Self-boarding gate and boarding pass control
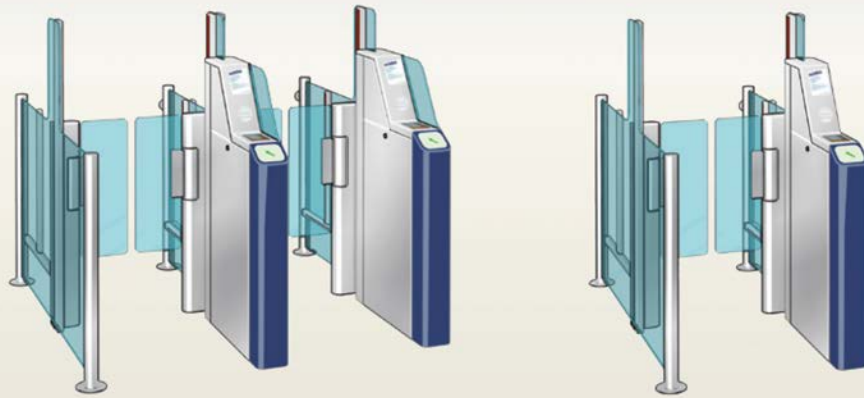
dormakaba

HSB-M03 Sensor Barrier

Product advantages

- High throughput rate reduces boarding time.

- Simple operation even with hand luggage.

- Highest security level due to extended sensor system.

- High personal safety due to unique safety sensors.

- Transparent and space-saving design.

- Audible signal in case of unauthorized access.

- Modular system to allow for multiple lanes in the gate area.

Interface

The HSB-M03 sensor barrier features a number of different interfaces for connection to the airline boarding application. The communication protocol is compliant with the most current AEA standard.

Incorporating technologies to optimize airport operations and empower the passenger is one of the most important aspects of modern Airport Improvement Programs. Our self-boarding gates and boarding pass control are high function-ing, passenger-focused systems engi-neered to streamline processes securely and safely.

Self-boarding gates expedite supervised boarding of the aircraft and validate both paper and smart device boarding passes. Boarding pass controls allow passengers to quickly proceed to the security checkpoint once their boarding pass has been verified.

In addition to increasing operational efficiencies and passenger service, the sensor barrier technology seamlessly interfaces with airline and airport systems to accurately collect data and ensure immediate user acceptance for improved throughput rates. Passenger luggage is automatically detected. Safety sensors prevent users from being pinched or injured.

Self-boarding gates provide a practical solution for improving passenger processing, while allowing airline staff to extend courtesy services to those requiring special attention.

The units are easily expanded with additional modules. The sensor barrier's transparent and space-saving design makes it a first choice for installing in all environments. An optional thermal printer can be integrated for outputting updated passenger information, such as seat imprint, gate change and vouchers.

The HSB-M03 reads boarding passes of all types.

Airline boarding pass

Printed online boarding pass

Smart device boarding pass

HSB-M03 Fact Sheet

The HSB-M03 sensor barrier can be installed as single or multiple units with modular extensions.

Construction

Housing and base columns AISI 304 Stainless Steel

Side panels tempered glass 3/8" (10)

Drives integrated in the rotating tube

Barcode scanner for paper documents and mobile devices

Barcode valid-read audible signal

Signal device LED arrow-cross

7" LCD screen for visual indicators and video sequences

LED signals (red/green) at receipt slot

Audible signal for announcement of unauthorized use

Intelligent door panel control center for compensation of passenger errors

Software

Full compliance with AEA standard

Options

Touchscreen display

Integration with biometric readers

Central unit includes 2 auxiliary ports

Common use SITA Certified BGR protocol

Thermal printer for seat assignment imprint, gate change, and vouchers

Combined 2D barcode and ID document reader

Contactless reader for frequent flyer application

Emergency button

Customized door panels

Installation

Anchored to level, finished floor, optional mount on portable platform

Sensor system

Regulation of single file access by means of light sensors

Pedestrian safety by means of sensor strips

Interface

Different interfaces (ethernet, EIA-232, USB)

