

FEATURES

- Two way or one way working.
- Support integrated with any type of access control systems.
- 0.5S fast open speed, 60 person/min high throughput.
- Passage width can be extended to 1100mm.
- Lower power consumption.
- Low noise, system runs smoothly.
- Green and red LED indicator display passing status.
- Fire safety requirements, arms open automatically.
- Easy to install and maintain.

FUNCTIONS

Infrared sensor alarm function:

in case of illegal intrusion and reverse intrusion.

Anti-intrusion function:

the gate is locked automatically until valid opening signal input.

Anti-reverse function:

the turnstile alarms if someone wants to entry in the reverse direction.

Anti-trailing function:

the speed gate alarms if someone wants to burst in without permission.

Anti-collision and anti-kick function:

it designed with consolidated and more durable mechanism, will not break even someone collide it.

Mechanism self-protection:

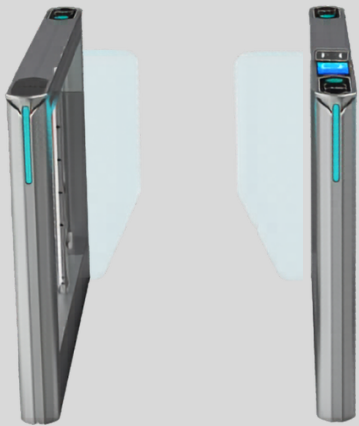
the arm will reset automatically if off position. The movement will not be broken or damaged even hit.

SPECIFICATIONS

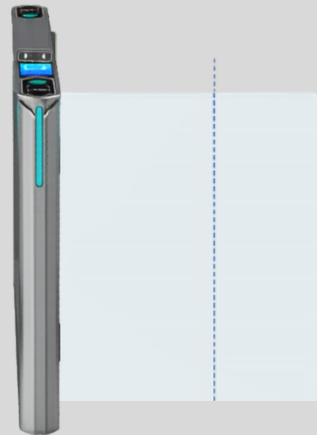


Model	EP-SB200FR
Framework Material	Premium aluminum alloy construction with CNC precision machining, sandblasted anodized finishing. 10mm top cover thickness, and 4–8mm body thickness for enhanced durability and premium appearance.
Arm material	Plexiglas-transparency
Dimension	L1400 × W120 × H1000 mm
Drive Mechanism	High-performance brushless motor mechanism for smooth, stable, and maintenance-friendly operation.
Passage Width	600mm (standard), 1000mm (handicap)
Passing Direction	Single directional / Bi-directional
Flow Rate	Up to 60 persons per minute
Gate Opening / Closing Speed	Adjustable from 0.5–2 seconds
MCBF	10 Million
Power Supply	AC110V – 220V
Power Consumption	200W
Operation Temperature	-15°C to +70°C
Operation Humidity	Relative humidity below 95% without condensation
Infrared Protection Sensors	Standard 6 pairs of infrared sensors (expandable up to 10 pairs)
LED Indicator	Two LED indicators on top: green → entry, red × no entry
Emergency	Automatic unlock function opens the swing arms automatically during power failure for emergency evacuation compliance.

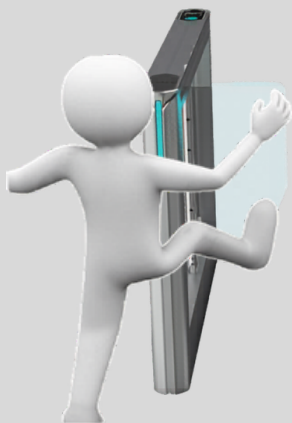
Embedded Face Recognition System Specifications	
Operating System	Embedded Linux platform for stable, secure access control processing
Memory & Storage	<ul style="list-style-type: none"> RAM: 1GB Data storage: 8GB (for face templates, logs, and system data)
Display Screen	7-inch capacitive display. Resolution: 1024 × 600
Camera System	Dual 2MP binocular camera. Wide dynamic range (WDR) imaging for accurate recognition under varying lighting conditions
Face Recognition Capacity	1:N recognition mode. Supports up to 50,000 face templates (N ≤ 50,000)



Fire Safety Requirements,
Arms Open Automatically



Wide Lane Optional



Anti-kick Function



Embedded Face
Recognition Terminal

