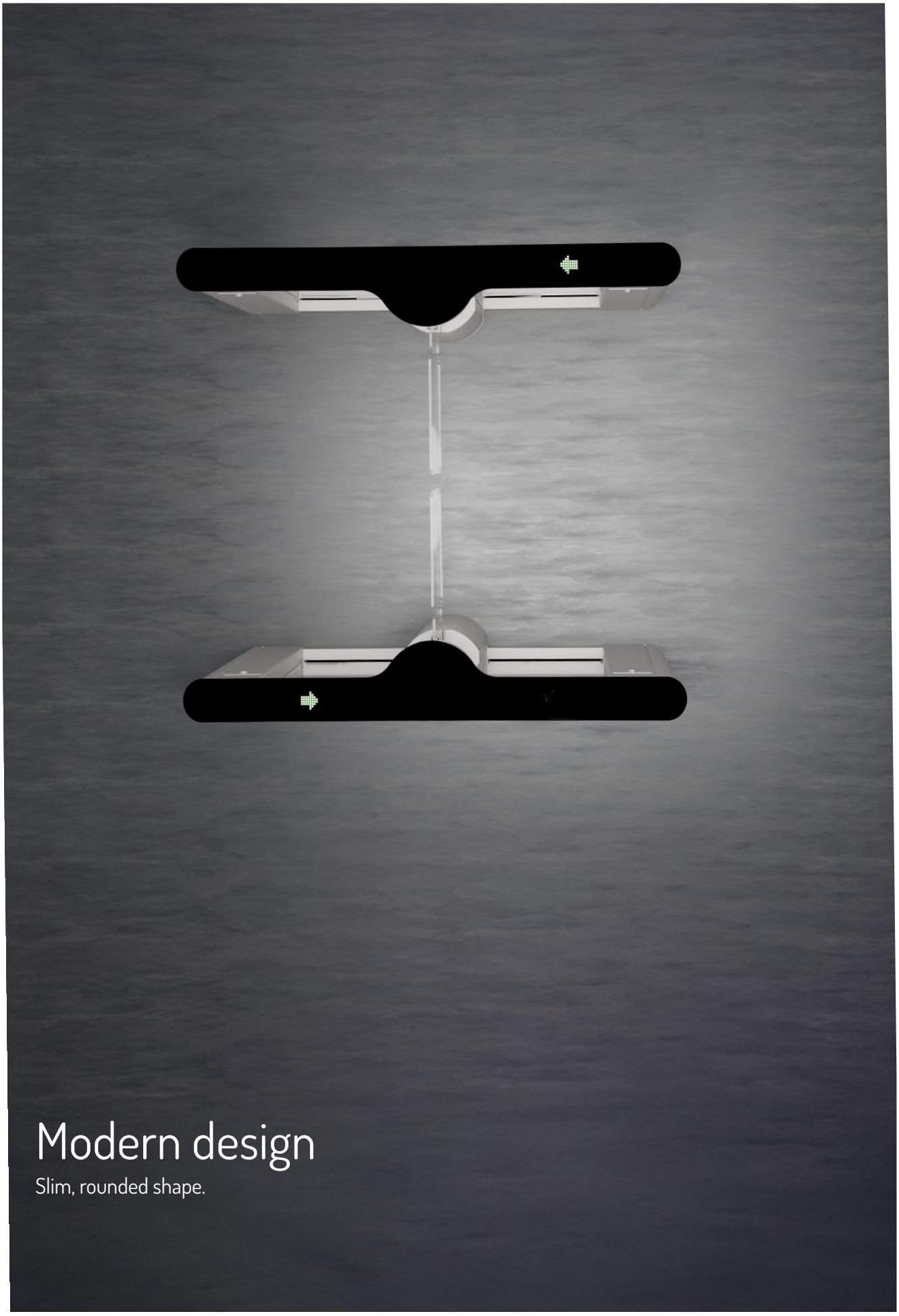
TURNSTILES.us

SPEED GATES

SG-3 v3

www.TURNSTILES.us | patrick.mcallister@TURNSTILES.us | 303-670-1099

TURNSTILES.us



Modern design

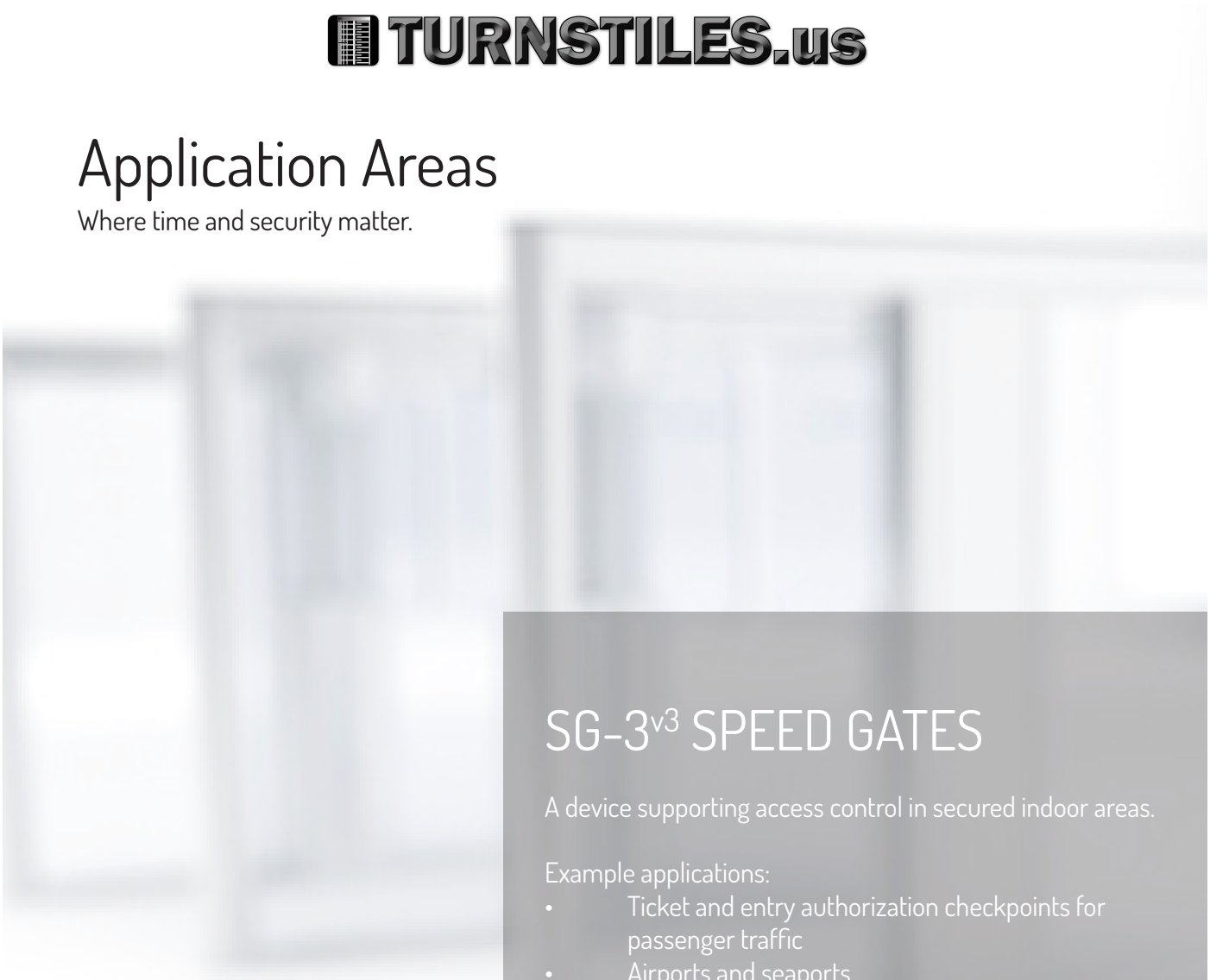
Slim, rounded shape.

www.TURNSTILES.us | patrick.mcallister@TURNSTILES.us | 303-670-1099

TURNSTILES.us

Application Areas

Where time and security matter.



SG-3^{v3} SPEED GATES

A device supporting access control in secured indoor areas.

