


SPEED GATES
SG-3 SERIES





Capacity
On the highest level.

Setting

Easier than ever before.

SG-3 SPEED GATES

Facilitates access control to secure areas indoors.

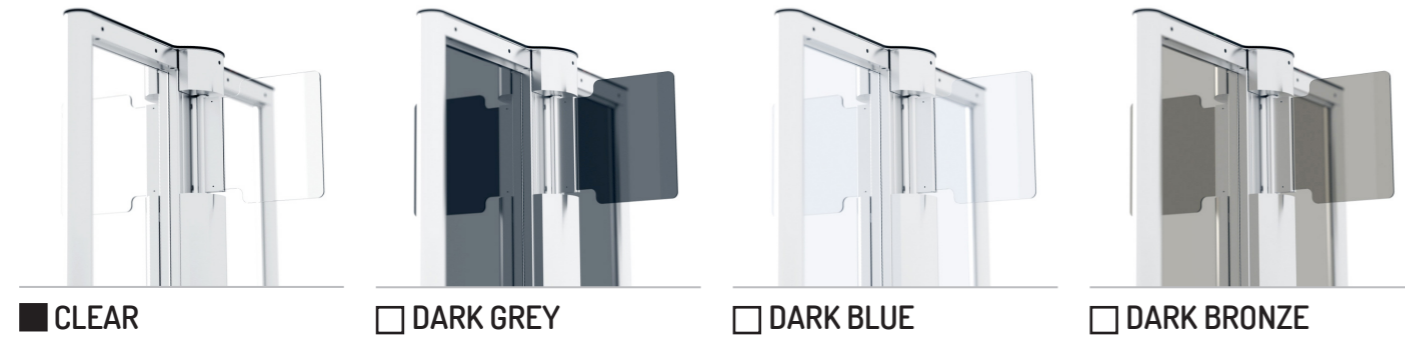
Typical usage:

- 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
 - ❖ 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

