

SESAME ISL

Sesame-ISL is a one-lane, bidirectional, strong and advanced full-height turnstile gate used for outdoor application on projects with highest security & vandal proof requirements to protect perimeter from unauthorized entry. Equipped with Electro-mechanical mechanism. It is ideal for installation at Military Bases, Prisons, Oil and Gas Facilities, Factories, Ports and other security-sensitive and industrial sites.



FULL-HEIGHT TURNSTILE SERIES GUARANTEES

FULL PROTECTION OF THE TERRITORY

535
mm
PASSAGE
WIDTH

20
pers/min
SINGLE ACCESS
FLOW RATE

30
pers/min
FREE ACCESS
FLOW RATE

HCIS
COMPLIANT

IP 54/65*
PROTECTIVE LEVEL

↑ ↓
BI-DIRECTIONAL

USER SENSOR

Key features:

- Highest security level, which can make stricter force control than other type of turnstiles
- Low noise system operation
- Successful combination of affordable price and high quality
- Steadfast housing suitable for high traffic areas
- The ability to customize housing design and top lid
- Low power consumption
- Can be integrated with any type of access control systems
- Wired remote control panel in standard kit
- In case of power failure, rotor locked in both directions (fail secure)

*optional



 www.tiso.global
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Technical Specifications:

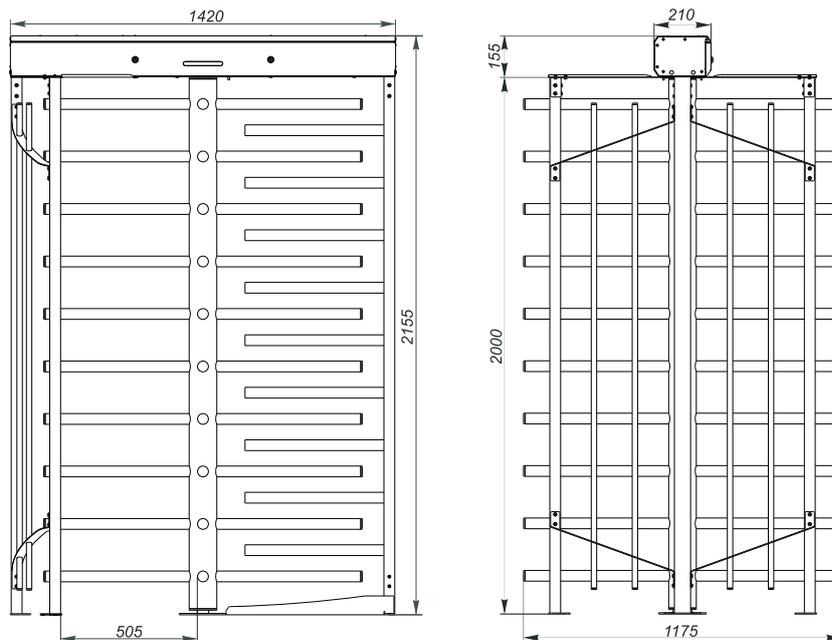
Model	Sesame ISL
Cabinet width, mm	1420
Cabinet length, mm	1175
Cabinet height, mm	2235
Passage width, mm	535
Mechanism	SafeLock-EM
Blocking system	Two electromechanical stop catches (separate locking system)
Emergency mode	Free pass in both directions
Power fail	Fail secure (entrance), Fail safe (exit)
MCBF, cycles	10 000 000
MTTR, min	< 25
Extra features (included)	Manual Override, ACS Control, Rotation Sensor, User Sensor, Auto-Lock
Standard temperature	+1°C to +60°C, IP54
Optional temperature	-40°C to +60°C, IP65
Ambient Relative Humidity Range	5% to 95%, non-condensing

Electrical Specifications:

Maximum power consumption, W	160
Voltage	From the AC (100-240)V, 50/60Hz; from a DC source 12 V

Finishing

Housing	Brushed stainless steel AISI 316 (body and rotor) Galvanized and powder coated body with polished AISI 304 rotor Other options available upon request
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Specifications are subject to change without prior notice.



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STANDARD FEATURES



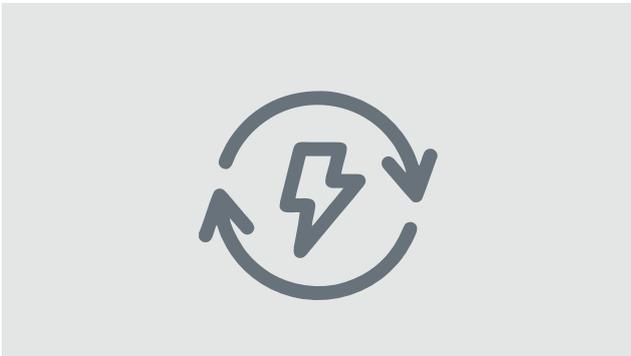
POWER SUPPLY UNIT

Operates in a wide voltage range: 88 - 264 VAC (47 - 63 Hz). A reliable power supply unit is included to the standard set of the turnstile and guarantees reliable and maintenance-free operation of the turnstile in any country worldwide.