Example applications:

- Ticket and entry authorization checkpoints for passenger traffic
- Airports and seaports
- Access points for authorized service personnel
- Passenger flow management
- Entry authorization checkpoints in protected buil dings (e.g., government facilities such as border crossings, ministries, and other state services)
- Ticket and payment control points in museums, theaters, cinemas, exhibitions, fairs, event venues, paid restrooms
- Ticket control for sports facilities such as swim ming pools, stadiums, and other sports and entertainment venues
- Access control and working time registration in workplaces (e.g., offices, factories, restricted areas within company premises)

TURNSTILES.us

Security

TURNSTILES.us

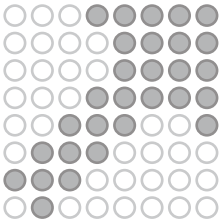
Touchless access control

www.TURNSTILES.us | patrick.mcallister@TURNSTILES.us | 303-670-1099

SG FUNCTIONS

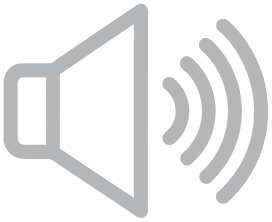
EASY CONFIGURATION

Easy setup of operating modes and functions via a control panel with a display and navigation controller.



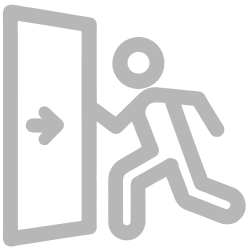
LED PICTOGRAMS

Visual indicators (LED pictograms) signal the active or inactive directions of movement within the passage. A red cross indicates a blocked or disabled direction (the device prevents passage), while a green arrow indicates an enabled direction of movement.



AUDIO SIGNALING

Audio alerts notify users of potential irregular situations (e.g., an attempt by two people to pass simultaneously or in opposite directions without authorization) or the detection of an unauthorized object in the monitored area.



EMERGENCY EXIT

Fire alarm integrations through access control panel supported for Emergency Exit use

SENSOR SYSTEM

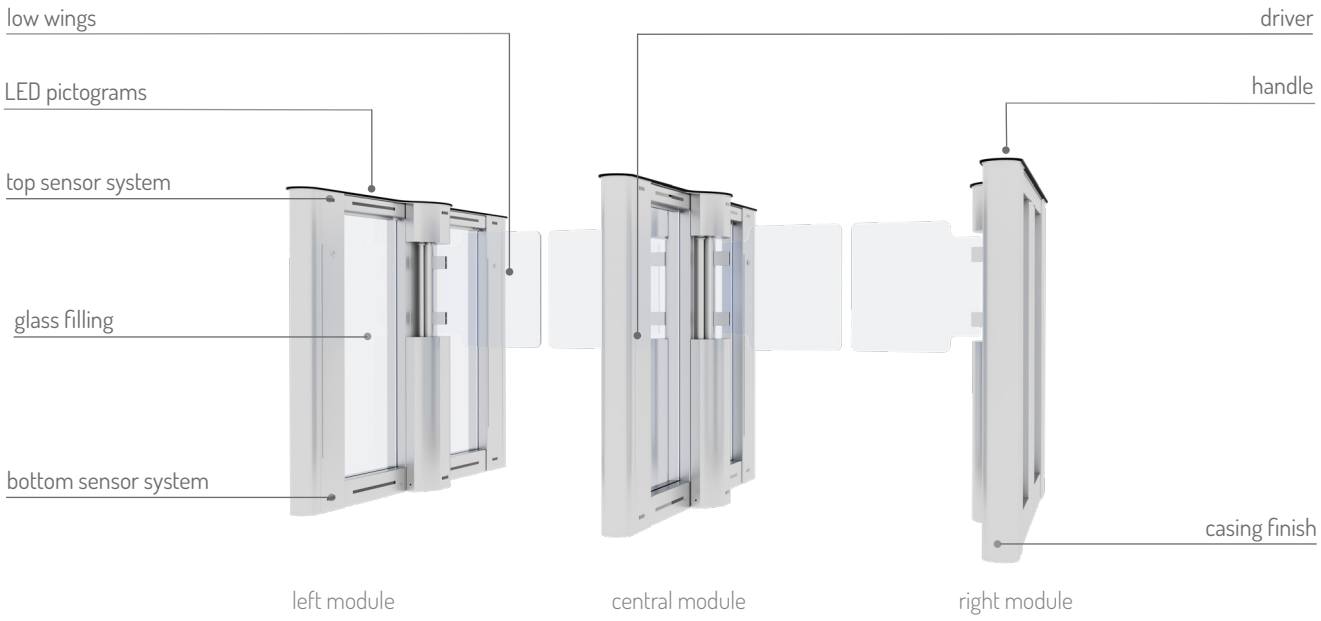
The processor-based software analyzes signals from the sensor system to help detect situations such as an attempt by two people to pass with a single authorization, unauthorized access, intrusion, or an attempt to crawl under the device's barrier.

