BAISEN ACCESS

HIGH-SECURITY INTERLOCK DOOR

Controlled pedestrian passage for sensitive and high-security entrances



Secure Interlocking Passage

A motorized, bidirectional security booth designed to control one-person pedestrian passage. The circular stainless-steel and tempered-glass enclosure supports integration with access control, intercom, presence sensing and optional identity verification.

Typical applications

Airports, laboratories, data centers, financial facilities, secure offices and restricted technical areas.

MODEL, READER, SAFETY LOGIC AND EMERGENCY BEHAVIOR MUST BE CONFIRMED FOR EACH PROJECT

Reference specifications

Item	AB1-1050	AB1-1200	AB1-1400
Outer diameter	1050 mm	1200 mm	1400 mm
Clear passage width	610 mm	700 mm	860 mm
Net weight	400 kg	450 kg	500 kg
Total height	2430 mm	2430 mm	2430 mm
Ceiling section	400 mm	400 mm	400 mm
Clear passage height	2000 mm	2000 mm	2000 mm
Drive	Motorized servo	Motorized servo	Motorized servo
Power supply	80-240 VAC	80-240 VAC	80-240 VAC
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power consumption	200 W	200 W	200 W
Logic voltage	24 VDC	24 VDC	24 VDC
Reference throughput	9 persons/min*	9 persons/min*	9 persons/min*
Operating temperature	-10 to +55 C	-10 to +55 C	-10 to +55 C
Relative humidity	Up to 90%, non-condensing	Up to 90%, non-condensing	Up to 90%, non-condensing

* Excluding access-control verification time. The source states MCBF of 2 million cycles or 2 years when recommended maintenance is followed; contractual use requires model-specific supporting documents.

Core configuration

- Stainless-steel upper casing and structural frame
- Tempered-glass mobile obstacles and side panels
- Programmable controller with I/O and RS232 interface
- Two 24 VDC motors with progressive deceleration
- Electromechanical locking with configurable power-failure behavior
- Presence sensors and anti-pinch reopening logic
- Passage lighting and red/green status indication

Project options

90-degree passage, backup battery, face recognition, voice messages, entry/exit sensors, alternative finishes, RS485, RS232-to-LAN converter, intercom, milky glass, built-in frame and technical-floor support.



AB1-1050



AB1-1200



AB1-1400