TURNSTILES.us
SECURING THE U.S. and the GLOBE since 1989

SPEED GATES

GT3-100 / GT3-170

Configuration

Easier than you think.

GT3-100 / GT3-170 SPEED GATES

Gates are designed for continuous operation and assisting pedestrian access control at high density of pedestrian traffic zones, inside building under direct control.
The gates are equipped with glass arms with a height of 100cm and 170cm.

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 tiolets, ticket control points in sport facilities, e.g. wimming pools, stadiums, other multi-purpose arenas,
- access control and TNT systems in the workplace, e.g. offices, special areas in factories.

Effective and advanced access control.

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FINISH OPTIONS

■ Stainless steel - INOX AISI 304

☐ RAL 9003

☐ RAL 7016

☐ RAL 5010

☐ RAL 6002

☐ RAL 6002

■ Standard finish

☐ Non-standard colour/non-standard finishing

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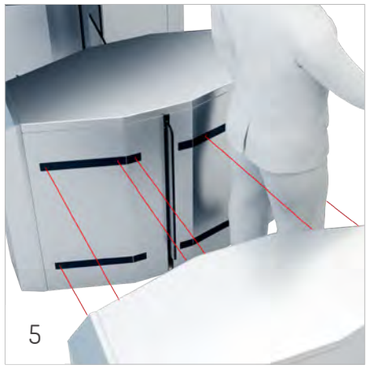
OTHER FUNCTIONS GT3-100 / GT3-170



1. EASY SETUP

Easy configuration of operation modes and functions via the touch panel.

2. LED PICTOGRAMS

Led pictograms show active/inactive traffic directons 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.

Visualizations made using gate models with 100cm height arms

EXAMPLE MODULES

GT3-100

GT3-100-L
left module
"MASTER"

GT3-100-C
central module
"MASTER/SLAVE"

GT3-100-R
right module
"SLAVE"

GT3-170

GT3-170-L
left module
"MASTER"

GT3-170-C
central module
"MASTER/SLAVE"

GT3-170-R
right module
"SLAVE"

TECHNICAL SPECIFICATIONS GT3-100, GT3-170

MECHANISM

- System for making the passage passable in case of voltage decay (parting of the device's arms).
- Overload system for arms movement.
- Mechanical system of the engine and gear enables smooth, quiet and fast movement of the arms.

DEVICE'S CONTRUCTION

- Simplified assembly to the foundation with glued anchor bolts (bolts are not included).

ELECTRONIC UNIT (‚MASTER' MODULE)

- Control input (0V signal) for each direction of the individual passage-way separately (e.g. cart reader, control panel, coin mechanism, remote control, fire system).
- Return signal output informing on the person's passage based on autho-risation signal.
- Higher priority inputs for deactivating the passageway section (e.g. from the building management system).
- The highest priority input for making passable/opening the passageway section (e.g. from fire system).
- Sound and visual signals.
- Function for memorising the control signals during the individual passa-geway cycle.

MARKINGS OF DEVICES

Model	Glass Height	Module	Finish Options
GT3	170	L	INOX

Examples of markings:

• GT3-170-C-RAL5010 - central module, glass height 100 cm, finish type RAL5010.

• GT3-170-R-RAL9006 - right module, glass height 100 cm, finish type RAL9006,

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

SPECIFICATIONS

PARAMETER	GT3-100-L/R; GT3-170-L/R	GT3-100-C; GT3-170-C
Power supply voltage:	230 V, 50/60 Hz	230 V, 50/60 Hz
Maximum power consumption:	300 W	600 W
Minimum power consumption:	120 W	240 W
Current draw at start-up:	10 A	10 A
Operation 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 rate:	IP 40	IP 40
Maximum operation humidity:	85 %	85 %
Wing opening/closing time:	~ 0.6 sec	~ 0.6 sec
Main cabinet material:	INOX AISI 304	INOX AISI 304
Device wing:	tempered glass 10 mm	tempered glass 10 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.

