i720

SkyLane

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

THE MOST ADVANCED UNICITY DETECTION E-GATE OF THE MARKET

Gate 03

easier

And the world turns faster

AUTOMATIC SYSTEMS

IER

DESCRIPTION

The i720 SkyLane is the latest generation of IER eGates. This new e-gate comes with double swing door security entrance lane offering a high bidirectional throughput and uncompromising security.

With its elegant design, the i720 SkyLane is designed to integrate perfectly into any airport architectural style. Equipped with high processing capacity and an exclusive detection system, the i720 SkyLane guarantees accurate user tracking and prevents any unauthorized use.

The i720 SkyLane is a modular product that can be installed as a single or a multi-lane array and can also be combined with wide lane model.

KEY FEATURES

- Elegant design with sturdy and stable steel frame with stainless steel housing
- Tempered monolithic glass obstacles, swinging in the direction of user passage
- Orientation pictograms indicating gate and passage status to the user
- Proprietary DIRAS detection system, with novel detection algorithms guarantying top-of-class performances for detection of tailgating, close tailgating and crossing frauds
- Large front extension to ease customer devices integration

STANDARD TECHNICAL CHARACTERISTICS

APPLICATION INTERFACE	AEA2012 Boarding or embedded PC application CUPPS compliance, certified with all major common use platforms
COMMUNICATION	Serial, Ethernet, USB
MULTIFUNCTION READER	IER 602 1D/2D Bar code reader and RFD NFC or ePassport, ½ Barcode, OCRB and RFID NFC reader
HOUSING	• Sturdy and stable steel frame with RoHS anticorrosion zinc plating treatment Visible parts of the frame are in brushed stainless steel • Brushed stainless steel housing and panels fastened to the frame for access to the internal components • Kraft compact phenol top surface
OBSTACLE	Clear, 10 mm thick tempered monolithic glass obstacles, swinging in the direction of user passage. Clear, 8 mm thick tempered monolithic glass side panel
ELECTROMECHANICAL DRIVE UNITS	• Brushless DC permanent magnet motor with rugged, flat gearbox • A controller providing progressive accelerations and decelerations of the obstacle, for smooth movement and enhanced user safety • 100Nm brake
ELECTRICAL SUPPLY	Single phase 110 VAC (3A)-240 - VAC (5A) (+/-10%) - 50/60 Hz + Ground
POWER CONSUMPTION	Standby: 20 W - Cycle: 35 W - Maximum: 80 W
PASSENGER SCREEN	8.4 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
MOTORS (X2)	24 VDC – nominal output power 86 W
PASSAGEWAY (L)	600 to 1000 mm
MIN OPENING OR CLOSING TIMES	0,7 sec. (Depending of passageway & obstacle material)
TEMPERATURE RANGE: OPERATING	+0° to +50°C
HUMIDITY: OPERATING	< 95%, no condensation
MCBF	> 5,000,000 mean cycles between failures, with recommended maintenance
NOISE LEVEL	55 dB to 1m distance
WEIGHT	147 kg (Right cabinet) - 164 kg (Intermediate cabinet) - 143 kg (Left cabinet)
IP	40
STANDARDS	CE - Conforms to European standards
PC (VARIANT)	8GB Ram, DDR, HDD 128 MB, 6 USB ports, 2 ethernet ports, Windows 7 or 10, Intel i5, 20-100°C
PODIUM (OPTIONAL)	Available for temporary or permanent installation
RECEIPT PRINTER (OPTIONAL)	Direct thermal 203 dpi, 80mm (3.15") Paper width, 350mm/sec Printing speed, Output Sensor
BIOMETRIC CAMERA (OPTIONAL)	Aptima sensor, resolution: 2560 X 1920, CMOST techno
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

OTHER OPTIONAL TECHNICAL CHARACTERISTICS

- Egress
- Fix obstacle enlightening
- Internal fan for cooling of customer devices
- Polycarbonate V0 obstacle

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