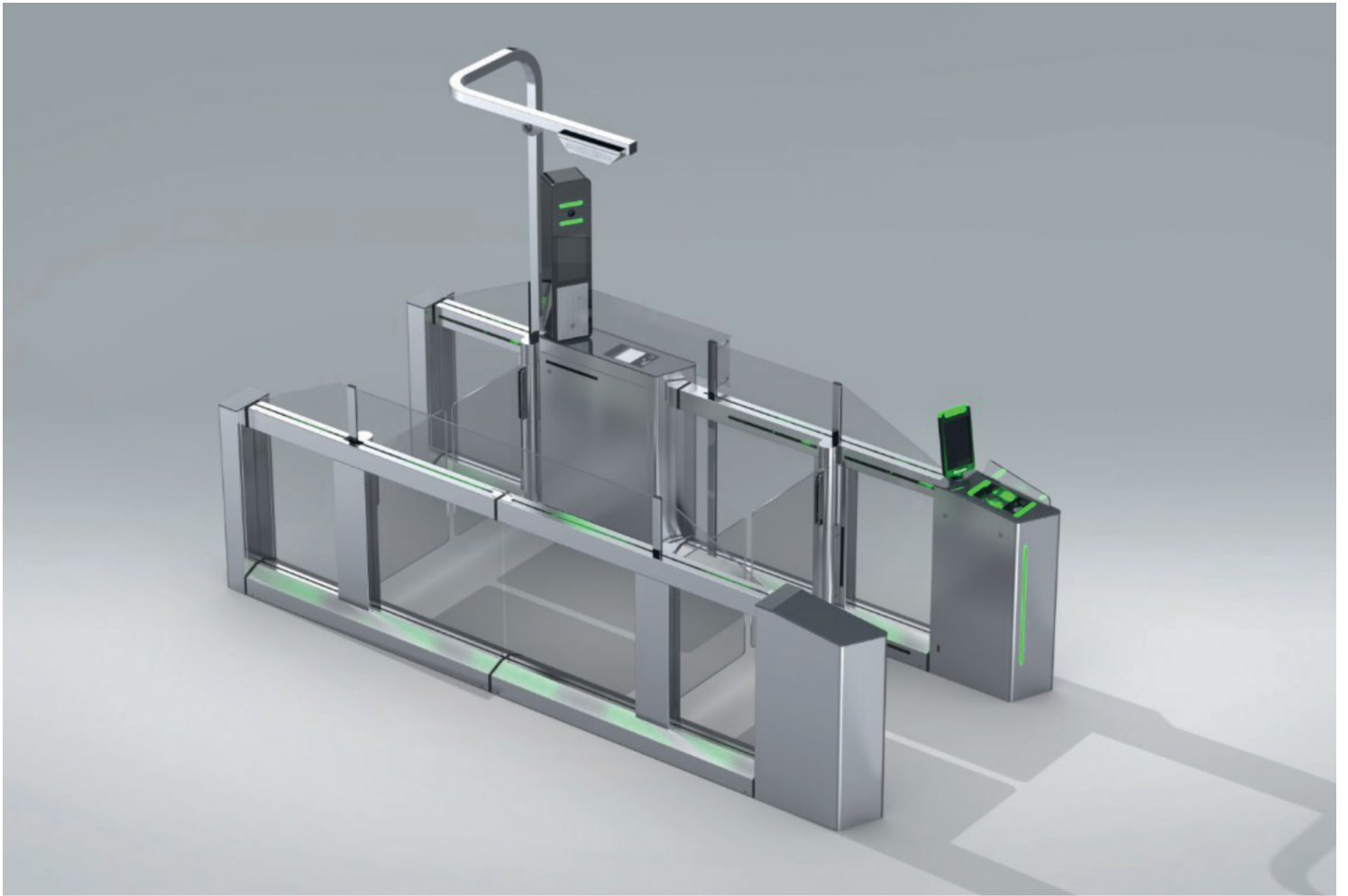




ImmSec HS mk3

3rd Generation ABC Gate

Secure Automation of Your Borders

The new Gunnebo ImmSec HS is a specifically designed double gate interlock solution, designed to streamline border crossing procedures in ABC (Automated Border Control) applications.

