

SWEEPER-S

Sweeper-S combines together all advantages of the Sweeper model and new engineering solutions.

Redesigned housing is huge advantage among other turnstiles in speed gates series. The width of one side housing is just 11 cm both for side, middle, normal and even wide lanes, which makes it the slimmest and the most sophisticated model on the security market.

Sweeper-S model is the most appropriate choice for any modern building with the limited space environment and high aesthetic demands.



SWEEPER-S MODEL WITH SPACE SAVING CABINET (110 mm) IS THE SLIMMEST AND MOST SOPHISTICATED MODEL



Key features:

- BMDrive® - a reliable mechanism with a powerful BLDC gear motor ensures long term maintenance-free operation.
- The speed gate is equipped with the smart self-diagnosing system.
- An innovative controller with an OLED display and buttons for easy setup and configuration without special programmers.
- Digital control of force and leaf speed in combination with safety sensors prevent a person from being struck by a leaf, even in case of an unauthorized passage.
- The sensor system allows detecting the passage of a person with luggage, or arranging a free exit without the need for identification.
- Elegant cabinets are equipped with integrated LED lighting showing access status and card reader area.
- The same dimensions of cabinet for normal (550 mm) and wide lane (900 mm).
- The ability to customize housing design and top lid.
- Low power consumption.
- Can be integrated with any type of access control systems.
- A wired remote control panel in standard kit.
- In case of power failure, leaves could be opened manually (fail-safe).



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TECHNICAL SPECIFICATIONS /

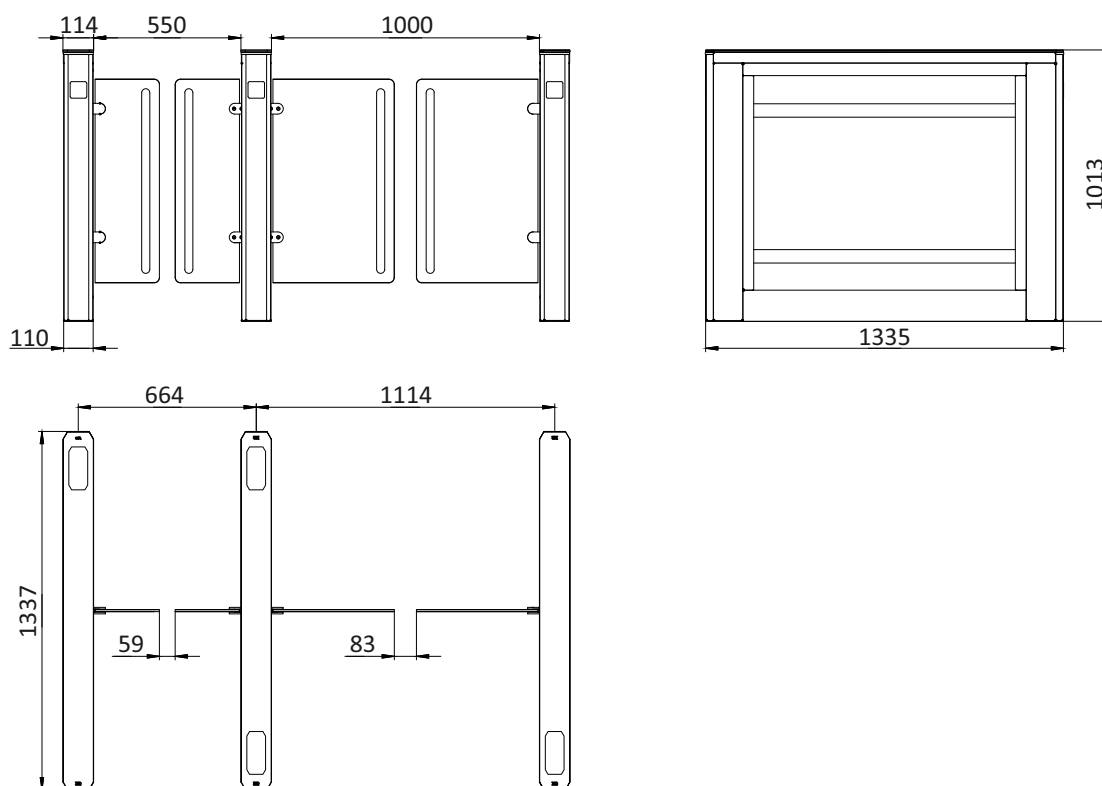
| Model | Sweeper-S 550 | Sweeper-S 1000 |
|-----------------------------|---|----------------|
| Cabinet width, mm | | 110 |
| Cabinet length, mm | | 1337 |
| Cabinet height, mm | | 1013 |
| Passage width, mm | 550 | 1000 |
| Opening/closing time, sec | 0,7 | 1,0 |
| Mechanism | BMDrive® servodrive (BLDC) | |
| Blocking system | PinLock® | |
| Emergency mode (fire-alarm) | Free entry/exit (leaves are opened automatically) | |
| Power fail | Fail safe (gates could be opened manually — standard) | |
| MCBF, cycles | 5 000 000 | |

