

# SKYLANE



## NEW GENERATION OF AUTOMATED E-GATE FOR ACCESS CONTROL & BOARDING

THE MOST ADVANCED UNICITY DETECTION E-GATE  
OF THE MARKET

**easier**  
AIRPORT SOLUTIONS





## DESCRIPTION

Skylane double swing door e-gate offers a high throughput and uncompromising security for access control and boarding.

Biometric ready with high processing capacity and an exclusive detection system, Skylan guarantees accurate user tracking and detects any unauthorized passage.

With its elegant design, Skylan integrates perfectly into any architectural style.

Skylane is a modular product that can be installed as a single or a multi-lane array of different passage widths.

## KEY FEATURES

- Elegant design with sturdy and stable steel frame with stainless steel housing
- Biometric ready
- User-friendly bi-direction design
- Orientation pictograms indicating gate and passage status to the user
- Proprietary DIRAS detection system, with novel detection algorithms guaranteeing ensuring top-of-class performances for detection of tailgating, close tailgating and crossing fraud
- Large front extension to ease customer devices integration

## PRODUCT SPECIFICATIONS

APPLICATION INTERFACE	ITPS / AEA2018 Boarding or embedded PC application CUPPS compliance, certified with all major common use platforms
COMMUNICATION	Serial, Ethernet, USB
MULTIFUNCTION READER	OEM Zebra Barcode reader or DESKO 4X Multi Document reader
HOUSING	<ul style="list-style-type: none"><li>• Sturdy and stable steel frame with RoHS anticorrosion zinc plating treatment Visible parts of the frame are in brushed stainless steel</li><li>• Brushed stainless steel housing and panels fastened to the frame for access to the internal components</li><li>• Kraft compact phenol top surface</li></ul>
OBSTACLES	Clear, 10 mm thick tempered monolithic glass obstacles, swinging in the direction of user passage Clear, 8 mm thick tempered monolithic glass side obstacles
ELECTROMECHANICAL DRIVE UNITS	<ul style="list-style-type: none"><li>• Brushless DC permanent magnet motor with rugged, flat gearbox</li><li>• A controller providing progressive accelerations and decelerations of the obstacle, for smooth movement and enhanced user safety</li><li>• 100Nm brake</li></ul>
ELECTRICAL SUPPLY	Single phase 110 VAC (3A)-240 - VAC (5A) (+/-10%) - 50/60 Hz + Ground
POWER CONSUMPTION	Standby: 33 W - Cycle: 48 W - Maximum: 80 W
PASSENGER SCREEN	10 inches size with TFT LCD color technology and a resolution of 800 x 600 pixels Covered with shatterproof glass and fitted with anti-reflection protection
PASSAGEWAY (L)	500 to 1150 mm
TEMPERATURE RANGE/ OPERATING	+5° to +50°C
MCBF	> 10,000,000 mean cycles between failures, with recommended maintenance
NOISE LEVEL	55 dB at 1m distance
WEIGHT	147 kg (Right cabinet) - 164 kg (Intermediate cabinet) - 143 kg (Left cabinet)
IP	40
STANDARDS	CE - Conforms to European standards or UL
PC	8GB Ram, DDR, HDD 128 MB, 6 USB ports, 2 ethernet ports, Windows 11, Intel i5, 20-100°C
STANDARD DIMENSIONS	Standard Lane (600 mm passageway): L 1665 mm x W 1000 mm Wide Lane (900 mm passageway): L 1665 mm x W 1300 mm

## OPTIONS\*

- Egress operating mode: opening of the obstacles in the evacuation direction by a simple push
- Fix obstacle enlightening
- Biometric camera
- Easy-load printer: extremely quick and easy replacement of paper rolls
- Internal fan for cooling customer devices
- Tempered glass obstacle
- Podium
- White RAL color

(\*)Other customizations available on request