

EasyGate SG & SH



EasyGate SG (round front) and SH (square front) combine high aesthetics and compact footprint into a high performance IR Beam turnstile. The open transparent cabinet design blends seamlessly into entryways and the fast moving tempered glass barrier provide high throughput capacity with an intuitive design. The EasyGate SG & SH is not just attractive but extremely reliable with a high quality motor drive and our ASIC Microprocessor control platform, it will perform for millions of cycles with minimal maintenance required. Our State of the Art detection system also minimizes false alarm while effectively preventing tailgating and fraudulent entry attempts.

Drive System: Direct Drive MOTOR (default is failsafe - without power it is free-to-move).

Configurations: EasyGate SG & SH turnstiles are available in 3 versions.

EasyGate SG/SH-1000: With a 39.4" cabinet length, ideally suited where space restrictions apply.

EasyGate SG/SH-1600: A Mid-length 63" cabinet adds additional IR beams and higher performance.

EasyGate SG/SH-2000: A longer 79" length cabinet, provides exception detection & fast throughput.

Turnstiles consist of two major components – End cabinet and MIDDLE cabinet. By combining the two it is possible to create lanes in multiple combinations to suit the desired throughput and size of opening. Cabinets can be set apart to create standard or ADA compliant walkway widths by providing appropriate glass barrier panel width for the lane.

Surface finish and materials:

Frame: steel construction with additional anti-corrosion zinc coating for long life protection (IP rated available)

Tops: brushed satin stainless steel AISI 304 (STANDARD)

(Custom top finishes: Solid surfaces: Corian, Formica / Natural stone / Wood / Glass / Laminate / etc..)

Side finishes: brushed satin stainless steel AISI 304 (custom finishes also available: Brass/Bronze, Black Stainless)

Glass Barrier Panel: 10 mm clear tempered safety glass (Options: laminated safety glass/Acrylic/Stainless Bar)

Glass side panels: 6.4 mm clear laminated safety glass (Optional materials & etching available)

Functionality: BI-DIRECTIONAL OPERATION – ELECTRONICALLY CONTROLLED Card in/out or Free-exit

The passage through the turnstiles are controlled by the access control system or by auxiliary inputs including: remote controller, workstation running T-Mon SW, emergency/Fire input. The user is provided an illuminated card reader inlay with light signals to cue them when system is ready (White color), Valid to Go (Green) or not valid or alarm (Red). Our illuminated inlay was designed to take advantage of the intuitive nature of the light as a cue for where to read a card. This greatly minimizes user training & is very user-friendly.

Safety elements: 8 sets of optical IR beam sensors for the SG/SH 1000 & 10 sets for the 1600 & 2000 are used for tailgate detection & safety sensing.

Power failure: In the event of power failure the turnstile either releases the locked barrier panel or drives it to the open position with the optional battery backup.



Fire alarm:

Dedicated input signal from Fire Alarm/Emergency into control electronics for prompt response of gate into fail safe egress mode. N/C or N/O voltage free input can be selected - gates will reset when input signal is reset.

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 Battery - option
- 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 etching & panel edge LED Illumination - Optional

Weight (these are solid heavy duty products that can withstand years of service):

Easygate SG-S-1000 (SIDE).....Approx: 176 LBS	Easygate SG-M-1000 (MIDDLE)..... Approx: 231 LBS
Easygate SG-S-1600 (SIDE).....Approx: 220 LBS	Easygate SG-M-1600 (MIDDLE) Approx: 275 LBS
EasyGate-SG-S-2000 (SIDE).....Approx: 249 LBS	EasyGate-SG-M-2000 (MIDDLE)..... Approx: 304 LBS

Range of operating temperature:

50 to 122 F
- 13F with optional heater

Maximum humidity: 80% (for non-aggressive environment)

Throughput: 50 per min – note actual pacer is access control system or human factors turnstiles

Communication interface: RS 485 / USB / Ethernet

EasyGate SH is identical with square fronts

