i720
SKYLANE
NEW GENERATION OF AUTOMATED E-GATE
FOR ACCESS CONTROL & BOARDING
**DESCRIPTION**

The i720 SkyLane is the latest generation of IER eGates portfolio. 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.

**STANDARD TECHNICAL CHARACTERISTICS**

- **Application interface**: AEA2012 Boarding or embedded PC application
- **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
- 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

**OTHERS OPTIONAL TECHNICAL CHARACTERISTICS**

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

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