Finish

Stainless steel satin finish (housing and base columns)

Transparent or frosted glass (side panels)

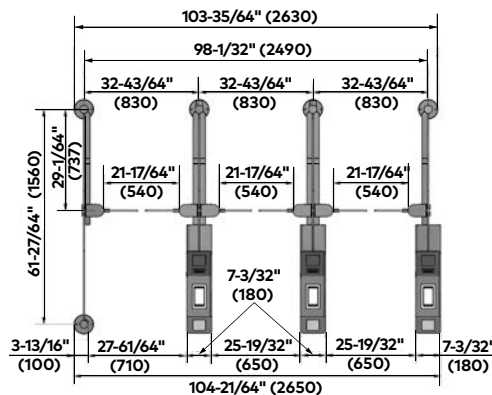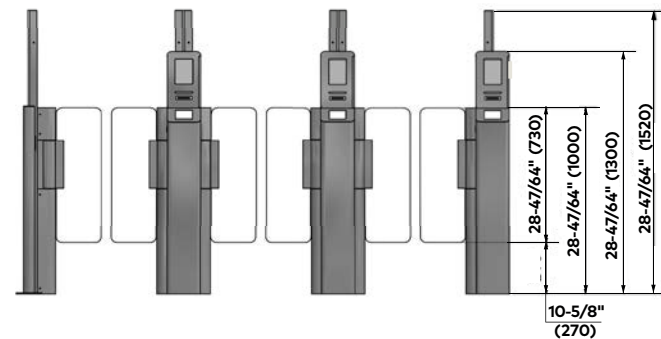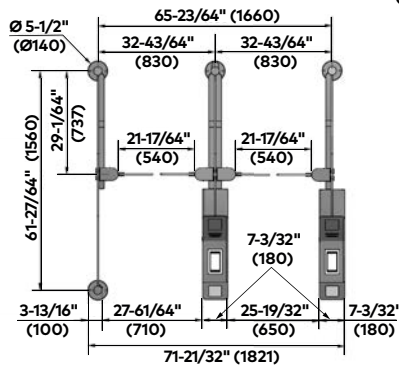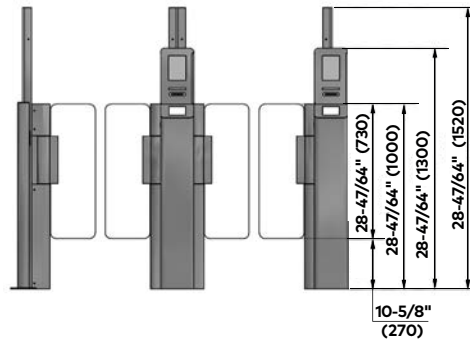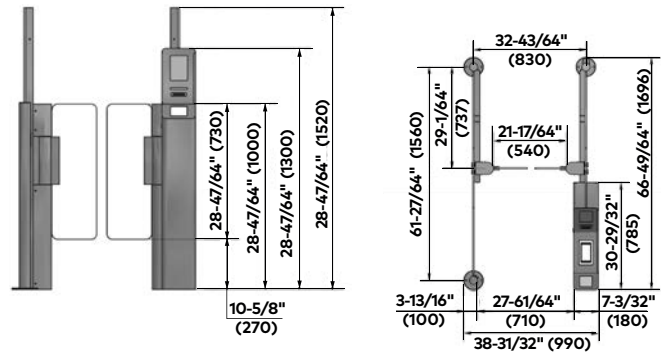Tinted or transparent polycarbonate door panels

Electrical components

ETS 21 control system & power supply unit integrated in unit

Power supply 110-230 V AC 50-60 Hz

Barcodes

2D: PDF 417, DataMatrix, QR-Code, Aztec, EAN 13, etc.

1D: Code 39, Code 128, Industrial 2 of 5, etc.

Function

Valid boarding pass opens door panels for entrance to security screening or jetway

Door panels closed in locked position when not in use

Emergency push button opens door panel to egress position

Note: In illustrations, measurements are shown as inches followed by millimeters; for example, 1" (25).