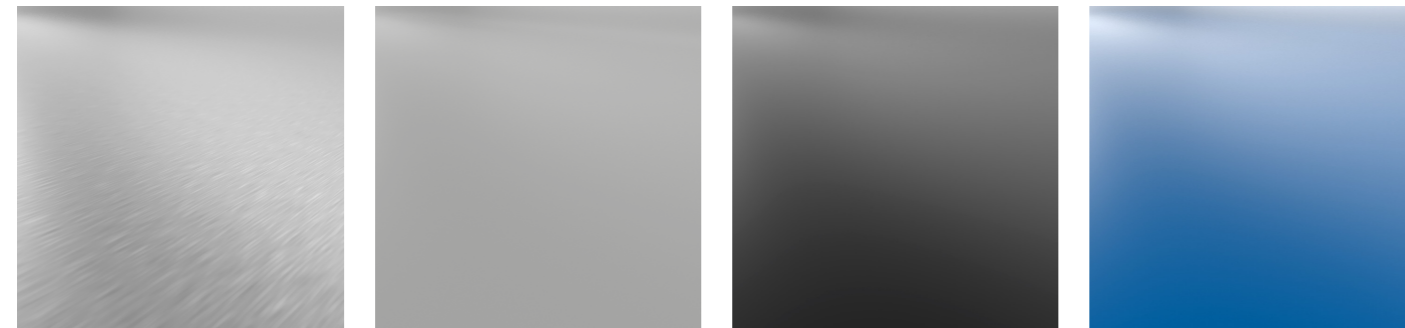
□ DARK GREY

□ DARK BLUE

□ DARK BRONZE

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

FINISH OPTIONS



■ Stainless steel - INOX AISI 304

□ RAL 9005

□ RAL 9005

□ RAL 5010



□ RAL 6002



□ RAL 9003

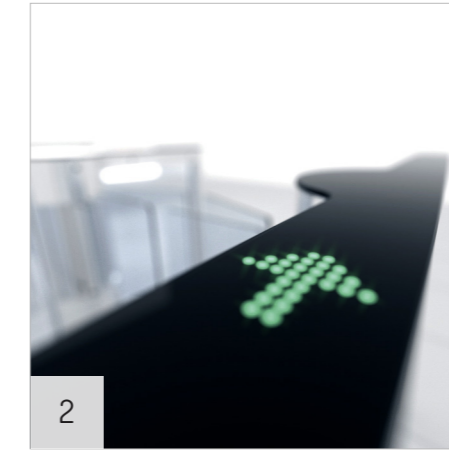
■ Standard finish

□ Non-standard colour/non-standard finishing

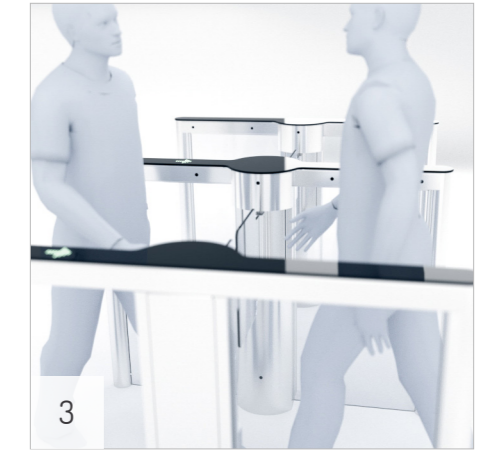
OTHER FUNCTIONS OF SG-3



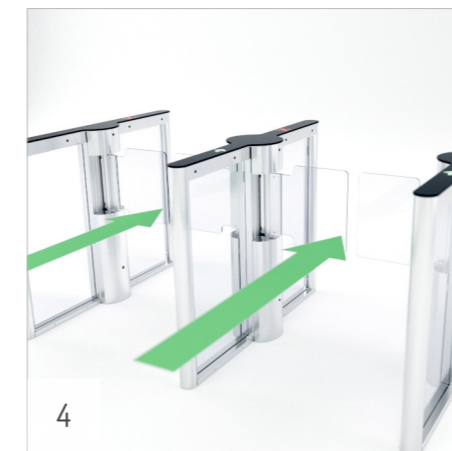
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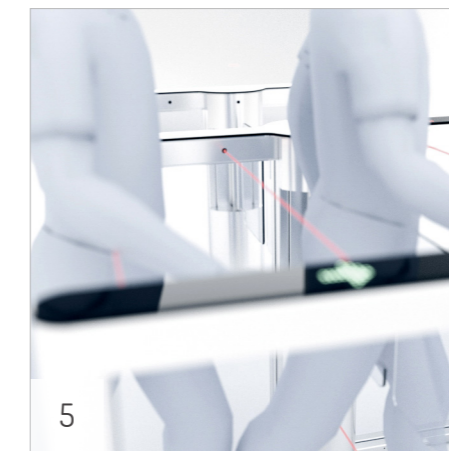
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4



5



6

1. EASY SETUP

A control panel equipped with a display and a multi-function 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 object within the movement detection area.

4. EMERGENCY EXIT

The gate remains open in case of a power failure.

