



Argus Air Boarding

Efficient Boarding

Argus Air Boarding is a flat designed sensor gate with highly effective separation. It ensures reliable boarding.

Convenience from end to end

Argus Air sensor barriers support passengers and staff throughout the entire process, from access to the security area to automated border control. They enable seamless transitions with a single registration. The sound ergonomic design of the systems guides users intuitively. The hygienic touch-free use facilitates access with luggage, wheelchairs or children.

Security as a design principle

The modular structure of Argus Air Boarding ensures flexible security according to the respective requirements. The door leaves can be raised up to 1,800mm upper edge. They thus ensure greater security against being penetrated.

The improved sensor system offers a very high separation accuracy. Swapping, i.e. the exchange of persons, as well as double entries can be virtually excluded.

Efficiency continued

The optional standard interface with camera and display records facial features very quickly. It clearly informs the user in words and pictures about the access process and status. The modular design of Argus Air Boarding also allows the installation of third-party components or other options, e.g. printers for indication of seat changes. It very easily accommodates 2D barcode readers of all common makes.

The complete separation of load and control currents ensures trouble-free data streams. The components are arranged in a comprehensible way for quick and easy service. And for the safety of object and persons, drive and locking forces are separated.

Your advantages

- We offer the full face recognition system from one single source. Third-party hardware or software may also be integrated.
- NFC and e-passport reader available
- Optional printer with Easy Load: superfast paper change included
- Elevated door wing heights for better penetration prevention
- Full component traceability
- Full separation of load and control currents for trouble-free data streams
- Easy service access thanks to understandable arrangement of components
- Full separation of drive and locking forces for high personal safety and high object security
- High-class modular design based on the prize-winning Argus office edition

Argus Air Boarding Sensor Barriers

Basic equipment

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Construction	Interlock height	990 mm
	Interlock length	1,650 mm
	Passage width	540 mm
	Total width	991 mm
	Housing, base columns, guiding elements	Profile and inlay elements in the hand rail and in the front of the side panels are made of aluminum with RAL 9006 (White Aluminum) powder coating. Side cover is 6mm toughened safety glass in NCS S 1002-B (White). Glass cover on entrance side is partly transparent.
	Blocking elements	Two door leaves made of transparent toughened safety glass 10 mm with a row of light grey squares, upper edge 990 mm.
	Sensors	The sensor system is integrated in the guiding elements.
Function	Drives	Integrated in the swing tube. Power-assisted motion; two servo-positioning drives/electrically controlled in main passage direction. Passage area with presence recognition by horizontal light grid and separation by vertical light grid right before the blocking element in main passage direction. Integrated prevention of crawling underneath, detection of children and trolleys. Safety: monitoring of pivoting range of door wings by same sensor system.
	Operation modes	Basic position closed: 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
	Standby power consumption	17 VA
	Behaviour in case of power failure	Door leaves are freely movable.
Installation		Dowelled on finished floor level FFL. Not suitable for outdoor installation!

Options

Version	Single and multiple units available
Sensor-controlled passage width monitored	Passage width 900 mm/915 mm.
Door leaf increase with drive unit 850 mm	Upper edge of door leaf 990 mm up to 1,300 mm (toughened safety glass 10 mm).
Scanner installation	Diverse barcode and document readers available. Customer devices may also be integrated (depending on size).
Facepod	Face pod with 10" screen and middle light with LED signal (red/green). Optional touch function, biometrics and 7" rear screen for staff. Or installation preparation for customer device.
Printer	Thermal printer for seat imprint with Easy Load for fast paper change.
User guidance	Illuminated RFID icon in white, red and green/White-red-green running light integrated in the hand rail/Animated process icons on optional facepod
Ambient lighting	In the passage area LED white K4000/On the outside LED white K4000/Additional red and green for status display
Use in emergency exits and escape routes	STV-ETS module for activation of emergency exits and escape routes. Integrated SafeRoute terminal incl. licenses for up to 6 units. Door leaves are freely movable/doors move to open position
Boarding Gate Reader	Basic license, additional NFC, biometrics, touch screen, and lounge access functions. Pax Check and Pax Control licenses and further modules available.