

ImmSBTL-55

Automated Border Control Gate



Introduction

ImmSBTL-55 is a ABC (Automated Border Control) gate tailor-made for airport and customs scenarios. Balancing high passage efficiency and security level, this device accurately meets the management needs of modern entry control and has become a core control equipment in the entry clearance process.

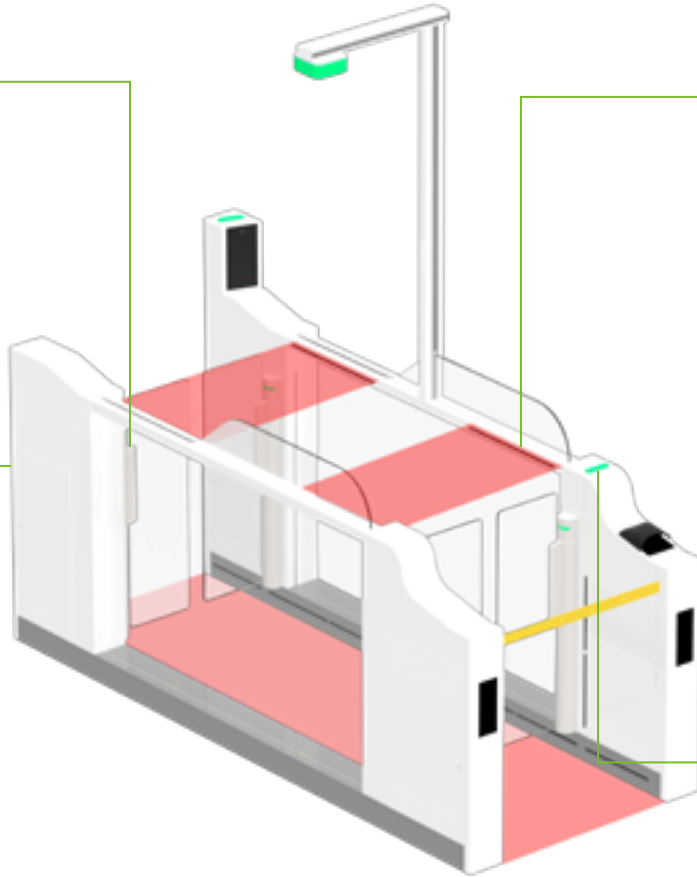
This device is equipped with a dual-swing gate structure, requiring personnel to complete two progressive verifications: first verifying passport information, then collecting and comparing facial information. The dual-verification mechanism ensures "consistency between person and ID", eliminating the risk of identity fraud from the source.

This device adopts double-door interlock technology—two doors open alternately and cannot be opened simultaneously. It also integrates anti-tailgating detection function, which can strictly monitor the status of personnel in the lane, ensuring only one person is in the lane at all times. This effectively blocks illegal tailgating behavior and guarantees the order and security of clearance.

The gate features a minimalist style, with a large area of tempered glass that offers transparent visual effect, significantly reducing the sense of oppression for users. It is also equipped with an audio-visual prompt system: it not only guides users in real time truly realizing the dual optimization of user experience and on-site management.

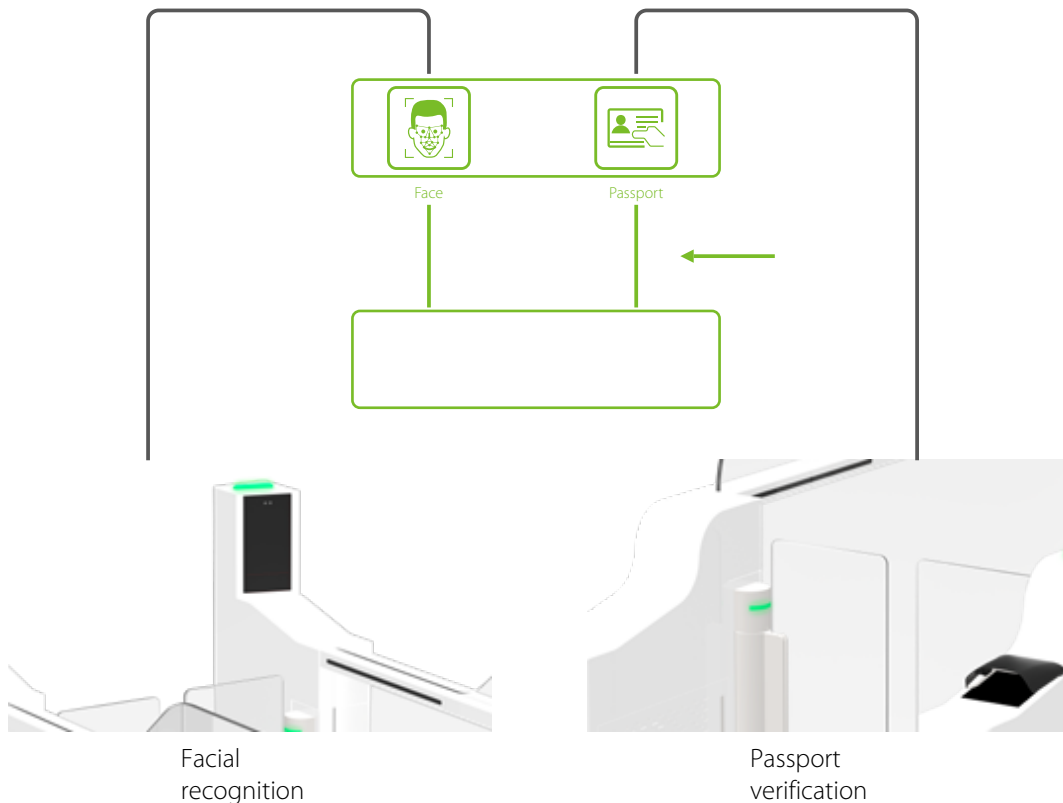
Features

- Ultra-stable servo motor drive: ensures smooth start/stop, fast response, reduces long-term component wear, and guarantees continuous efficient operation.
- Enhanced safety control: double-door interlock + dual mechanical-electronic locking, eliminates simultaneous door opening risk, and strengthens channel safety.
- Powder-coated finish: white-gray color scheme, scratch-resistant, modern minimalist, suitable for airports/customs.
- Timeout alarm: prompts users to exit and re-verify if passage is incomplete within the specified time, ensuring order and verification accuracy.
- 40 pairs of infrared detectors: highprecision, wide-range detection of people/objects, captures subtle movements, and avoids pinching or missed detection.
- Optional overhead laser module: accurately identifies tailgaters and detects left-behind luggage, improving safety and convenience. (Optional)
- Improved audio-visual prompts: clear voice and light guidance for passport verification/facial collection, lowering operation difficulty and smoothing passage.



Working principle

2-steps verification: #1 verify passport before entry the lane; #2 after door open entry the lane and verification biometric information.



Specification

Chassis Materials	Cold rolled steel sheet(SPCC)
Door Leaf Materials	Tempered glass
Lid Materials	Cold rolled steel sheet(SPCC)
Flow Rate	20 people per minute
Door Opening Speed	0.8 S
Lane Width	750mm
MCBF	30 M
Interfaces	RS485/RS232
Motor	Servo motor
Application Environment	Indoor
Dimensions	3000*1200*200mm

Dimension

