

ASSA ABLOY BG100

Airport Speedgate



Made to fit your unique space

- Customizable passage widths, glass heights, and gate lengths
- Small footprint for easy integration
- Choice of colors and décor for a refined look

Designed around the user

- UX-focused, guided on-screen workflow
- Clear LED visual indications
- Audible feedback for confident passage
- Suitable for people with disabilities and impairments (ADA compliant)

Proven technology you can rely on

- Proven, reliable drive technology
- HID® Barcode Reader™
- HID® U.ARE.U™ Camera Identification
- Certified middleware integration options

For fast and secure passage through every checkpoint



reddot winner 2025



DESIGN
AWARD
2026

We help streamline the journey while maintaining the level of security. The ASSA ABLOY Airport Speedgate uses advanced facial recognition to reduce wait times and limit manual document checks. The result is a smoother, more efficient passenger journey from start to finish.

One smart solution for seamless boarding

The state-of-the-art BG100 Speedgate combines proven technologies in a single, flexible platform. It incorporates HID facial recognition technology, a barcode reader, and an optional receipt printer to deliver a secure and streamlined boarding experience you can rely on.

Designed to fit your environment

Every airport is different. That's why our Speedgate is modular by design. Choose from a range of colors, premium décor frames, passage widths, glass heights, and gate lengths. The BG100 integrates easily into new or existing spaces, including ramps, finished floors, and emergency or escape routes.

Built for inclusive access

Access should work for everyone. The Speedgate accommodates and empowers passengers of all abilities with clear visual signals, audible feedback, and guided on-screen workflows—making every interaction intuitive and confident.

The future of airport access

Advanced technology meets thoughtful design to improve efficiency, safety, and accessibility—today and tomorrow.

Applications:

- Pre-Security Check
- Self-Boarding
- Lounge Access

Experience a safer
and more open world



Options

Platform for finished floor installation
Stylish design options and decors (e.g. wood)
Dynamic sound concept
Credential verification: Trusted document, Barcode reader, Facial recognition
Printer for seat change or lounge information

Solution Provider

Our offering includes all essential hardware, advanced identification technologies, extensive software offering and service capabilities

Professional Services

Count on a global team with technical and industry expertise to help plan and deploy your projects from start to finish. ASSA ABLOY is here to help maximize your technology investment.

Secure Entrance Control

ASSA ABLOY's security entrance control solutions feature innovative Airport Speedgate, exit lanes and interactive kiosks to ensure secure, swift and hassle-free passage.

Facial Recognition & Barcode Reading

Take advantage of our advanced technology, along with trusted document and barcode readers, designed to seamlessly integrate with existing airport applications.

Empower your passengers to move easily through an airport.

The ASSA ABLOY BG100 is designed to provide a hasslefree and dependable process for managing people's movement throughout the airport while ensuring secure access to relevant areas.

Equipped with advanced sensors, the Speedgate automates passenger processes. It only allows authorized passengers into controlled areas, thereby maintaining high levels of security while delivering a seamless and contactless passenger experience.

Specifications

Power supply	110 – 240 VAC, 50 / 60 Hz
Auxiliary voltage	24 VDC
Operating temperature	+0°C to +50°C
Passageway width	500 mm to 1100 mm
Cabinet length	800 / 1200 / 1450 mm
Wing heights	1000 / 1200 / 1500 mm
Minimum opening/closing times	0.7 sec (depending on passageway width)
MCBF	10.000.000 mean cycles between failures (with recommended maintenance)
Noise level	55 dB at 1 m distance
IP Protection	IP44 (conforms to EU standards)

Standard features

User guidance and status indication with LED bands and pictograms
Emergency & Escape route suitability
Certified product and proven drive technology
ADA compliance
Service App for fast commissioning, troubleshooting, statistics via smart device
Safety & Security Sensor package including trolley detection
Detection of wrong-way passage, Tailgating, Crawl-under & climb over attempts and more
Connectivity: BUS interface and configurable Inputs/Outputs, Statistics and Logs



This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!