The product is predisposed to integrate a wide selection of multi-modal biometrics (facial, fingerprint, and/or iris recognition) and ePassport (ICAO-compliant) readers to securely and efficiently manage the complex border crossing procedures.

The system enhances security, reduces waiting times, and supports high-throughput environments such as airports and cruise ports.

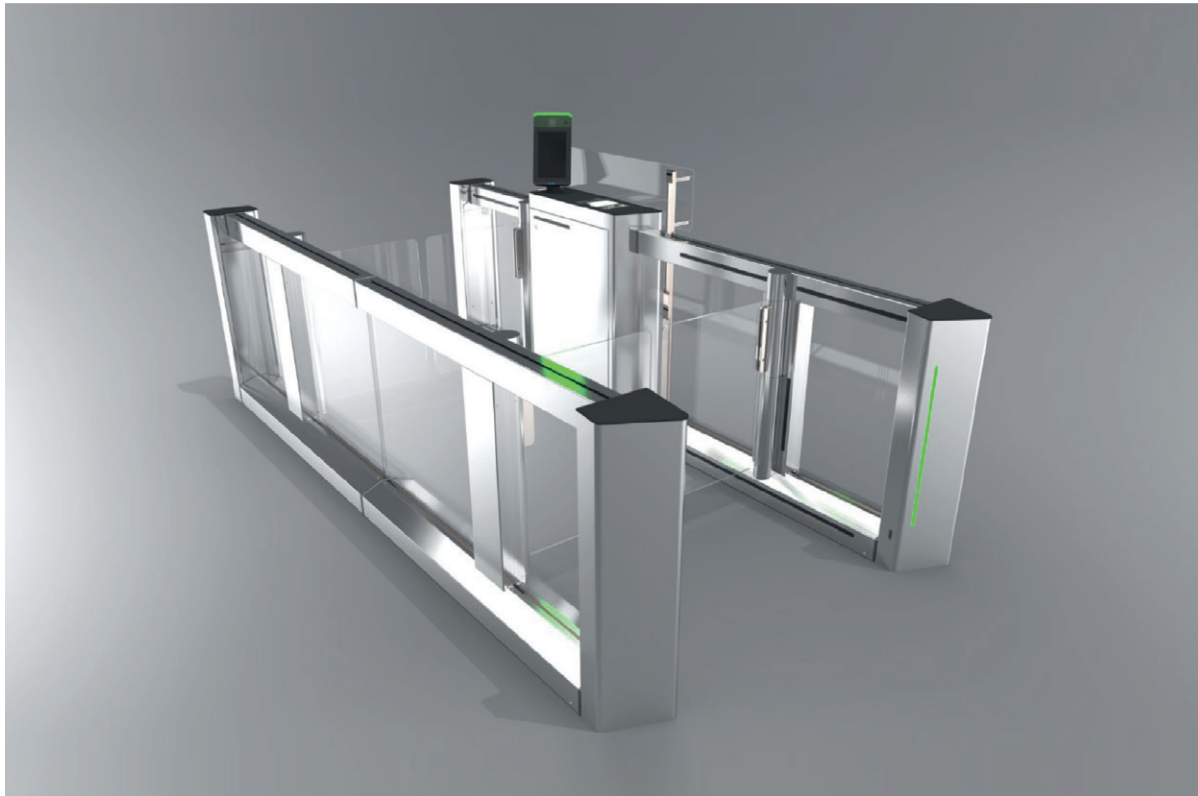
Gunnebo ImmSec design is elegant and minimalistic with prevalence of transparent surfaces, to fit most of architectural styles. The very limited footprint and configurable lengths makes the new ImmSec the perfect solution to combine high security with space constraints.