5. SENSOR ARRAY

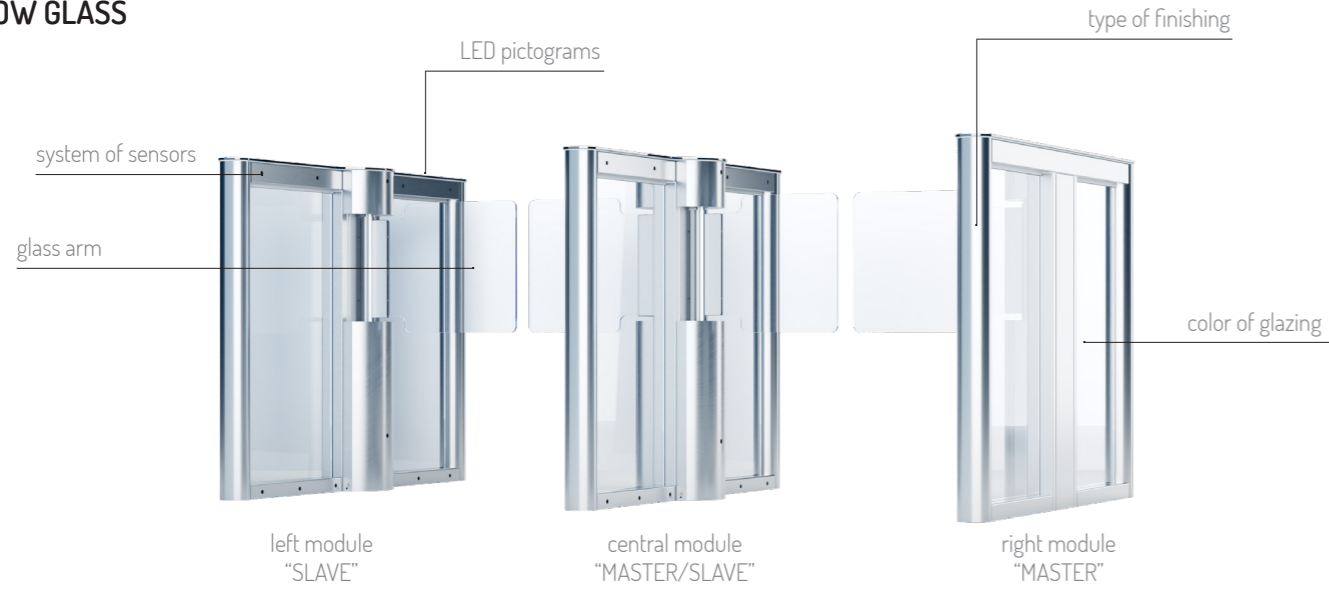
System software analyzes sensor signals to detect, with high accuracy, such cases as two people trying to pass under single authorization or a person passing without it.

