

Argus Air Interlock

Secure access and immigration process



Advantages

- We offer a full face recognition system from a single source. Third-party hard- or software can also be integrated.
- Integration of all common barcode, NFC, RFID and ID document scanners.
- Elevated door leaves for increased security
- Different passage widths depending on user groups
- Different large interlock interiors and unit lengths as required
- Easy service access thanks to optimally arranged components
- Full separation of drive and locking forces for high personal safety and object security
- High-quality modular design based on the prize-winning Argus Edition

Argus Air Interlock is a physical barrier for access control and automated immigration processing. The turnstile has been developed and designed based on the Argus Air series.

Slim, aesthetic design

The Argus Air Interlock combines the consistent design and distinctive aesthetic of the Argus Air family of products. Its slim profile and aesthetic design makes it an eye-catcher. Its flexible and modular design enables numerous adjustments and thus offers a high degree of customisation. Its elegant layout fits seamlessly with the design language of the Argus Air series and sets new standards for technology design.

Modularity

The Argus Air Interlock offers numerous options: different colours and surfaces can be selected, either pre-configured or customised from the available Argus surfaces. Elevated door leaves ensure the highest levels of security with a height of up to 1,800 mm at the entrance and exit. The passage width can be extended by up to 915 mm for more comfort or barrier-free use. Integrated operating elements enable easy control of both door leaf pairs.

In addition, its modularity offers different interlock interiors, which can be selected in stages from 1,950 to 2,500 mm.

Add-ons

A dormakaba FacePod with a 10" display and face recognition is optionally available. Different designs, from 2 step/2 obstacle to 1 step/2 obstacle, suit different requirements. Additional functions such as signalling systems as well as ambient and door leaf lighting not only offer user guidance but also stylish design. The Argus Air Interlock combines security and aesthetics at the highest level. The installation of common barcode and document readers for airport applications is planned. Customer devices with project-specific adjustments can also be integrated.

Argus Air Interlock

Standard units

Construction	Interlock height	990 mm
	Interlock length	2,870 mm
	Passage width	540 mm
	Total width	963 mm
	Housing, inserts, drive cover, swing tube	The housing, the inserts at the front and back, the drive cover and the swing tube are all made from aluminium. The glass cover on the side is partly transparent.
	Blocking elements	One pair of door leaves, each made from 10 mm transparent toughened safety glass with an upper edge of 990 mm on both the entrance side and the exit side.
	Sensors	The sensor system is integrated in the guiding elements.
Function	Drives	Drives are integrated in the swing tube. Power-assisted motion; two servo-positioning drives/electrically controlled in the main passage direction. Horizontal light grille in the passage area for personal protection and presence detection, and vertical light grilles in front of the barrier elements for separating people. Integrated crawl-under protection and detection of children and trolleys or other hand luggage.
	Safety	Monitoring of door leaves' pivoting range by the same sensor system.
	Type of operation	Basic position closed: "Night operation": The door leaves open in the direction of passage, once authorised, and then close again.
Electric components		Control system and power supply integrated in the unit.
	Power supply	100–240 VAC 50/60 Hz, 300 VA
Installation		Dowelled on finished floor level (FFL). Not suitable for outdoor installation!

Options

Versions	Single units and multiple units 2 step / 2 obstacles or 1 step / 2 obstacles
Interlock interior	2,150 mm or shortened unit with an interior of 1,950 mm
Passage width monitored by sensors	Passage width 540 – 915 mm.
Door leaf increase with 850 mm drive unit	Upper edge of door leaf 990 mm up to 1,800 mm (10 mm toughened safety glass).
Scanner installation	The installation of common barcode and document readers for airport applications is planned. Customer devices with project-specific adjustments can also be integrated.
Biometrics	FacePod with 10" screen and central light with LED signal (red/green). Optional touch function, biometrics and 7" screen on the back for staff. Or installation preparation for customer device.
User guidance	Red/green LED status indicator in the housing on the right, integrated on entrance side. Animated process icons on optional FacePod.
Surfaces	Anodised C0 (Silver), Anodised C31 (stainless steel), powder-coated according to RAL
Emergency exits and escape routes	SafeRoute terminal incl. licenses for up to 6 units. Door leaves are freely movable / doors move to open position

Any questions? We will be happy to advise you and look forward to hearing from you.