IER 710
SLIMGATE
AUTOMATED GATE
FOR ACCESS CONTROL & BOARDING
FOR A COST-EFFECTIVE, HIGHLY SECURE AND SEAMLESS PASSENGER FLOW CONTROL AT SECURITY CHECKS AND BOARDING:

THE IER 710 SLIMGATE

DESCRIPTION

The IER 710 SlimGate meets the stringent detection performance requirements of the passenger travel industry. The high density matrix of infra-red beams, before and after the swing doors, ensures the dynamic and predictive tracking of passengers.

The key benefit of the IER 710 SlimGate is the detection of the most challenging fraud attempts and unusual behavior:
• Tailgating attempt
• Opposite direction fraud
• Pass-back and turnaround
• In addition, it offers a highly reliable people counting function.

The two lines of horizontal infra-red beams provide waist high (1st line) and ankle high (2nd line) positioning. The 64 dual infra-red beams, linked to an algorithm library, form a high performance detection trellis controlling each passenger and preventing unauthorized penetration in the secured zone.

SELF-SERVICE BOARDING & SECURITY CHECK LANES

PASSAGEWAY WITH DOUBLE SWING DOOR

Standard Lane width: 600 mm (23 5/8")
Or ADA Wide lane width: 900 mm (35 3/7")
Standard Passageway: L 2098 x W 1006 mm (82 1/16 x 39 1/16")
Wide Passageway: L 2098 x W 1306 mm (82 1/16 x 51 27/64")

DUAL PASSAGEWAY WITH DOUBLE SWING DOOR

Standard lane width: 600 mm (23 5/8")
Twin lanes: L 2098 x W 1996 mm (82 1/16 x 78 37/64")
THE IER 710 SLIMGATE
HIGH THROUGHPUT WITH ADVANCED PASSENGER DETECTION AND MINIMAL FOOTPRINT

The IER 710 SlimGate features an elegant design that blends seamlessly into any type of architecture:

- Minimal footprint for maximum throughput
- Ergonomic user interface including barcode & NFC reader, wide colored display and optional touchscreen, receipt printer and optional biometric devices
- Precise pictograms for intuitive use and increased throughput
- Top quality assembly and finish

It has been designed to be easily customized and combined in multiple configurations:

- Customized configurations of compact standalone standard and wide lanes
- Easy adaptation to architecture style and environment

<table>
<thead>
<tr>
<th>DETECTION AND SECURITY</th>
<th>RELIABILITY AND PERFORMANCE</th>
<th>SAFETY</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-performance detection system with a matrix of infra-red beams preventing unauthorized use</td>
<td>High throughput at the boarding gate: up to 30 passengers/minute, excluding processing time of travel document</td>
<td>Dynamic, electronic user protection based on traffic direction</td>
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<td>Fast double swinging doors for immediate lane closure (&lt; 1 sec.)</td>
<td>Robust design</td>
<td>Automatic opening in case of power outage</td>
</tr>
<tr>
<td>Obstacles available from 0.8 m (31(\frac{1}{2})) to 1.7 m (66(\frac{3}{4})) height</td>
<td>Long life mechanical and motorization parts</td>
<td>Emergency stop push button at the exit of passageway</td>
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<td>Electromechanical locking to withstand forced entry attempts</td>
<td>Single or double swing doors for fast opening</td>
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<td>Audio and visual signals to indicate unauthorized usage</td>
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CUSTOMER SERVICES

Relying on a global coverage, IER Customer Services leverage exclusive tools, proven processes and dependable professionals. From basic (workshop repair, on-site maintenance…) to advanced services (audit and service designing, level 1 & 2 call center, proactive monitoring…) our focus is to ensure high availability in demanding operational environments. In order to improve our efficiency and performance, IER implements a continuous improvement methodology to eliminate as much as possible non-performance root causes.
BENEFITS

• Automation of passenger control
• Dynamic and predictive tracking of passengers
• Meets fire standards
• Reduced need for accurate control of passenger flow
• Single or double swing doors
• Ease of evolution for new functions
• Programmable extra loud audio buzzer
• 1 large colored display for better signage and information
• Integrated IER 602 barcode and RFID/NFC reader or ePassport, barcode, OCRB and RFID/NFC reader

TECHNICAL SPECIFICATIONS

Application interface
AEA2012 Boarding or embedded PC application
CUPPS compliance, certified with all major platforms

Communication
Serial, Ethernet, USB

PC board
8GB Ram, DDR, HDD 128 MB, 6 USB ports, 2 Ethernet ports
Windows 7, Intel i5, 20-100°C

Multifunction reader
IER 602 2D/1D Bar Code scanner, RFID and NFC or ePassport, 1/2 D barcode, OCRB and RFID/NFC reader

Obstacle
Swing door double, 10 mm thick monolithic glass
Obstacle heights available: 0.9 m (35\(^{3/8}\)) 1.2 m (47\(^{1/4}\)) (standard configuration), 1.5 m (59\(^{1/8}\)) or 1.7 m (66\(^{5/8}\))

Minimum opening or closing times
0.7s

Frame
Self-supporting kinematic steel

Housing
Stainless steel

Passageway for double swing door
600 mm standard (23\(^{5/8}\)) or 900 mm (35\(^{1/8}\))

Power Supply
110 - 240 VAC 50/60hz

Consumption per lane
Maximum 300 W

Motor
24V 118W

Ambient temperature
0 (32) to + 40°C (104 °F)

Ambient relative humidity in operation
< 95%, no condensation

Sound level
55 DB

Weight
Dual swing doors
• Single lane 160 kg (352 lbs)
• Dual lane 284 kg (624.8 lbs)

IP
40

Standards
CE - UL

Optional receipt printer
Direct Thermal printer 203 dpi, 80 mm (3.15") Paper width, 72 mm (2.83") Print width, 350mm/sec (13.78"/sec) Printing speed, 83 mm (3.27") max Internal paper roll diameter, Output sensor

Optional biometric camera
Aptima sensor, resolution: 2560 x 1920, CMOST techno.

Optional finger print scanner
One finger scanner FS88/Futronic, compliant with FIPS 201 standard

Optional podium
Available for temporary or permanent installation

Specifications are subject to change without prior notice and are not contractual. IER 710/EN/V6/03-2017 - Creation @ Alienor Atinault

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