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

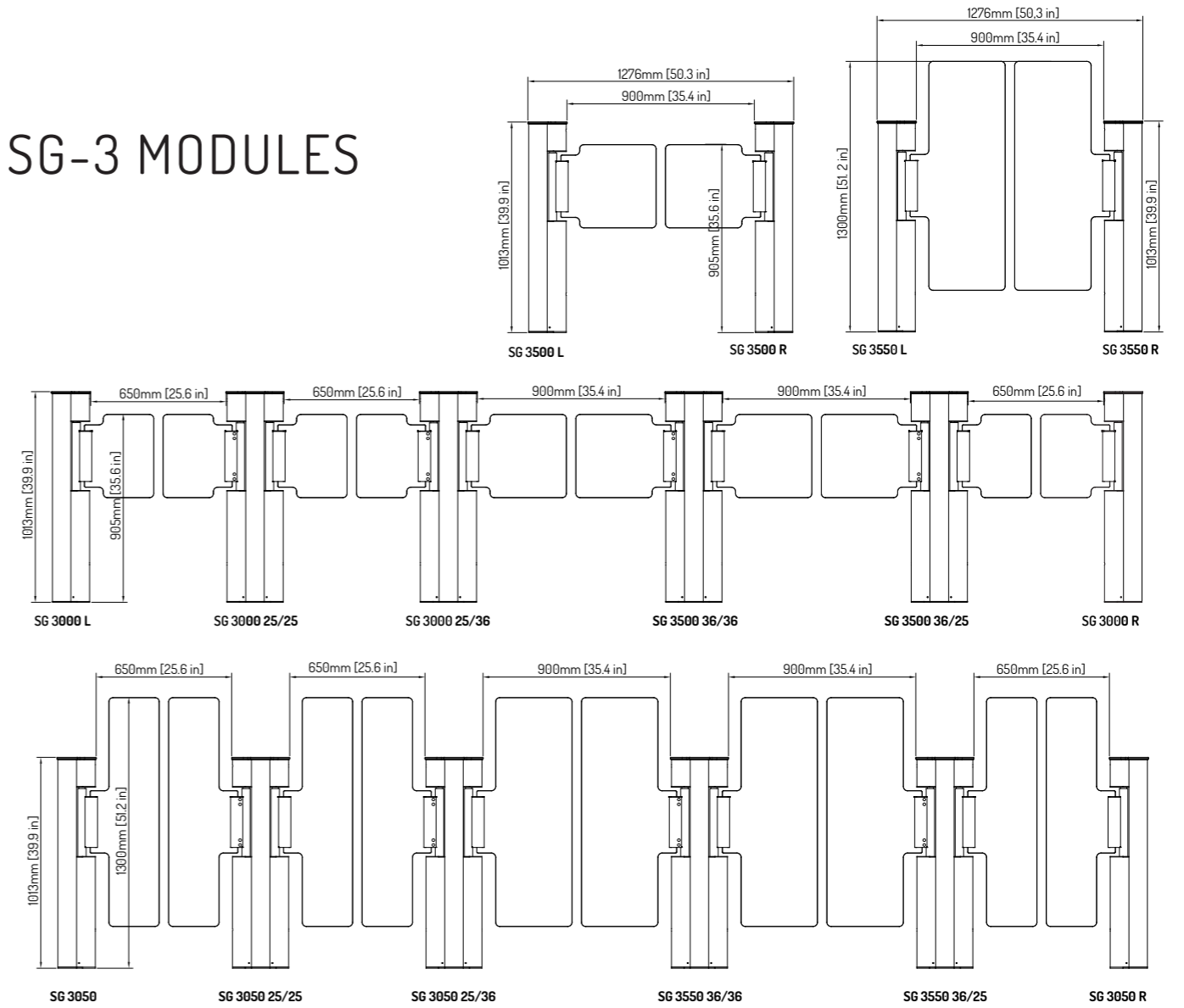
LOW GLASS



HIGH GLASS



SG-3 MODULES



Module	Width of the passage	Glass Height
SG-3000* L -CLEAR**	25.6"	35.6"
SG-3050* L -CLEAR**	25.6"	51.2"
SG-3500* L -CLEAR**	35.4"	35.6"
SG-3550* L -CLEAR**	35.4"	51.2"
SG-3000* R -CLEAR**	25.6"	35.6"
SG-3050* R -CLEAR**	25.6"	51.2"
SG-3500* R -CLEAR**	35.4"	35.6"
SG-3550* R -CLEAR**	35.4"	51.2"
SG-3000* 25/25 -CLEAR**	25.6"/25.6"	35.6"
SG-3000* 25/36 -CLEAR**	25.6"/35.4"	51.2"
SG-3500* 36/25 -CLEAR**	35.4"/25.6"	35.6"
SG-3550* 36/25 -CLEAR**	35.4"/25.6"	51.2"

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

SG-3 - TECHNICAL PARAMETERS

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).

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.

MARKINGS OF DEVICES AND EXAMPLES

Model	Passage Width	Glass Height from floor	Finish Options	Glass Color Options
SG-3	0	0	0	CLEAR
Result: SG-3000 = Standard width, standard glass height, standard finish.				
SG-3	5	5	5	CLEAR
Result: SG-3555 = ADA passage width, high glass, powder coating finish.				

STANDARD (0)

Standard passage width is 26.5 in (650mm)

Standard glass height is 35.6 in (905mm).

Standard finish includes AISI 304 (INOX) stainless steel and clear glazing.

UPGRADE (5)

Upgraded passage (ADA) width is 35.4 in. (900mm)

High glass is 51.2 in. (1300 mm) from floor to top of glass

Upgraded finish is powder coating in any RAL Classic color

Note: Any non-standard dimensions of the passage must be agreed with the manufacturer.



Additional materials and how-to videos available at www.gastopgroup.com

ELECTRONIC SYSTEM

- Steering input (0V signal) for each traffic direction individually (e.g. a card reader, control panel, coin dispenser, remote control, firefighting system),
- Feedback signal output (0V signal) informing about a passage of a person based on an authorizing 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.

