

BR2-TM

Tripod Turnstile with Hand-Sanitizer Dispenser



BR2-TM PORTABLE



BR2-TM





Antiviral solutions

in a new version

Configuration

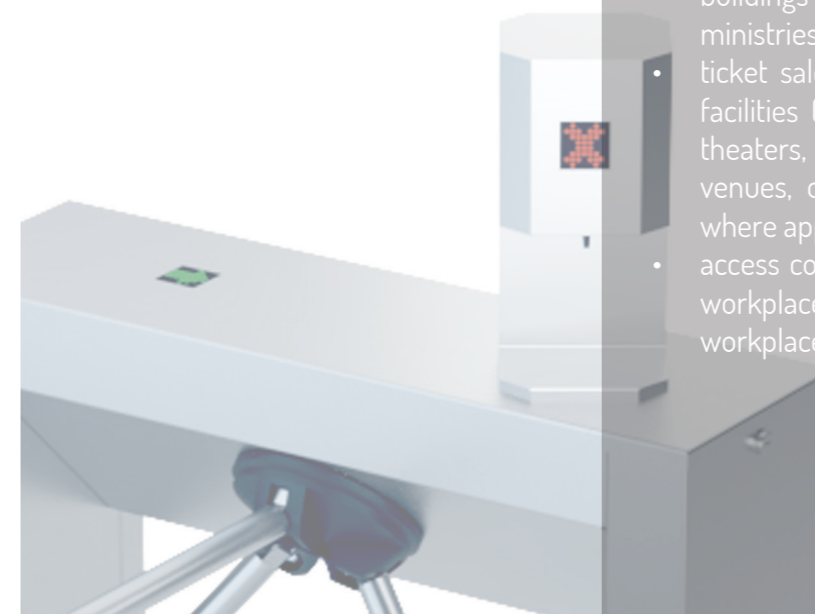
Easier than ever.

DESCRIPTION OF THE DEVICE

The BR2-TM turnstile equipped with a disinfectant dispenser that allows passage only after use. We direct the device to support access control that requires absolute protection against virus.

Application example:

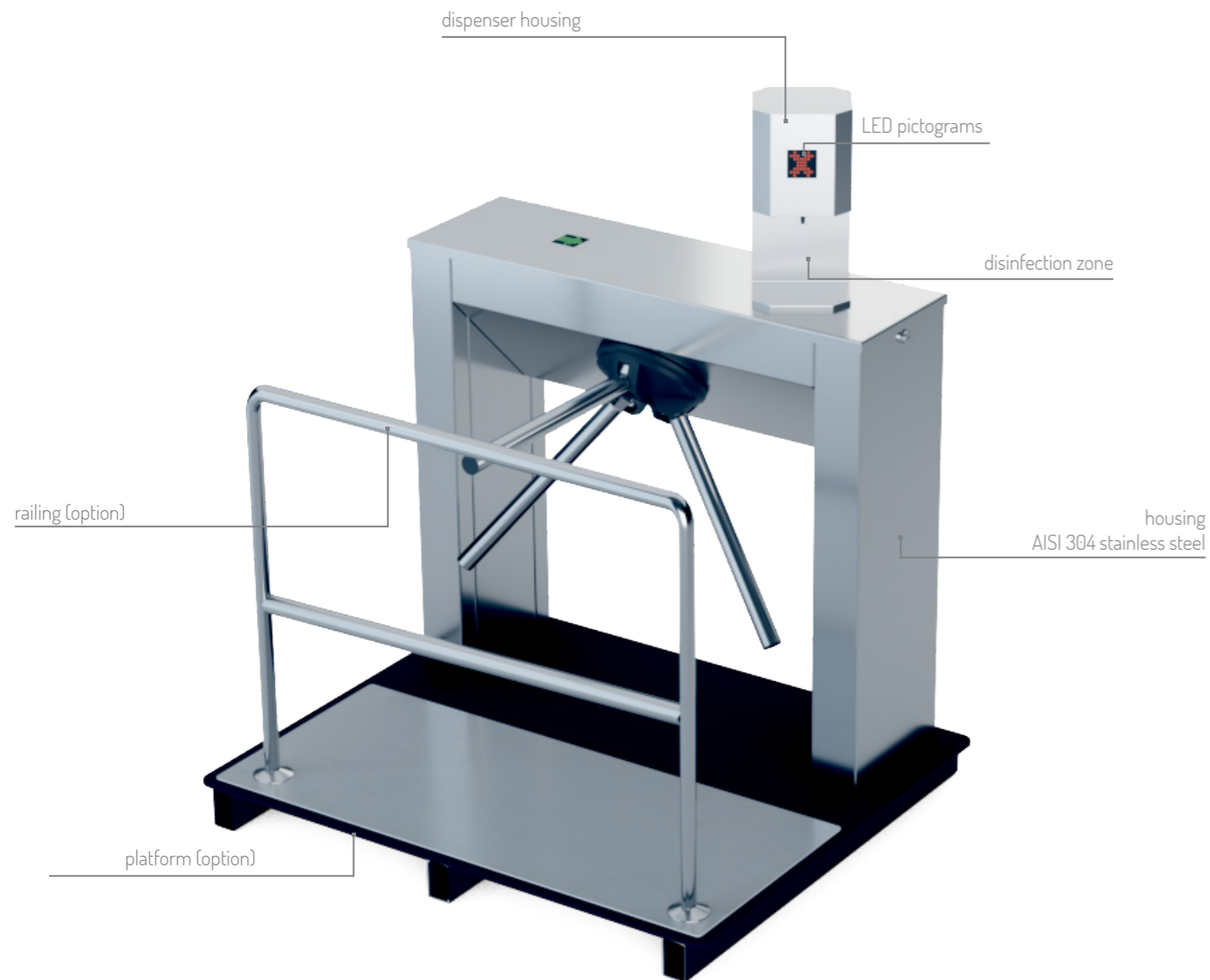
- hospitals, schools, shops,
- ticket control points and entry privileges for passenger traffic,
- airports / seaports,
- passages for authorized service personnel, directing passenger traffic,
- control points for permission to enter protected buildings (e.g. government offices, border crossings, ministries, other services),
- ticket sales and control points in museums, sport facilities (e.g. stadiums, swimming pools, etc.)
- theaters, cinemas, exhibitions, fairs, entertainment venues, other sports and entertainment facilities, and where applicable, pay toilets
- access control and work time registration in workplaces, e.g. offices, factories, separate zones in workplaces, etc.