CONTROL PANEL

The wired control panel goes in a standard set. Allows to implement a single passage, a free passage, as well as blocks an access and activates the anti-panic function.



UPS FUNCTION

Introducing our advanced UPS system, seamlessly integrated to automatically switch power to the backup battery during outages. This ensures uninterrupted functionality of our turnstile, empowering you to utilize all features even in the event of a power failure. Battery not included.

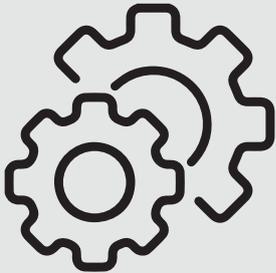


LED INDICATIONS

Introducing our RFIDLight® and DotLight® features, designed to captivate attention and enhance user experience: RFIDLight®: Illuminates card reader area. DotLight®: Displays access status.



STANDARD FEATURES



for
StrongLock-Servo

INITIAL ROTATION

The remarkably smooth movement of the rotor after an initial push is a significant advantage, as it requires only minimal pressure to initiate rotation, and the rotor completes the movement cycle on its own.



for
StrongLock-EM

SILICONE DAMPER

Silicone damper located in the rotor ensures smooth operation. It provides quiet operation of the turnstile, making it an ideal choice for facilities where excessive noise needs to be avoided.



MANUAL OVERRIDE KEY

The emergency override key for the turnstile is intended to manually unlock the turnstile in case of emergencies or power failure.

OPTIONAL FEATURES



TWIC WIRELESS CONTROL PANEL

TiSO TWIC wireless control panel has space saving 10" touch screen display and can be located at a reception desk or within security control areas.



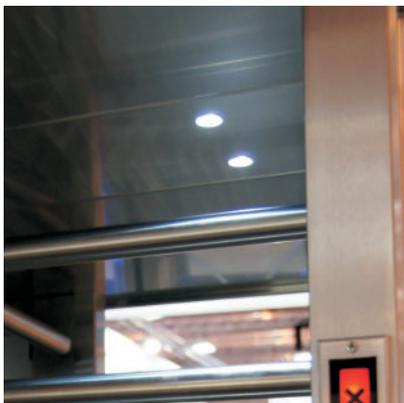
CANOPY/ROOF

A canopy or roof protect users and the turnstile mechanism from weather conditions, enhances reliability and user comfort, and extends the device's lifespan.



INTEGRATION OF CUSTOMIZED ACS

Any access control systems up on request (e.g. RFID device, fingerprint, face recognition, barcode and QRcode reader).



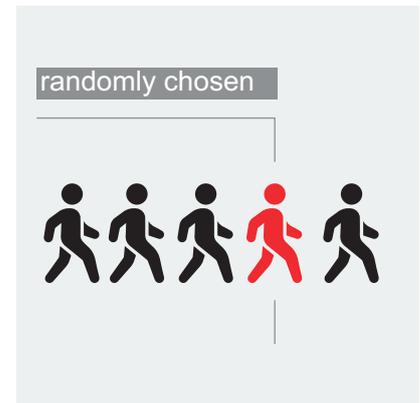
LANE LIGHT

The lane light highlights the passage area of the turnstile, providing improved visibility in low-light conditions, enhancing user safety and comfort.



EXIT BUTTON

A convenient option that allows you to organize an exit by using a touch free button.



RANDOMIZER

This mechanism automatically randomly selects a person for verification, without the influence of the human factor.



OPTIONAL FEATURES



RFID READERS T-PROX MINI

Reader operates with 125 kHz cards, Mifare, Mifare Plus and mobile credentials U-Prox ID over NFC and over 2.4 GHz radio.



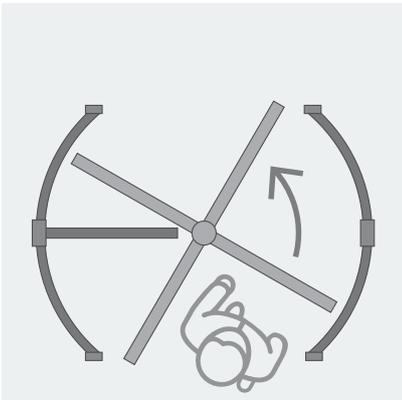
EMERGENCY DOOR

A specialized exit that provides a quick and safe evacuation route in case of an emergency.