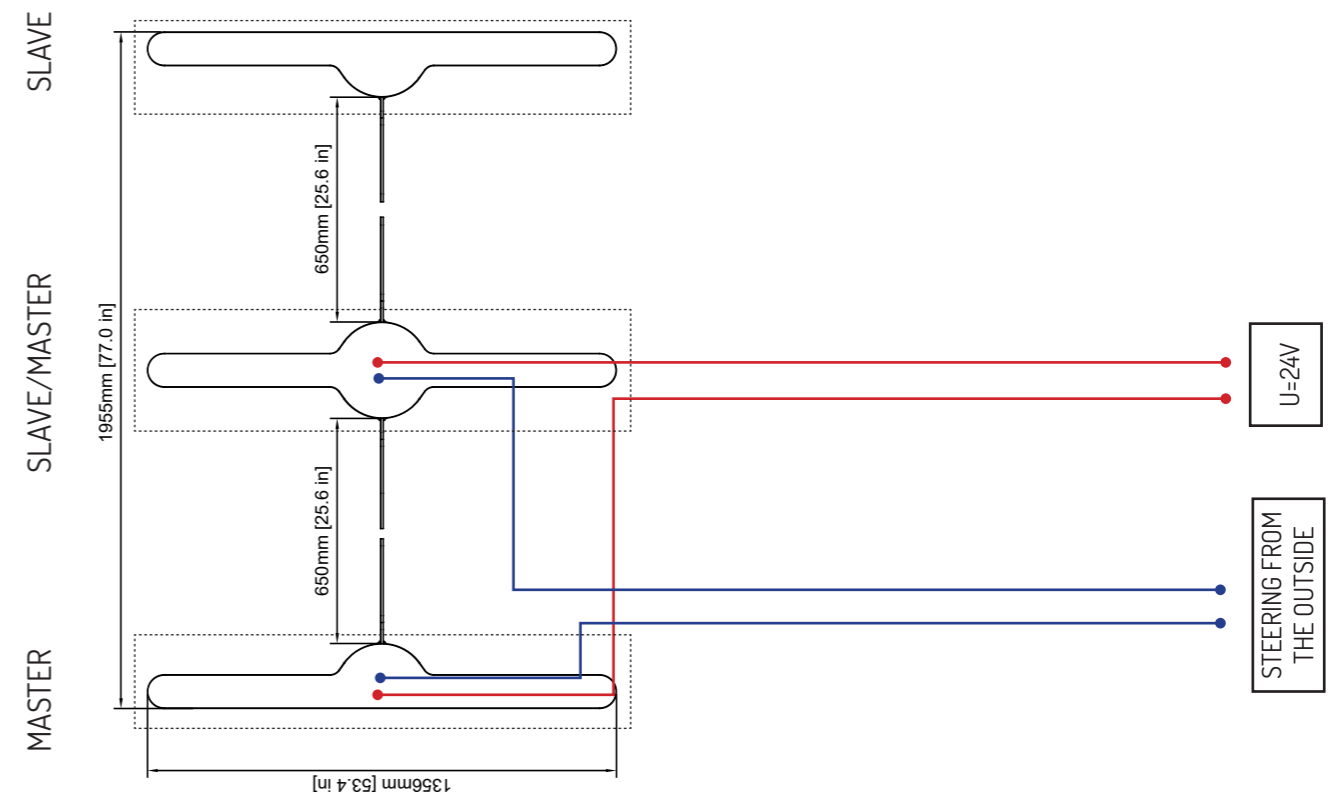
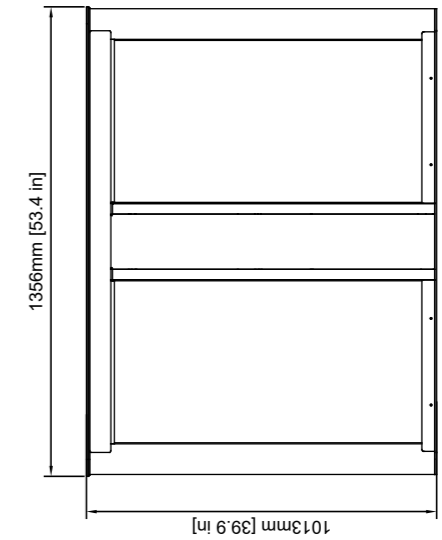
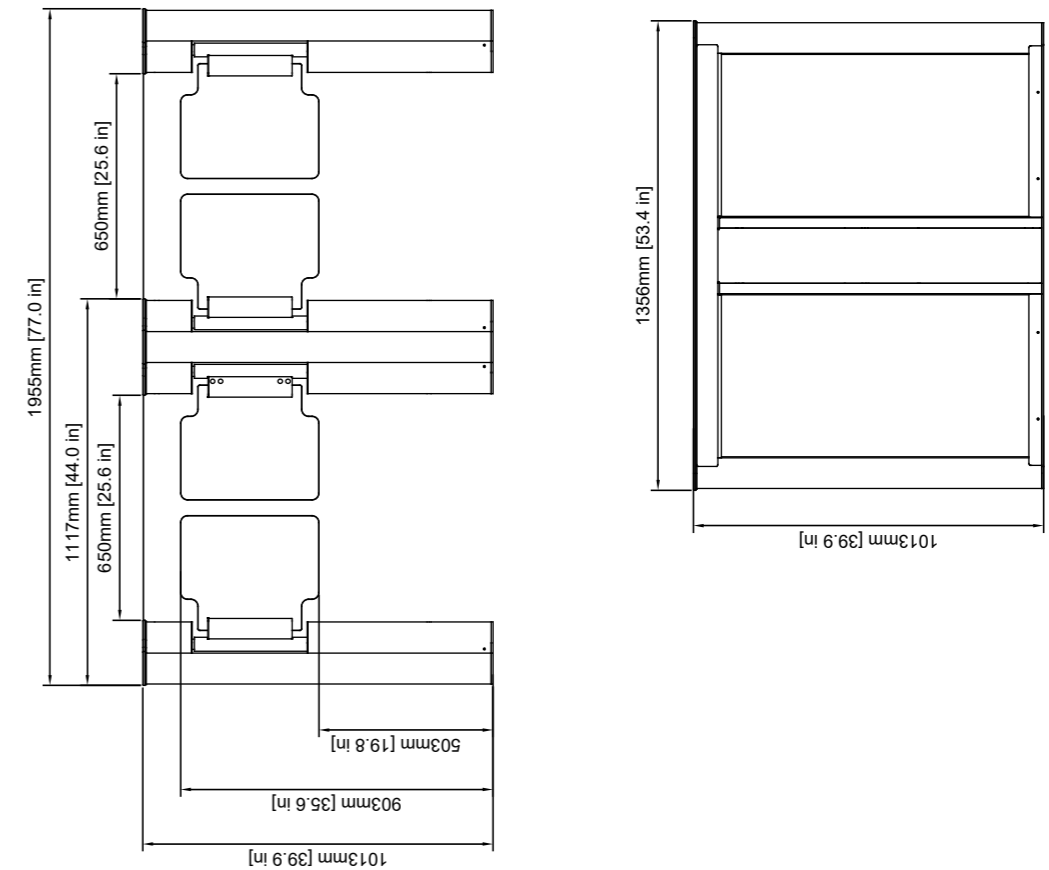
SPECIFICATIONS

PARAMETER	SG-3 -L/R	SG-3-C
Power supply voltage:	24 V DC	24 V DC
Maximum power consumption:	90 W	180 W
Minimum power consumption:	30 W	60 W
Current draw at start-up:	4 A	8 A
Operation temperature:	0° to +50° C [32° to 122°F]	0° to +50° C [32° to 122°F]
Storage temperature:	-30° to +60° C [-22° to 140°F]	-30° to +60° C [-22° to 140°F]
IP protection rate:	IP 40	IP 40
Maximum operation humidity:	85 %	85 %
Wing opening/closing time:	-1 sec	-1 sec
Main cabinet material:	INOX AISI 304	INOX AISI 304
Device wing:	hardened glass 8 mm	hardened glass 8 mm

OPTIONAL EQUIPMENT*

Name	Description
Transformer	A 230/24V transformer or 110/24V
Control panel	A control panel for the pedestrian traffic manual control

* 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



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