Applications

- Airports
- Seaports and Ferry terminals
- Other Mass Transit applications requiring international border control

Benefits

- Accelerates the immigration process
- Automates the entry process and collection of data
- Superior single-person detection system
- Increased security with integrated biometric technology
- Reduction in staffing costs
- The glazed passageway gives high visibility of passengers



Technical specifications

Features

- High reliability DC motor and brake mechanism
- Fail safe (in entry) and fail lock (in exit) mechanisms
- New Gunnebo CG3 Electronic platform based on Linux-based SBC controller
- REST-API communication protocol over TCP/IP (software emulator available)

Materials

- Casework: 304 grade grained stainless steel and anodized aluminum
- Finish: Optional powder coating in any RAL color
- Moving panels: 10mm toughened glass
- Side panels: 10mm toughened glass
- Integrates third party CCTV camera and Intercom system

Advanced features

- Functions and Operational Modes
- Uni-directional electronic passage control with single person detection and monitoring
- Optional overhead stereo camera for unicity detection and monitoring
- Entry doors can open in reverse direction to empty mantrap towards in case of rejection
- 3 configurable Modes selectable by key switch and remote protocol, for example:
 1. Emergency Mode: exit door is locked-closed and the entry door is open.
 2. Cleaning/maintenance mode: both doors open, alarms disabled
 3. Running mode – normal operation

Optional features

Integration of several models of barcode/RFID/NDC readers:

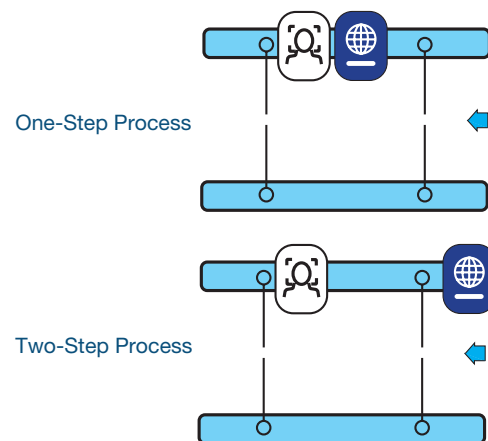
- Desko Penta series
- Desko BCR 504 serial
- Access IS LSR 116/118
- Access AS ATR200/210

Dimensions

- 23.62" and 37.40" net passage width
- 4 mantrap lengths 66.14", 73.42", 79.52" and 86.22" for 2-steps, and 124.01", 131.29", 137.40" and 144.09" for 1-step
- Overall lengths (2-steps) 137.79", 145.07", 151.18" and 157.87"
- Cabinet width 8.66"
- Swing panels height: 47.24" for entry, 59.05" for exit doors
- Side protection glasses (optional): 47.24" height
- Overhead camera support (optional): 93.11" max height

1-Step and 2-Step Variants

- One-Step: combines the verification of the passport and biometrics inside the mantrap. Once the gate has processed a passenger and closed exit doors, the entry doors automatically open to allow a new user to get in and close immediately after. No verification hardware in entry legs.
- Two-Steps: passport control is performed before the entry doors, on integrated passport reader. Doors will open only after the previous passenger has completed biometric check and left the mantrap through exit doors.