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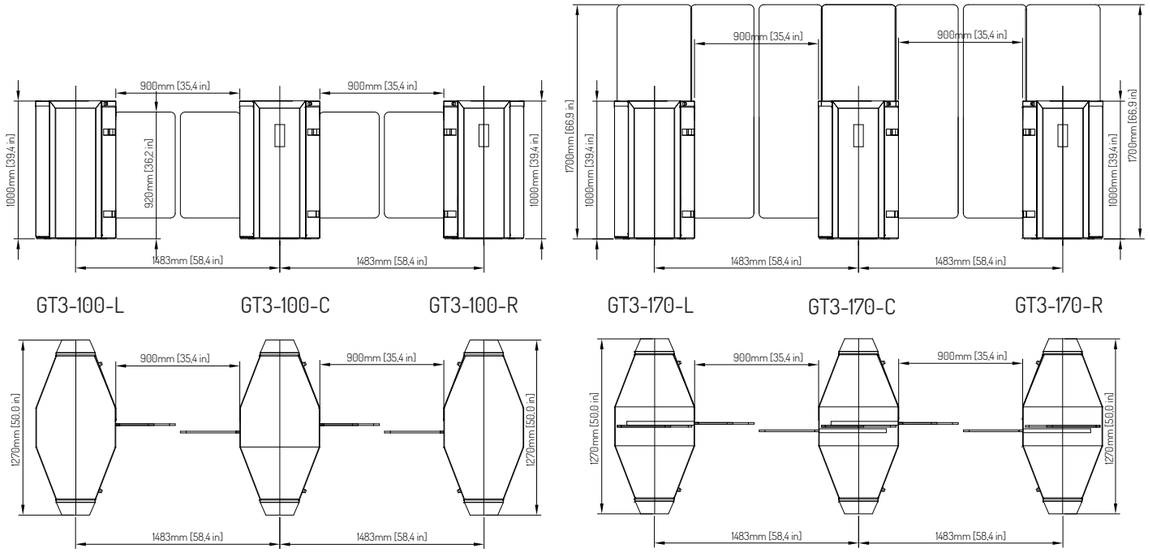
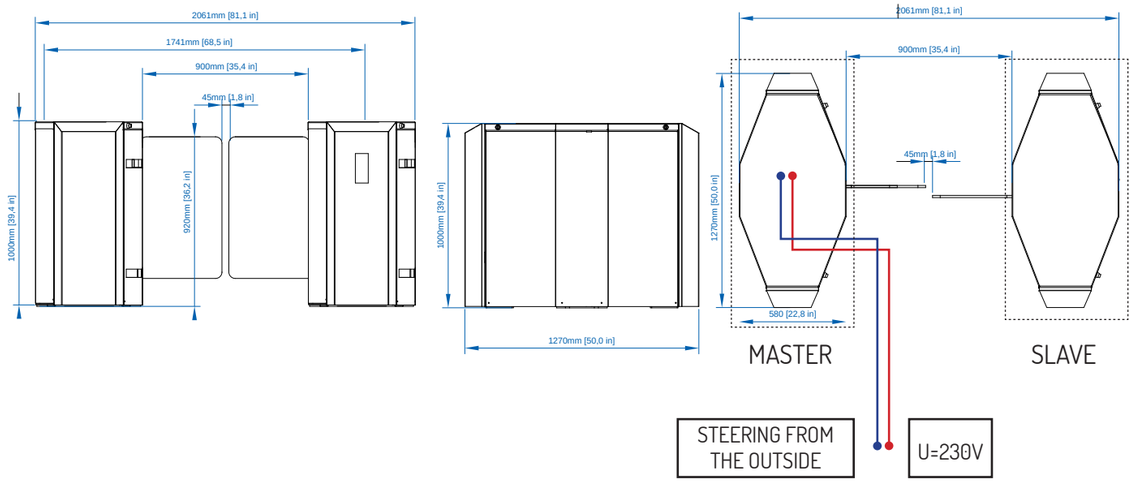
MODULES



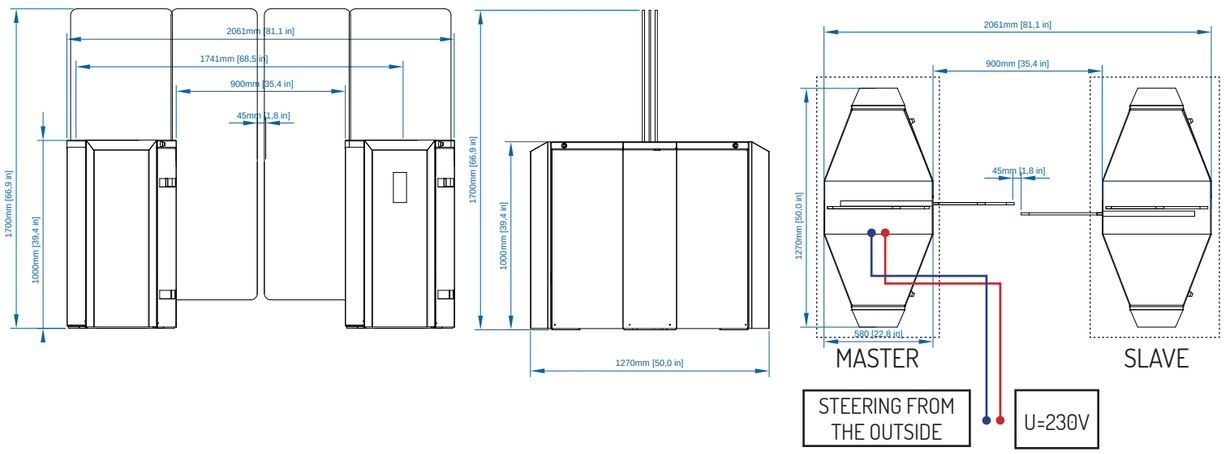
Model	Glass Height (cm/inch)	Module	Width of the passage (mm/inch)
GT3-100-L-INOX*	100 / 39.37	L	900 / 35.43
GT3-100-C-INOX*	100 / 39.37	C	900 / 35.43
GT3-100-R-INOX*	100 / 39.37	R	900 / 35.43
GT3-170-L-INOX*	170 / 66,92	L	900 / 35.43
GT3-170-C-INOX*	170 / 66,92	C	900 / 35.43
GT3-170-R-INOX*	170 / 66,92	R	900 / 35.43

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

DIMENSIONS GT3-100



DIMENSIONS GT3-170



KEY:

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

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