SPEED GATES

SG-3
SG-3 SPEED GATES
Facilitates access control in secure areas indoors.

Typical usage:
• passenger traffic ticket and access control points,
• airports/seaports,
• authorized personnel entry points, passenger flow direction,
• access control points in secure buildings (e.g. federal facilities, including border crossings, departments, other agencies and branches,
• ticket control and fee collection points at museums, theaters, exhibitions, fairs, arenas, pay toilets, ticket control points in sport facilities, e.g. swimming pools, stadiums, other multi-purpose arenas,
• access control and TNT systems in the workplace, e.g. offices, special areas in factories.
Contact-free access control.
GLAZING COLOR OPTIONS

- CLEAR
- DARK GREY
- DARK BLUE
- DARK BRONZE

FINISH OPTIONS

- Stainless steel - INOX AISI 304
- RAL 9005
- RAL 9005
- RAL 5010
- RAL 9003
- RAL 6002

*Glazing color options are available for low glass models only. High glass models are available exclusively in the clear option.

OTHER FUNCTIONS OF SG-3

1. EASY SETUP
   A control panel equipped with a display and a multifunction selector allows easy setup of functions and operating modes.

2. LED PICTOGRAMS
   Led pictograms show active/inactive traffic directions in the passage. The red color shows the inactive/blocked traffic direction (the device blocks the passage). The green color shows active/unblocked traffic direction.

3. SOUND SIGNALLING
   Sound alarm reports, among other things, unusual situations (e.g., two people trying to pass in the same or opposite directions without authorization), or unauthorized objects within the movement detection area.

4. EMERGENCY EXIT
   The gate remains open in case of a power failure.

5. SENSOR ARRAY
   System software analyses sensor signals to detect, with high accuracy, such cases as two people trying to pass under single authorization or a person passing without it.

6. OVERLOAD PROTECTION
   All gates have additional overload protection systems to stop the wings and sound an alarm if an obstacle is detected.
EXAMPLE MODULES

LOW GLASS

- System of sensors
- Glass arm

left module "SLAVE"

central module "MASTER/SLAVE"

right module "MASTER"

type of finishing

colour of glazing

HIGH GLASS

left module "SLAVE"

central module "MASTER/SLAVE"

right module "MASTER"

SG-3 MODULES

Module | Width of the passage | Glass Height
--- | --- | ---
SG-3-L650-905-INOX*-CLEAR** | 650 | 905
SG-3-L650-1300-INOX*-CLEAR** | 650 | 1300
SG-3-L900-905-INOX*-CLEAR** | 900 | 905
SG-3-L900-1300-INOX*-CLEAR** | 900 | 1300
SG-3-R650-905-INOX*-CLEAR** | 650 | 905
SG-3-R650-1300-INOX*-CLEAR** | 650 | 1300
SG-3-R900-905-INOX*-CLEAR** | 900 | 905
SG-3-R900-1300-INOX*-CLEAR** | 900 | 1300
SG-3-C650/650-905-INOX*-CLEAR** | 650/650 | 905
SG-3-C650/900-1300-INOX*-CLEAR** | 650/900 | 1300
SG-3-C900/650-905-INOX*-CLEAR** | 900/650 | 905
SG-3-C900/650-1300-INOX*-CLEAR** | 900/650 | 1300

ATTENTION:

* standard type of housing finish - AISI 304 stainless steel (INOX); Non-standard type of housing finish - stainless steel, powder coated, RAL color

** standard type of glazing - colorless; Non-standard type of glazing - specify the color at the stage of ordering

www.TURNSTILES.us / www.entrapass.com / 8641 S. Warhawk Road, Conifer, CO 80433 / 303-670-1099
MECHANISM
- Auto system to slow down the movement of arms approaching full-open/full-closed positions,
- Fast and precise wing drive system,
- Passage clearing system in case of power failure (auto wing unlocking),
- Arm positioning system (movement synchronization).

THE DEVICE CONSTRUCTION
- Simplified fixing to a foundation due to glued anchor bolts (anchors not included),
- The gate is made of AISI 304 stainless steel with black powder-coating finish.

ELECTRONIC SYSTEM
- Steering input (0V signal) for each traffic direction individually (e.g., a card reader, a control panel, a coin dispenser, a remote control, a firefighting system),
- Feedback signal output (0V signal) informing about a passage of a person based on an authorising signal,
- A higher priority input for excluding the section from operation (e.g., from the building management system),
- The highest priority input for clearing/opening the passage section (e.g., from the firefighting system),
- Functions: option to set operating modes (free passage or passage with authorization for each traffic direction separately), storing control signals during an operating cycle, sound alarm, LED alarm, variable wing movement speed, auto calibration and quick setup using the built-in control panel.

NOTE:
Standard finish includes AISI 304 (INOX) stainless steel and clear glazing.
Standard glass height is 905mm.
Any non-standard dimensions of the passage must be agreed with the manufacturer.

MARKINGS OF DEVICES SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Module</th>
<th>Glass Height</th>
<th>Finish Options</th>
<th>Glass Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG-3</td>
<td>650</td>
<td>905</td>
<td>INOX</td>
<td>CLEAR</td>
</tr>
</tbody>
</table>

Examples of markings:
- SG-3-C650-905-RAL5010-DARK BLUE - central module (width of the passage 650mm, glass height 905mm, finish type RAL5010, glass color: Blue.
- SG-3-R900-905-RAL9006-BRONZE - right module (width of the passage 900mm, glass height 905mm, finish type RAL9006, glass color: brown.

NOTE:
Standard finish includes AISI 304 (INOX) stainless steel and clear glazing.
Standard glass height is 905mm.
Any non-standard dimensions of the passage must be agreed with the manufacturer.

PARAMETER SG-3-L/R SG-3-C

<table>
<thead>
<tr>
<th>Specification</th>
<th>SG-3-L/R</th>
<th>SG-3-C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply voltage</td>
<td>24 V DC</td>
<td>24 V DC</td>
</tr>
<tr>
<td>Minimum power consumption</td>
<td>50 W</td>
<td>50 W</td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>180 W</td>
<td>180 W</td>
</tr>
<tr>
<td>Current draw at start-up</td>
<td>4 A</td>
<td>8 A</td>
</tr>
<tr>
<td>Operation temperature</td>
<td>0° to +60°C</td>
<td>0° to +60°C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-30° to +60°C</td>
<td>-30° to +60°C</td>
</tr>
<tr>
<td>IP protection rate</td>
<td>IP 40</td>
<td>IP 40</td>
</tr>
<tr>
<td>Maximum operation flexibility</td>
<td>85 %</td>
<td>85 %</td>
</tr>
<tr>
<td>Wing opening/dosing time</td>
<td>1 sec</td>
<td>1 sec</td>
</tr>
<tr>
<td>Main cabinet material</td>
<td>INOX AISI 304</td>
<td>INOX AISI 304</td>
</tr>
<tr>
<td>Device wing</td>
<td>hardened glass 8 mm</td>
<td>hardened glass 8 mm</td>
</tr>
</tbody>
</table>

OPTIONAL EQUIPMENT*

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transformer</td>
<td>A 230/24V transformer or 110/24V</td>
</tr>
<tr>
<td>Control panel</td>
<td>A control panel for the pedestrian traffic manual control</td>
</tr>
</tbody>
</table>

* Optional equipment is not included with the device.

KEY:
- Steering from the outside - an S/UTP strand
- 24 V supply - 0MY wire 3x1.5mm
- Foundation

www.TURNSTILES.us / www.entrappass.com / 8641 S. Warhawk Road, Conifer, CO 80433 / 303-670-1099