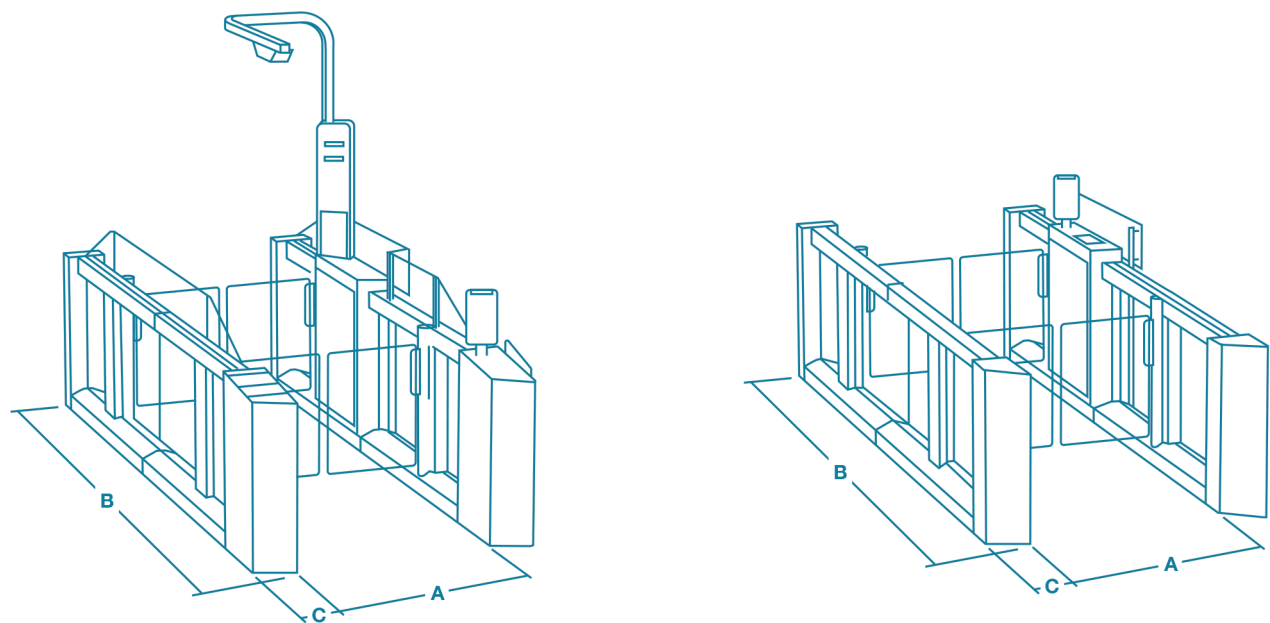
Detection Options

- A. An IR sensor beams: through beam infrared sensors detect and count passages through entry door. Mantrap corridor infrared sensors positioned at bottom and upper level detect presence and jump in/jump out events.
- B. Overhead detection (optional) combined with IR sensor beams: allows the best unicity detection, being overhead 3D camera with AI image processing capable of distinguishing persons from luggage and objects.

Technical data

Power Supply	110/230Vac* Standby 170VA
Power Rating	250VA peak / 50VA standby
Operating Temperature	32°F to 122°C 95% RH non-condensing
MTTR	<30 minutes
MCBF	10 million cycles

General Dimensions

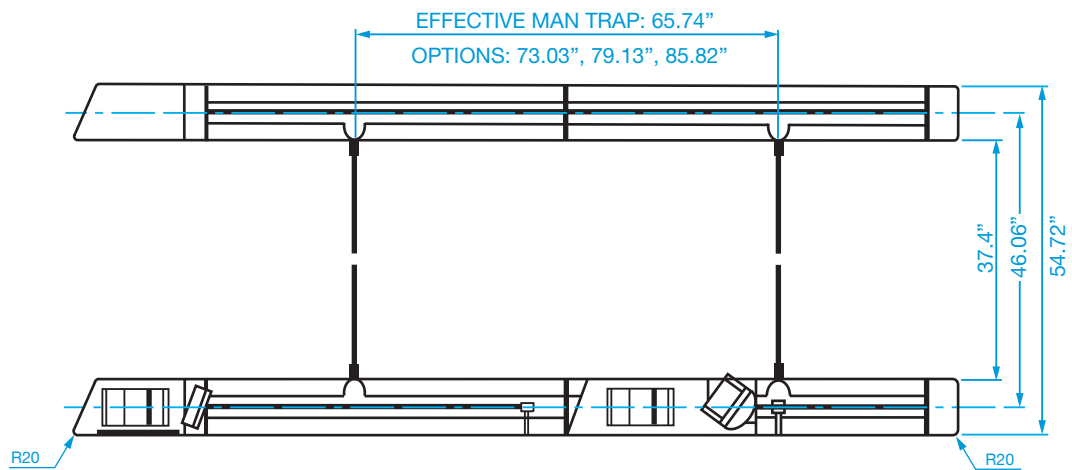
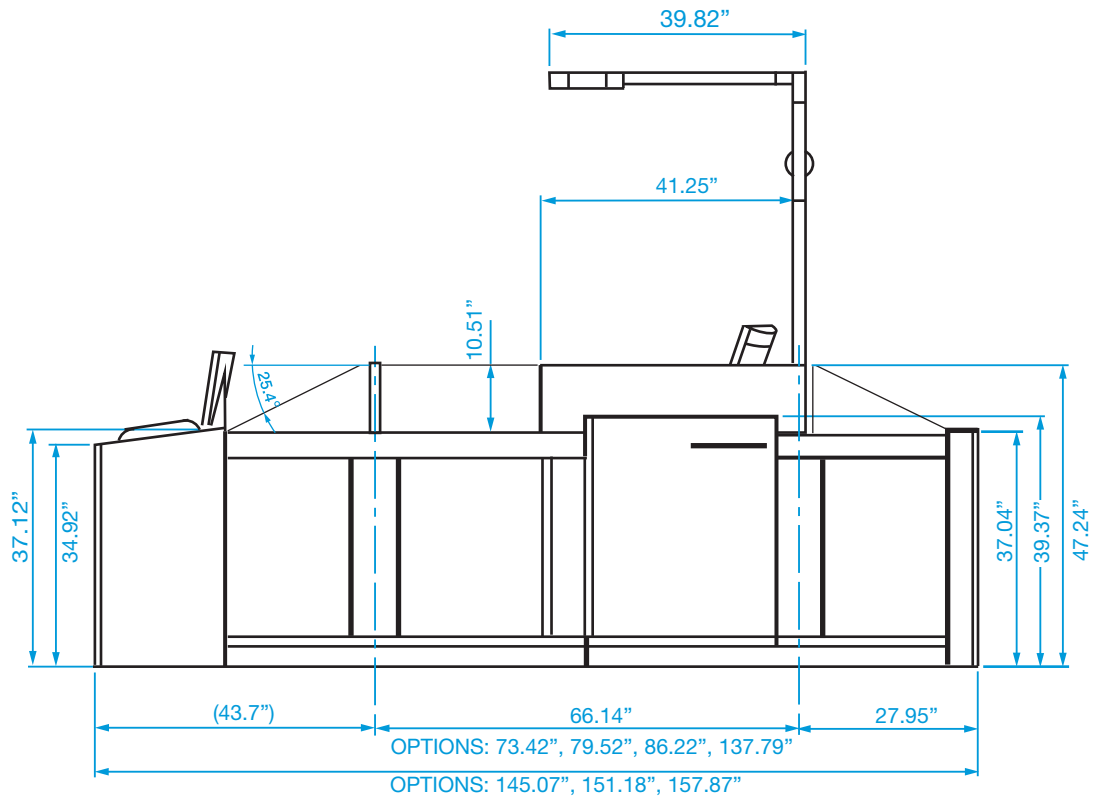