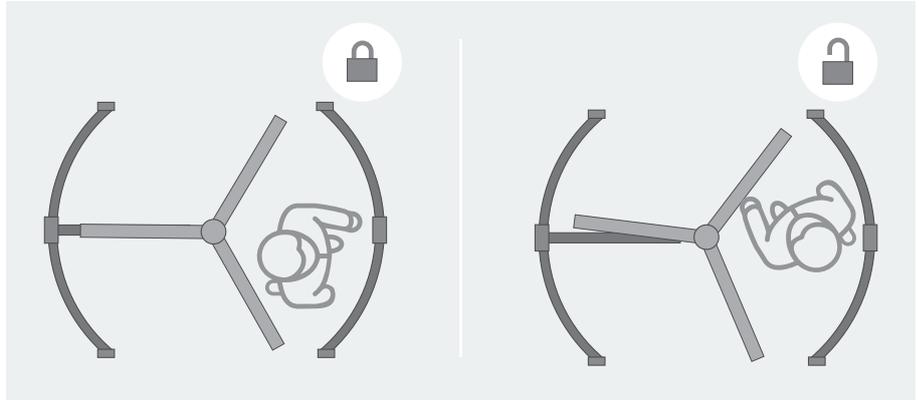
PASS COUNTER

Automatically counts the number of passes for efficient tracking and management.



AUTOROTATION (TOUCHLESS ENTRANCE / EXIT)

This allows automatic rotation of the turnstile rotor without physical contact, in response to the approaching movement of the user. This option is for turnstiles with StrongLock-Servo and TriServo mechanisms.



AIRLOCK

This function of dual authorization involves two stages: the first authorization occurs upon entering the passage line, while the second stage of authorization takes place within the passage zone.

Only after the successful completion of the second authorization, the rotor rotates fully, allowing you to exit.

OPTIONAL FEATURES



GROUND FRAME FOR INSTALLATION

A structure used for the reliable installation of turnstiles on various surfaces. It ensures the stability and safety of the turnstile and also facilitates its installation and dismantling.



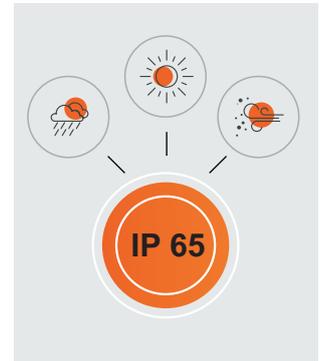
MOBILE PLATFORM

Ensures quick temporary turnstile installation. As well as can be installed in areas where it is impossible to drill the floor.



U-SHAPE ROTOR

U-shape Y-type (120°) rotor is applicable for all full-height turnstiles except Sesame-A Twin, and X-type (90°) rotor is applicable for all full-height turnstiles except Sesame-A Twin and Bicyclone.



IP65

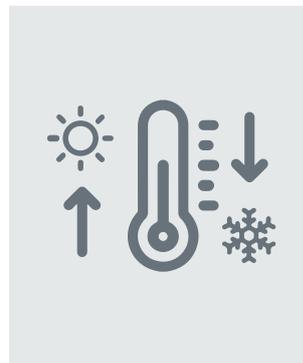
The IP65 level ensures that turnstile is protected against the penetration of solid and liquid parts such as dust and water. This makes it perfect for external installation and in harsh weather conditions.



FAIL SAFE / FAIL SECURE (NO / NC)

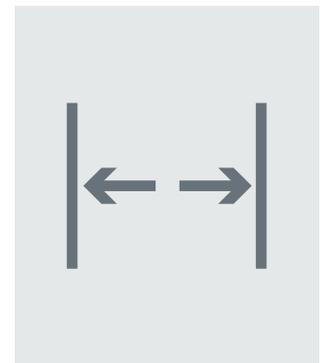
In a fail safe system, in the event of a malfunction or power failure, the turnstile automatically opens (rotor could be easily turned) or remains in the open passage mode.

In a fail secure system, in the event of a malfunction or power failure, the turnstile remains closed or locked. You can choose the option that best suits your needs.



HEATING/ COOLING OPTIONS

Heating option is advised for climates with temperatures below -10°C. And cooling is advised for climates with temperatures above +40°C.



PASSAGE WIDTH EXPANSION

Available for full-height turnstiles up to 900 mm is available, allowing for a wider entryway to accommodate varying access needs.

