

Specification
BG100

ASSA ABLOY

Applications	Pre-Security, Self-Boarding, Lounge access	
Design specifications	Lane height	1000 mm
	Lane length	800 / 1000 / 1200 / 1450 mm
	Passage width	540-915 mm
	Total width	1-lane width = 2x 120 mm + passage width 2-lane width = 3x 120 mm + passage width(s) 3-lane width = 4x 120 mm + passage width(s) 4-lane width = 5x 120 mm + passage width(s)
Material	Steel ground adapter & Aluminum frame and covers with: Premium powder coating, structured durable surface	
Door leaves	10 mm toughened safety glass	
Door leave heights	1000 / 1200 / 1500 mm	
	Gap between leave and floor	200 mm
Safety & Security measures	Sensors	Fully integrated sensor arrays for max. safety and security detection scenarios across the total length of the gate Covered scenarios: <ul style="list-style-type: none"> - Single person passage - Passage with cabin baggage - Tailgating detection - Wrong way detection - Climb over detection - Crawl under detection - Passage confirmation - Gate Blocking/Disturbance - Presence detection (passage area) - Sabotage
Function	Operating modes	Boarding: One-by-one passenger flow Deboarding: Gate open Locked: Closed and locked gate Emergency: Open gate to allow escape.
	Power failure	Free movable door leaves

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Indication / user guidance	Illumination light	white = idle, green = access granted, red = access denied
	Passage area frame illumination	Zone in front and after the door leaves with separately controlled LED frame lighting
	Outer frame illumination	White color ambient light
	Front indicator	Integrated lane status on the front side
	Top lid indicator	Red cross / green arrow indicator
Embedded PC	General	Fully integrated embedded PC, Microsoft Windows, located in the cabinet of the gate
	Version 1	Fully integrated embedded PC, Microsoft Windows
	Version 2 (with biometric processing)	Fully integrated embedded PC, Microsoft Windows
Interfaces and connectivity	Commissioning / troubleshooting	Via secured connection (Bluetooth, one-to-one encrypted) for quick commissioning and detailed parameter setting, troubleshooting, statistics etc. – only for authorised technicians
	Inputs / Outputs	Configurable Digital Inputs / Outputs (Relay) <ul style="list-style-type: none"> – Operating mode status / change – All alarm states – Passenger processing feedbacks
	BUS-Connection	CAN-Bus Protocol for direct integration
	USB-Connection	Gate Control via USB to allow direct integration
Electrical data	Power Supply	100 – 240V AC, 50-60Hz, 300 VA, 2 main switches per lane

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Installation	Standard	Dowelled on finished floor, floor templates available, cabinets mounted on steel ground adapter
	On a ramp (option)	Installation on finished floors (e.g. floor heating) with a self-supporting ramped platform
Norms & Certification		<p>EN 17352:2022 EN 60335-1: 2012 EN 60335-2-103:2015 EN ISO 13849-1:2015 EN ISO 13849-2:2012 EN IEC 61000-6-2:2019 EN IEC 61000-6-3:2021 EItVTR:1997-12 EN 60950-1:2006 EN 13637:2015-12 ANSI/CAN/UL 325:2017 Ed.7+R:21Feb2023 CSA C22.2 NO. 247:14 (R2019) UL2593</p>
Option	Barcode reader	Diverse barcode and document readers available
	FacePod	Face pod with 10" touchscreen and framed LED signal (red/green/white), biometrics and 7" rear screen for staff information, integrated speaker for voice / sound messages
	Printer	Thermal printer for seat imprint with Easy Load for fast paper change, accessibility from passage area (locked cabinet with key access)
Emergency exits and escape route suitability	Option 1:	Compliance with
	Push button	EItVTR:1997-12 EN 13637:2015-12 (Harmonisation currently still open)
	Option 2:	Compliance with
	ePED Display-Terminal	EItVTR:1997-12 EN 13637:2015-12 (Harmonisation currently still open)