QUIET OPERATION

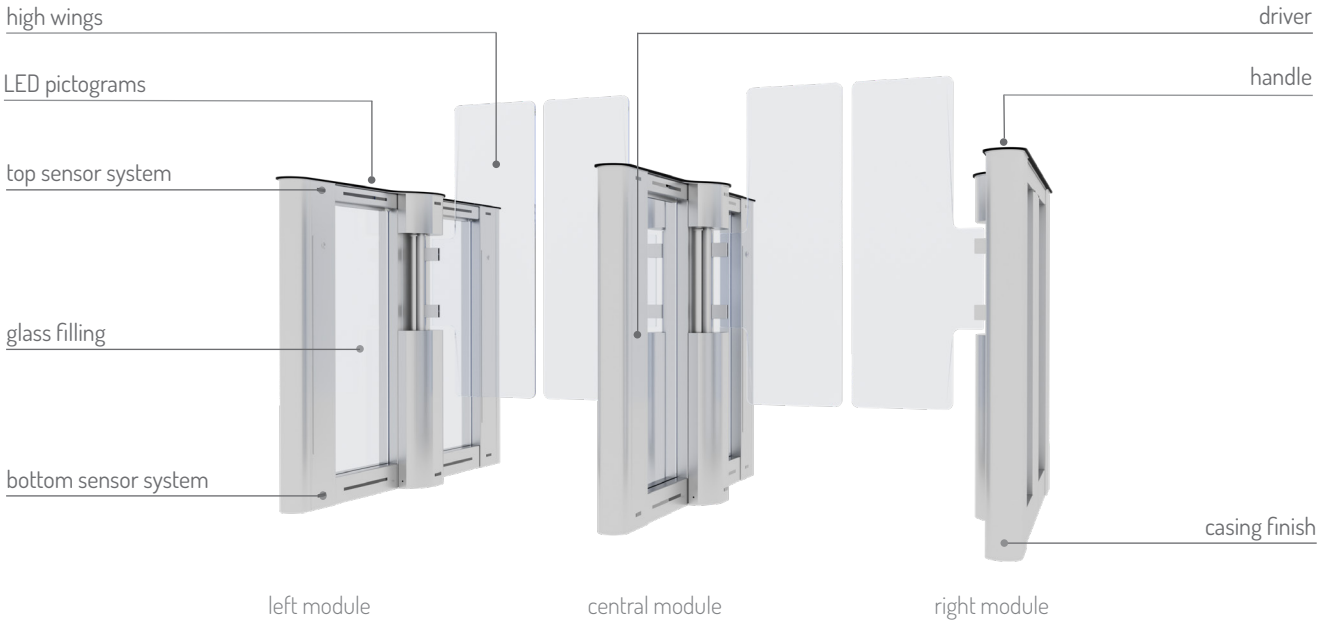
The devices are equipped with a mechanism designed for quiet operation.

