Argus Air

moving security

Argus Air sensor barriers: The new formula for an efficient passenger flow.
Modern airports now delight travellers and visitors with a wide range of amenities. With cinemas, shopping malls, ice skating rinks or butterfly gardens, they are sometimes already the real destination for people.

But the prerequisites for the “airport experience” are a smooth passenger flow and more comfort – this applies to business travellers as well as to families with children and people with mobility impairments. Naturally, airport operators and airlines place greater emphasis on maximum process efficiency. Nowadays, all aspects must be combined to everyone’s satisfaction.

Reality meets vision.
But what challenges do we have to face? Passenger numbers are constantly rising, and security requirements are becoming more and more demanding, as are peoples expectations. Everyone in the industry knows the relevant buzzwords by now: One ID, end-to-end passenger process, biometrics, immigration process or seamless travel, to name just the most important ones. In the end, however, it always boils down to a few things – to optimize the airport experience for everyone involved, to maximize all security aspects and to standardize the airport infrastructure wherever possible.

53 million flights
The number of flights is expected to increase from 35.5 million in 2016 to up to 53 million in 2040.*

Lars Rosenberger, VBO Airports & Airlines dormakaba

*Source: German Aerospace Center (DLR), 2019
The number of air passengers worldwide is expected to more than double in the next 20 years – from around 4 billion in 2016 to over 9.4 billion in 2040.*

2016

2040

The demands of the future are great, but also incredibly exciting. We, as the experts in the industry, can make the difference here and are looking forward to those great challenges.”

Time for more comfort and security. Time for a perfect solution. dormakaba is a global player of the first hour. We have always striven to improve the passenger process and are constantly developing our products in close cooperation with our international customers. This is how the idea of modularity was born, which ensures that our solutions can be networked with a wide variety of systems and technical connections in the future. With the ability to accommodate a wide range of biometric technologies, we also increase sustainability, efficiency and security. Introducing one of the best, most flexible and economical gate system on the market: the new Argus Air generation.
PAX-Flow = Included.

Our new Argus Air gate solutions for airports also ensure efficient and ergonomic passenger flow thanks to biometric scanners. They cover the most important touch points in the passenger process from end to end:

**Argus Air Security**
Airport personnel are supported by our eGates for controlled access to the security area - smoothly and efficiently. The biometric recognition data securely links the individual characteristics with the boarding pass or ID document.

**Argus Air Boarding**
eGates for self-boarding support ground personnel with high speed and precision. This also gives them more time for individual support.

**Argus Air Lounge**
The automated access to the lounge relieves the staff, who can thus look after their guests individually and at a high level. The bidirectionality enables a comfortable process when entering and leaving the lounge area.

**Argus Air Border**
Secure and efficient passport control ensures clarity and supports border officials with biometric face recognition with fast border control management.

**Argus solutions for airports**
- 10” LCD colour display with integrated biometric face recognition
- Extremely low false acceptance and rejection rates thanks to the latest sensor technology with new light grid technology.
- High-end sensor technology: effective person and object detection by high frequency sensors and optimized algorithms
- Anti-swapping function prevents people from swapping with other people
- Intuitive user guidance through animated LED lighting
- Multicolored, configurable ambient and door lighting
- Slim and quiet drive unit
- Control unit of the current generation, UL requirements fulfilled
- Components and user interfaces arranged on the basis of the specific ergonomic studies and many years of experience
- Flexible integration of the desired components in a modular housing
- Fast boarding process with contactless control using biometric verification, also prevents fraudulent use of travel documents.
- Intuitive user-guidance for smooth procedures
- Staff support for better customer service

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**XEA®**
**Great design speaks every language.**
Airports are increasingly in the focus of their visitors in terms of design language. Gate solutions must also fit seamlessly into the overall picture. In its XEA design language, the new Argus is based on a holistic approach and reflects our own demands for high quality, innovation, compatibility and aesthetics.
Know who is there.
Argus Air Security.

The “self-controlled journey” begins as soon as you enter the security area. Argus Air Security ensures maximum security with a rapid flow of people.

- Access for authorized persons only
- Carried luggage and trolleys are reliably distinguished from persons
- Document readers of all common brands on the market (2D barcode readers, ID document readers etc.) can be used
- Space-saving, narrow and short construction
- Optional printer
All aboard.
Argus Air Boarding.

With seamless control, automated self-boarding provides additional security at the gate and more comfort for passengers.

• Priority and zone boarding
• Deboarding possible with the same gate
• Space-saving, narrow and short construction
• Relief of personnel, more time for passengers with special requirements
• Secure and fast identification on domestic and international flights through biometrics
• Printer with Easy Load: extremely fast and easy changing of paper rolls
You're welcome. Both ways.
Argus Air Lounge.

Guests of the business lounge expect not only first-class service, but also straightforward, convenient access authorization.

- User friendly bidirectionality
- Multiple release for taking guests with you
- Identity verification through biometrics
- Exclusive access for authorized persons
- Relief of personnel, better customer service
- Elegant, inviting design
- Space-saving, narrow and short construction
- Balancing data-based system for effective and secure localization of VIP guests