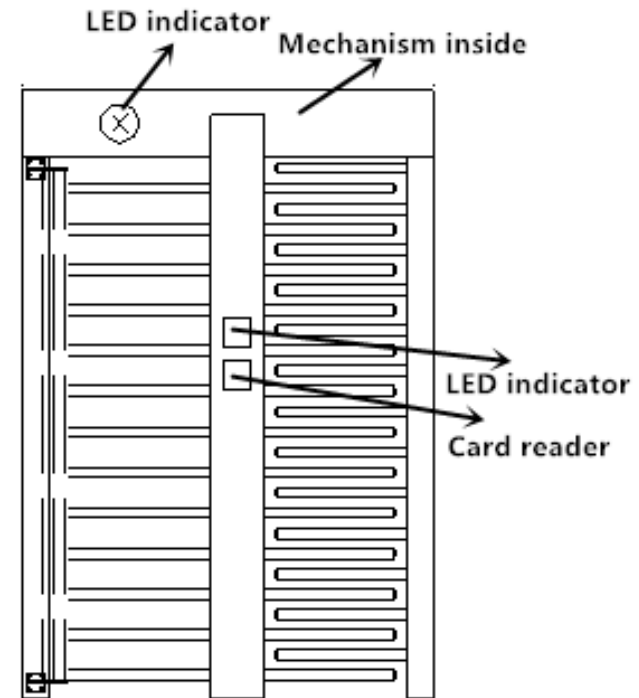


120° full height turnstile(single and double channel):



Housing

Diagram



Status And Direction Light Indication

Green Arrow indicates that the turnstile is unlock to permit a passage and shows the direction of authorized passage;

Red Cross indicates that passage is not allowed and shows that the turnstile remains in locked status.



Control Over Turnstile

From the remote control panel or a wireless remote control(in the pulse control mode).

From access control system via a controller (in either pulse or potential control mode).

The turnstile is a normally closed unit(N/C),it remains unlocked until it receives a valid authorization or is unlocked with a mechanical release key.

If integrated into a fire alarm system,the turnstile can also be automatically unlocked by fire alarm signal.

Operating Modes

Single passage in the set direction(the turnstile is open for one passage in the permitted direction and closed in the opposite direction).

Bi-directional single passage(the turnstile is open for one passage in each direction).

Free passage in the set direction(the turnstile is open for multiple passages in the permitted direction and closed in the opposite direction).

Free passage in the one direction,single passage in the opposite direction(the turnstile is open for multiple passages in the permitted direction and one passage in the opposite direction).

Always free(the turnstile is open for entry and exit).

Always locked(the turnstile is closed for entry and exit).

Housing Optional



S4T238FHS-90-2



S4T238FHS-120-1



Materials

Turnstile Housing: high quality powder coating steel or stainless steel
Hub : mild steel
Barrier arms : polished SUS 304 stainless steel tube (38mm)

Timeout Facility

The turnstile has a preset timeout period(the passage waiting time) when the turnstile is unlocked to allow a passage in the permitted direction.

A timed auto re-lock if the passage has not begun (if not rotated) over this period is a standard feature.

The passage waiting time in the pulse control mode is 5 seconds regardless of the control signal duration.In the potential mode the passage waiting time is equal to the control signal duration.

Interface

"Fire Alarm" control input to unlock the turnstile when an appropriate signal is received from fire alarm system or emergency button.

Relay outputs to connect remote light indicators,an intrusion detector,a siren and an emergency unlocking device.

Galvanic decoupling of the outputs to ensure noise-immunity of the turnstile electronic.

The logic is protected again short circuits,overloads and polarity inversion.

Warranty

The warranty period is 12 months commencing from the date of sale.

Housing Optional



S4T238FHS-120-2

