# EASYGATE SG

**Easygate SG** is an absolutely new concept of the entrance control system that combines the request for high security level, user´s comfort and demands on minimum space. Simple design in combination with stainless steel  materials and glass are the main features that make this type of turnstile to be a unique and attractive component. Modern control electronics enables easy setting of operating mode and at the same time it provides the communication with different types of identification and signal systems. **Easygate SG** is designed especially for installations in prestige entrance areas, commercial offices but it is also suitable for places with large objects as are sport and leisure centres ...

**Drive unit:** FAIL-SAFE MOTOR (without power it is free-to-move)

**Design:** Easygate-SG turnstile is produced in three basic versions with different  length.

**EasyGate-SG-1000:** regarding its length 1000 mm, this turnstile is suitable to the locations where the space of installation is expressively limited.

**EasyGate-SG-1600:** regarding its length 1600 mm, this turnstile makes possible high security of the property

**EasyGate-SG-2000:** with its length 2000 mm, high-level access control through the turnstile

Turnstiles consists of two different components – SIDE cabinet and MIDDLE cabinet. By this way it is possible to create as many passages as are required. Two SIDE cabinets are needed for one basic passageway.

Turnstile enables any size of passageway width in the range of 550mm to 920 mm for EasyGate-SG-1000, and max 1200 mm for EasyGate-SG1600/2000 and in case of multi-lane configuration it is possible to combine this width in any way.

## Materials and surface finish treatment:

**Frame:** steel construction, anti-corrosive zinc protection

**Top lid:** brushed stainless steel AISI 304 (STANDARD)

customization: • wood • artificial marble • stone (granite, marble ...)

**Outer covers:** brushed stainless steel AISI 304 (STANDARD)

**Glass wings:** 10 mm clear tempered safety glass  (STANDARD)

**Glass panels of turnstile:** 6,4 mm clear laminated safety glass  (STANDARD)

## Functionality: BI-DIRECTIONAL OPERATION – ELECTRONICALLY CONTROLLED

The access is controlled by identification, touchpanel for remote control or by PC. The attempt to access (passing) of two persons one after another or the attempt at passing from both directions at the same time without previous identification of valid ID card of these two persons are evaluated and either signalled by acoustic alarm or the turnstile is promptly closed.

**Safety elements:** 8 sets of optical sensors at Easygate SG - 1000 and 10 sets of optical sensors at Easygate SG – 1600/2000 control the passing people through the turnstile corridor, detect the attempt at unauthorized passage (tailgating-two persons in tandem) and protect the passing people against injury. Control electronics enables to set up the level of security  against unauthorized passage.

## Power failure:

**In the event of power failure the turnstile can be set up in several modes:**

• glass wings stay in a present position but it is possible to open them by hand
• glass wings are opened automatically (back-up accumulator is necessary)
• glass wings can be opened automatically by superior security system

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**Fire alarm:** generated and received signal from fire alarm system to the emergency input of control electronics ensures a prompt opening of glass wings without reference to the existing state of turnstile. For this purpose either N/C or N/O voltage-free contact can be used

**Power supply:** 12V DC (+20%,-0%), 5A external power supply that meets all requirements for supply network SELV

**Input:** standby – 5W / in operation – 35W

## Accessories:
- TrafficLight Access panel - GO/STOP images based on access right confirmation/refuse from identification system
- customization of the top lid material – wood, granite, marble ...
- Back-up accumulator
- bracket for integration of proximity reader under dark glass of toplid
- TouchPanel for remote manual control of up to 4 lanes
- software for remote manual control/status monitoring of lanes via PC
- logo sanding/printing

## Weight (for the width of passage 900 mm):
Easygate SG-S-1000 (SIDE)............max. 80 kg     Easygate SG-M-1000 (MIDDLE)...... max. 105 kg

Easygate SG-S-1600 (SIDE).............max. 100 kg     Easygate SG-M-1600 (MIDDLE) .... max. 125 kg

EasyGate-SG-S-2000 (SIDE)............max. 113kg     EasyGate-SG-M-2000 (MIDDLE)..... max. 138kg

## Range of operating temperature:
10°... +50°C
-25° ... +50°C with heating module

**Maximum humidity:** 80% (for non-aggressive environment)
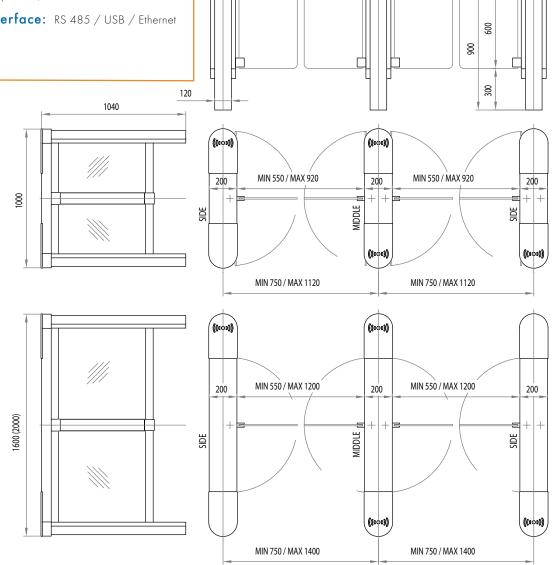
**Throughput:** max 30 persons/min

**Communication interface:** RS 485 / USB / Ethernet



**Easygate SG - 1000**

**Easygate SG - 1600**

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