Electrical Specifications:

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




Finishing

| | |
|-------------------|--|
| Standard housing | Brushed SS AISI 304 |
| Available housing | Brushed SS AISI 316; Polished SS AISI 304; Polished SS AISI 316; Powder coated RAL |



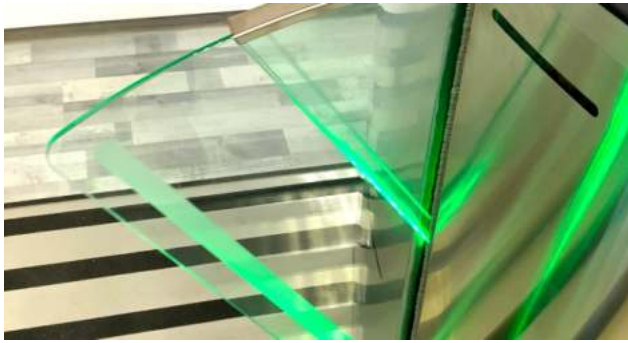
Specifications are subject to change without prior notice



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STANDARD FEATURES



LEAFLIGHT®

Impressive illumination of the leaves can be in three colors (standard), marking the status of passage: blue - standby mode; green - access authorized; red - access denied.



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.



SAFETY SENSORS, ANTI-TAILGATING FUNCTION

High-precision sensors that identify the unauthorized passage of two or more people (antitailgating function). At the same time safety sensors guarantee safe passage for people with luggage or trolleys - the gates won't close until the person finishes the passage.



UPS FUNCTION

A complex UPS system that automatically switches power to work from the back-up battery. This allows you to use all the functions of the speed gate in case of power fail.



LED INDICATIONS

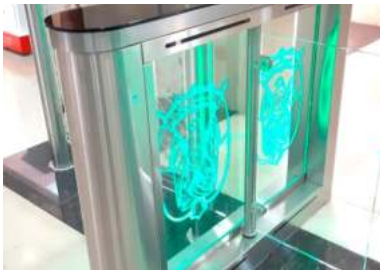
Bright and attention-grabbing RFIDLIGHT® (LED light of card reader area) and DotLight® (LED lighting display showing access status).



PLACE FOR RFID INSTALLATION

Place for RFID installation is provided in the standard configuration of the speedgate.

ADDITIONAL OPTIONS /



PATTERN APPLICATION

Unique signatures, customized patterns, logos and others can be placed on the leaves, housing or top lid of speed gates.



MP3 AUDIO MODULE

Audio signals for unauthorised access / authorised access / closing / opening / alarm.



KEYFOBS FOR RADIO REMOTE CONTROLLER

Minimalistic keyfobs for opening and blocking the passage.



INTEGRATION OF CUSTOMIZED ACS

Any access control systems upon request (e.g. RFID device, coin acceptor push button, fingerprint, face recognition, barcode and QRcode reader).



TWIC WIRELESS CONTROL PANEL

TiSO TWIC were developed for the remote control of multiple lines of turnstiles. The space saving 10" touch screen display can be located at a reception desk or within security control areas.



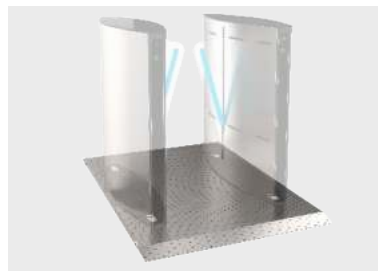
SUPER CAPASITOR

Maintenance of a free power package for emergency automatical one time opening of the speed gate.



FOOTPRINT ILLUMINATION

LED illumination of the footprint of the speed gate housing. The color of the light may vary depending on your request.



MOBILE PLATFORM

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



EXIT BUTTON

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

ADDITIONAL OPTIONS /

RANDOMIZER
RANDOMIZER
RANDOMIZER

RANDOMIZER

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



CARD COLLECTOR INTEGRATION

Possible to integrate the automatic card collector into the speed gate housing.



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.



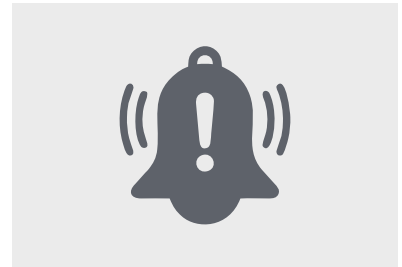
JUMPING OVER TOP LEAD ALARM

Weight sensors detect over 10 kg impact on the top lid and activate alarm.



COUNTER OF PASSAGES

Automatic counting of the number of passes.



ALARM BUZZER

Sound alarm during unauthorised access.