EXAMPLE MODULES

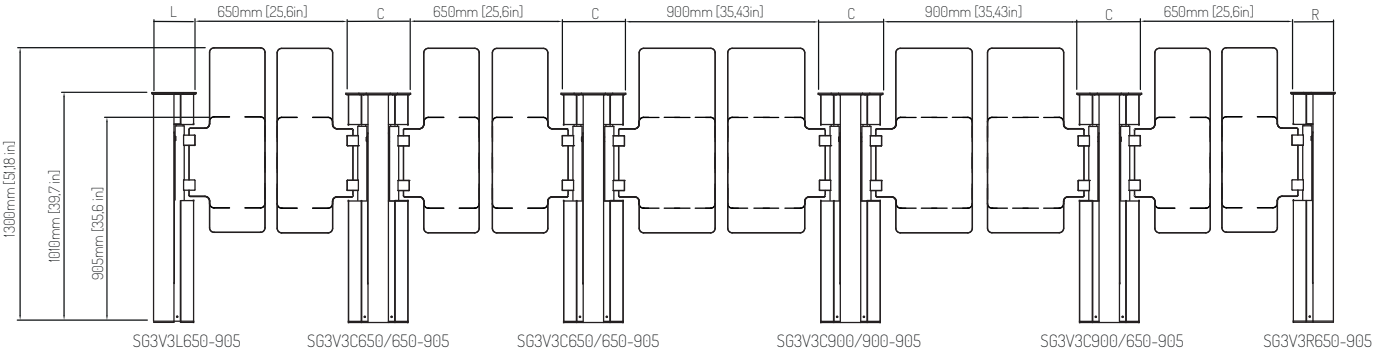
LOW GLASS



HIGH GLASS



DEVICE DIMENSIONS

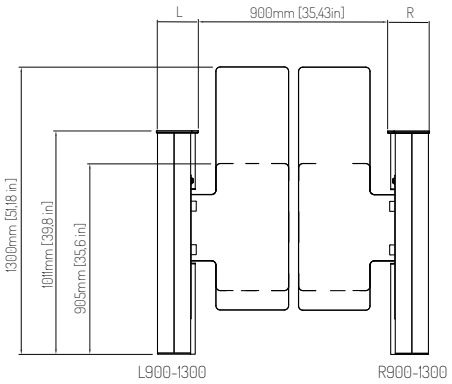


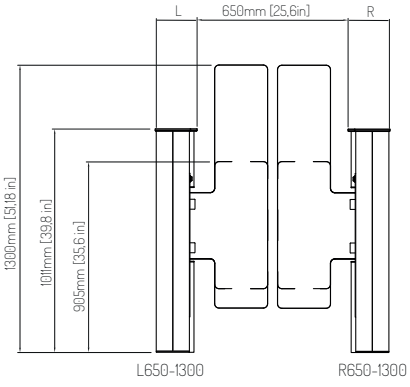
MODULAR WIDTH

MODULE	WIDTH
L (left)	197 mm [7,76 in]
C (central)	286 mm [11,26 in]
R (right)	197 mm [7,76 in]

MODULE NOTATIONS

Module	Width of the passage mm/In	Glass height mm/In
SG-3V3-L650-905	650 / 25,6	905 /35,6
SG-3V3-L650-1300	650 / 25,6	1300 /51,18
SG-3V3-L900-905	900 / 35,43	905 /35,6
SG-3V3-L900-1300	900 / 35,43	1300 /51,18
SG-3V3-R650-905	650 / 25,6	905 /35,6
SG-3V3-R650-1300	650 / 25,6	1300 /51,18
SG-3V3-R900-905	900 / 35,43	905 /35,6
SG-3V3-R900-1300	900 / 35,43	1300 /51,18
SG-3V3-C650/650-905	650/650 25,6/ 25,6	905 /35,6
SG-3V3-C650/900-1300	650/900 25,6/35,43	1300 /51,18
SG-3V3-C900/650-905	900/650 35,43/ 25,6	905 /35,6
SG-3V3-C900/650-1300	900/650 35,43/ 25,6	1300 /51,18





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

- External casing of the device made of AISI 304 stainless steel
- Glass handles made of tempered glass dyed in the mass in black
- Gate wings with construction fillings made of tempered glass

CONTROL

- 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 move--ment speed, auto cali bration and quick setup using the built-in control panel.

