PHANTOM-S

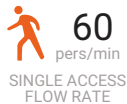PHANTOM-S – an alarm-based optical turnstile with no flaps.

Just 110 mm wide cabinets, absence of flaps and various lane width (550 – 1000 mm) make Phantom-S one of the most space saving solutions which allows to arrange easy and comfortable passage through the turnstile.

In case of unauthorized passage detected, the security service will get an alarm from the turnstile to prevent this.

A perfect balance of style, performance and security.

OPTICAL ULTRASLIM SPEED GATES PHANTOM-S FOR FACILITIES WITH INTENSIVE VISITORS FLOW

550 1000 mm	60 pers/min	60 pers/min	IP 41			
PASSAGE WIDTH	SINGLE ACCESS FLOW RATE	FREE ACCESS FLOW RATE	PROTECTIVE LEVEL	ANTI-TAILGATING	BI-DIRECTIONAL	ACCESS CONTROL SYSTEM

Key features:

- The safety sensors system allows detecting the passage of a person with luggage, or arranging a free exit without necessity of identification.

- Elegant cabinets are equipped with integrated LED lighting to display access status and card reader area.

- The same dimensions of a cabinet for normal (550 mm) and wide lane (1000 mm).

- Availability of integration with any access control system.

- Easy installation and maintenance.

- The ability to customize cabinet and top lid design as per project requirements.

- Low power consumption.

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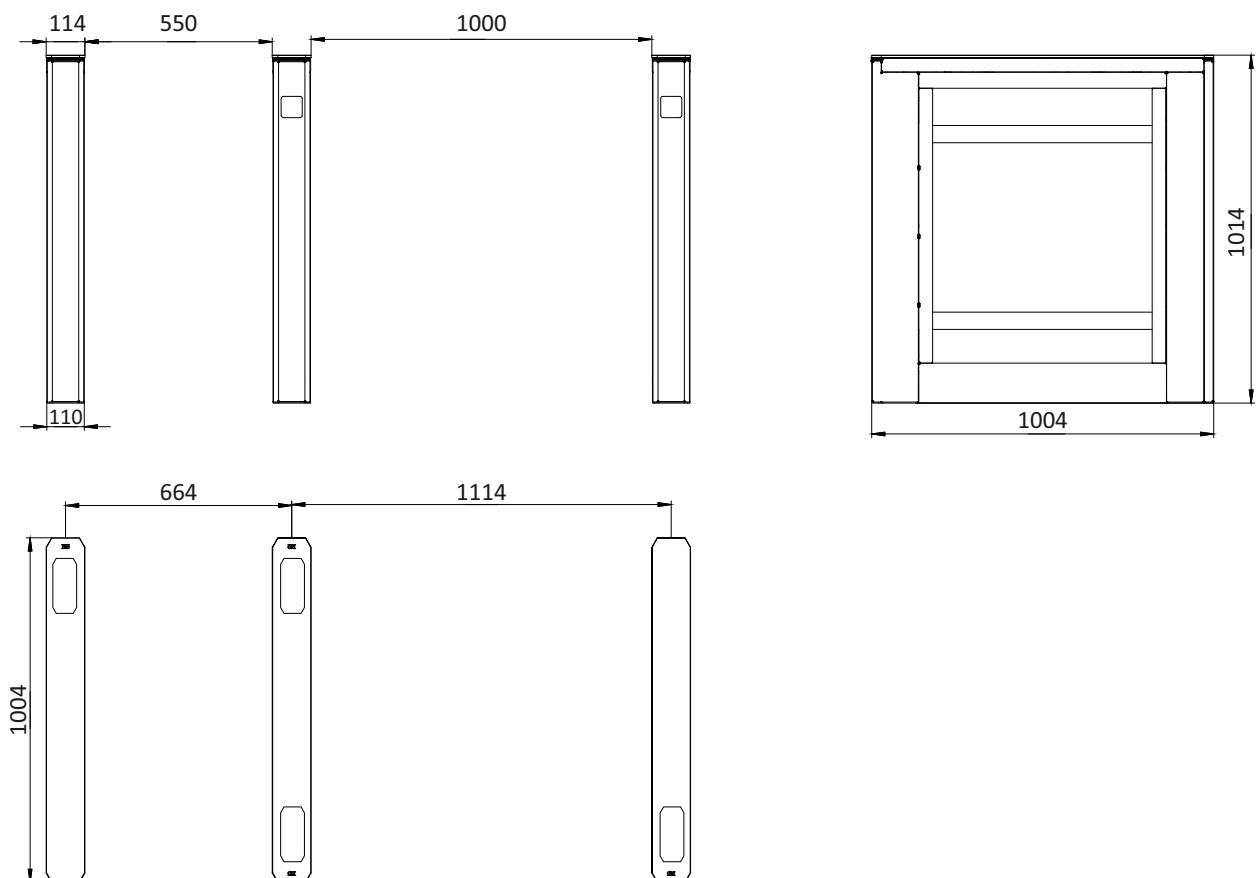sales@tiso.global

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TECHNICAL SPECIFICATIONS /

Model	Phantom-S 550	Phantom-S 1000
Cabinet width, mm	114	
Cabinet length, mm	1004	
Cabinet height, mm	1014	
Passage width, mm	550	1000
Emergency mode (fire-alarm)	Free entry/exit	
Power fail	Fail safe	
Electrical Specifications:		
Maximum power consumption, W	160	
Voltage	From the AC (100-240)V, 50/60Hz; from a DC source 12 V	
Indication	Top DotLights®, Front 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.
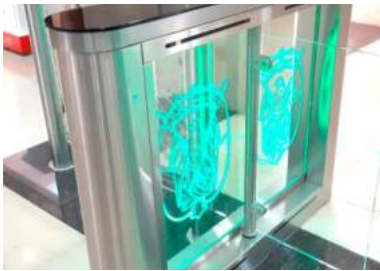

LED INDICATIONS

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.

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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.
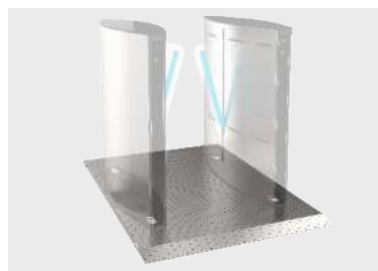

SUPER CAPASITOR

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.

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ADDITIONAL OPTIONS

RANDOMIZER

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

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.
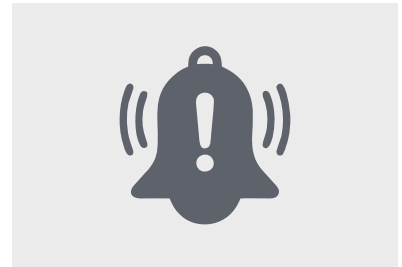

COUNTER
OF PASSAGES

Automatic counting of the number of passes.

CARD COLLECTOR
INTEGRATION

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

JUMPING OVER
TOP LEAD ALARM

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

ALARM
BUZZER

Sound alarm during unauthorised access.