Immigration
Identity checks during arrival and departure

Our automatic inspection system has been developed to considerably accelerate identity checks during arrival and departure at airports whilst increasing security through biometric inspection. The automation of identity checks relieves security staff from routine tasks, giving them more time for passengers who really need assistance.

Low impact forces and sensitive sensors ensure maximum safety for users. The low-maintenance and energy-efficient drive unit also keeps costs down in the long term.

Passport readers and scanners for fingerprints, iris patterns and facial recognition can be individually integrated as required. We would be pleased to provide advice!

> Reliable identity checks whilst relieving security staff
> Dependable identification via biometrics and identity documents
> Short throughput cycles for high passenger numbers
> Simple integration in existing security architectures
> Permanent low costs through efficient low-maintenance technology
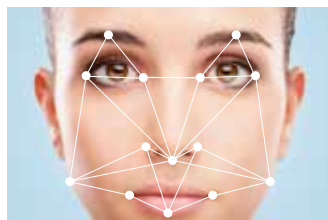

Immigration Gate
Fully automatic gate for checking conformity between travel documents and biometric features during arrival and departure at airports

The scanner at the entrance reads out the personal and biometric data in identification and travel documents and opens the entrance barrier. Identity is checked after entry on the basis of the biometric data (via fingerprint, iris pattern or facial analysis). The exit barrier opens when the match is successful. If there is no match, or the person is wanted by the police or other authority, both barriers remain closed and an alarm is triggered.

> Maximum security via comparison of biometric data
> Intuitive and user-friendly identification process
> Simple installation, setup and integration in higher-ranking systems

Detection of travel documents – installation options

Kiosk at the entrance barrier
Mounting the kiosk at the entrance barrier makes sense when database queries are possible within a short time. This ensures that the indentification process is as quick as possible.

Central kiosk
A central kiosk is practical when comprehensive database querying takes place. The security queries run while the user is on the way to the exit barrier. Only the biometric comparison takes place at the exit barrier.

Biometric detection – installation options

Installation in the column
The installation column is the simplest structural solution. It is mounted at the end of the Immigration Gate and offers space for the most varied of camera systems. The passenger's eyes are directed towards the camera in the column by means of symbols on the floor.

Installation in the bridge
The bridge at the end of the Immigration Gate not only offers space for the camera system of your choice, but also for a screen that guides users through the recognition process step-by-step.

Installation in the exit barrier
Installation in the exit barrier is the most user-friendly solution because the user directly approaches the camera. The height-adjustable camera element in the swing door can move precisely to face height, and is thus also suitable for highly accurate inspections.

Examination of travel documents
The personal biometric data stored in the passport are read out on entering the Immigration Gate and can be compared with the databases of security authorities.

Inspection of identity via biometrics
Biometric sensors inspect whether the data stored in the passport match those of the person in the Immigration Gate. Access is permitted when identity has been confirmed.

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