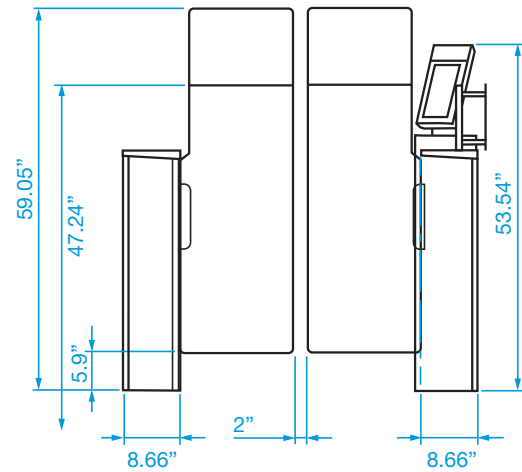
	Passage Width* (A)	Overall Length* (B)	Cabinet Width* (C)
ImmSec HS mk3 Two Step	23..62" and 35.43" (up to 47.24" as an option)	137.79", 145.07", 151.18", 157.87"	8.66"
ImmSec HS mk3 One Step		124.01", 131.29", 137.40", 144.09"	

* Dimensions in inches.
May require lifting equipment. For details refer to installation detail drawings.

Concrete Base to specification at least fck (cube) 4531lb/in² of resistance. Base to be flat and level to +/- 0.19" over footprint area.

Important: Any horizontal pipe or conduit running below the Tripod Turnstile must be at least 5.5" below FFL. Metal conduit for cables should be raised at least 2" from foundation. It is the customer's responsibility to ensure the structural integrity and strength of the installation location. The dimensions given in this Product Data Sheet are for information only. In order to prepare the installation site, please refer to your usual Gunnebo Customer Service contact.
Conditions of use: When using Gunnebo's security access control gates, for security and safety reasons, children must be supervised by an adult at all times.





ImmSec HS_{mk3}

Discover how to make your world safer:
www.gunneboentrancecontrol.com/en_us

GEC-US-IHS3-2508-V3.1

Gunnebo Entrance Control Inc.
154 Tyger River Drive, Suite F, Duncan, SC 29334



GUNNEBO[®]
Entrance Control