ADDITIONAL OPTIONS

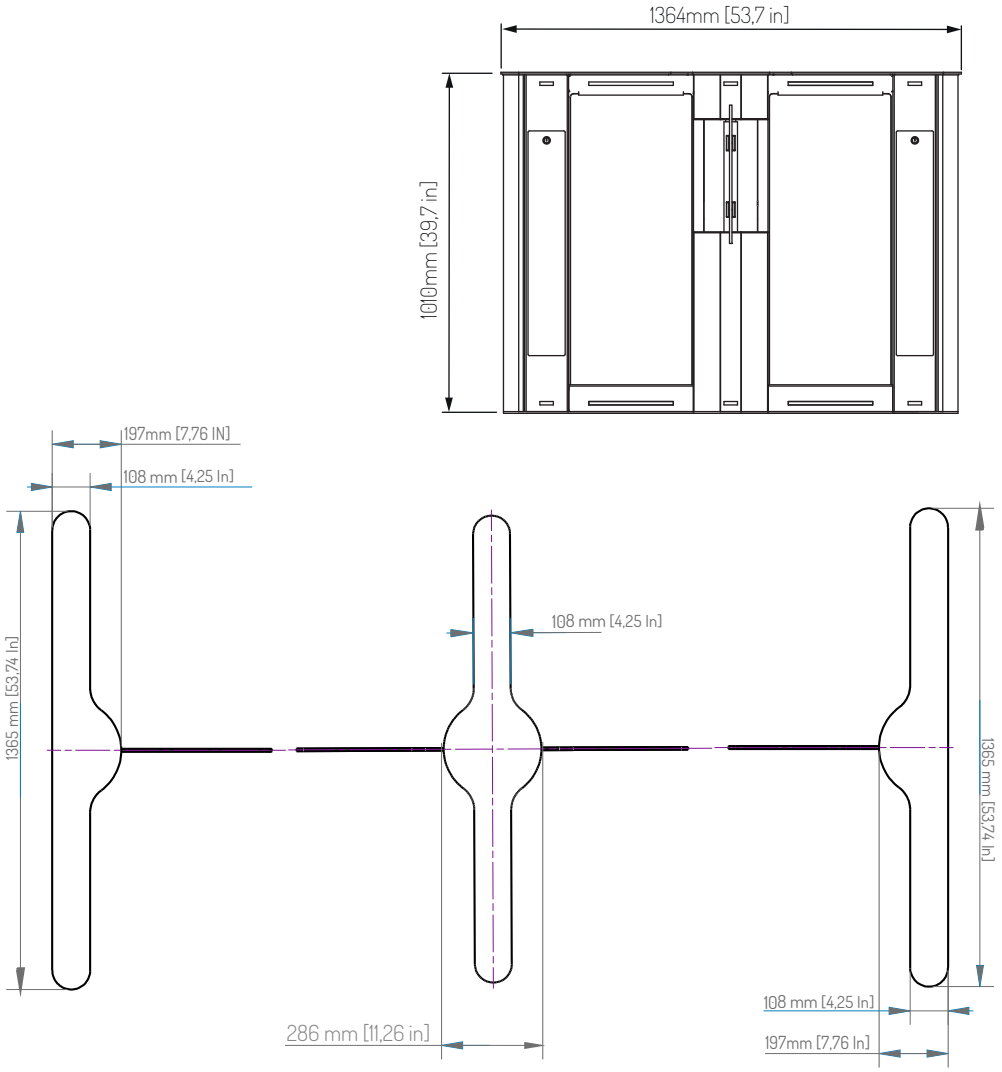
NAME	DESCRIPTION
Power supplies	Power supplies 230/24V
Console	Control panel for manual control of passenger traffic
RS485 module	Communication with external systems
Painting	Painting the casing according to the RAL palette colours
Glazing	possibility of changing color

*Additional options are not included in the device equipment.

PARAMETERS

PARAMETER	SG-3^{V3} -L/R	SG-3^{V3}-C
Supply voltage:	24 V DC	24 V DC
Maximum power con-sumption:	90 W	180 W
Minimum power con-sumption:	30 W	60 W
Power consumption at start-up:	4 A	8 A
Operating temperature:	0° do +50° C [32° do 122°F]	0° do +50° C [32° do 122°F]
Storage temperature:	-30° do +60° C [-22° do 140°F]	-30° do +60° C [-22° do 140°F]
IP protection class:	IP 40	IP 40
Maximum working humidity:	85 %	85 %
Leaf opening/closing time:	~ 1 sec	~ 1 sec
Main housing material:	INOX AISI 304	INOX AISI 304
Device wing:	tempered glass 8mm	tempered glass 8mm
Working environment	inside	inside

DIMENSIONS



CONNECTIONS