Security also has its quality

DESCRIPTION

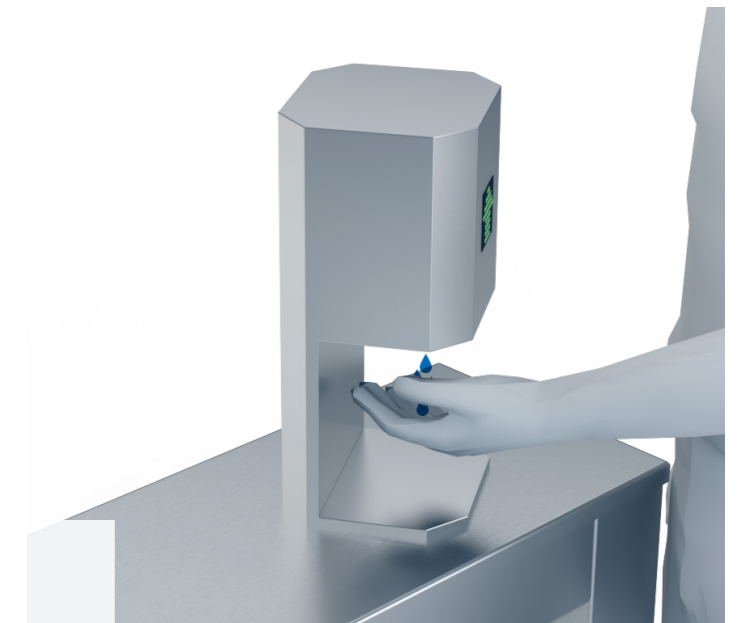


DISPENSER OPERATING PRINCIPLE



1. GATE LOCKED, DISINFECTION REQUIRED

Pictogram located on the dispenser housing displays a red cross ordering to stop moving (the gate is blocked).



2. INTAKE OF DISINFECTING LIQUID

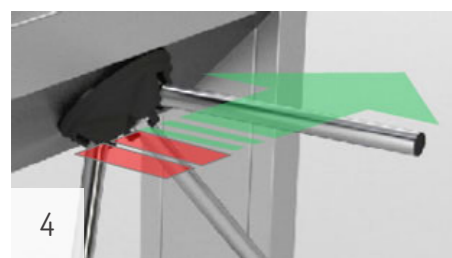
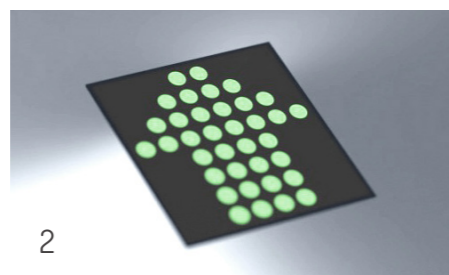
After taking the liquid on your hand (starting the dispenser), the pictogram located on the dispenser housing displays a green arrow informing the user about the possibility of passing through the gate (the gate is unlocked).



3. TURNSTILE UNLOCKED AFTER DISINFECTION

After passing through the gate, the pictogram on the dispenser housing displays a red cross (the gate is blocked) until the next user draws the disinfectant fluid again.

FUNCTIONS



1. EASY SETTING

Configuration of operation modes and function is easy with the use of a control panel with a display and an encoder

2. LED PICTOGRAMS

Visual signalling (diode pictograms) informs about traffic directions being turned on and turned off within the passage section. A red cross informs that the traffic direction is turned off/locked (the device disables a passage of a person); a green arrow informs that the traffic direction is turned on.

3. WORK MODES

The device enables operation in different modes eg traffic control for both directions of motion or traffic control for any selected direction of movement.

4. PRECISE MEASUREMENT SYSTEM

The device is equipped with an electronic rotor position measurement system that allows the control system to control the work of the lock system and the smooth motion of the arms for the model with electro-mechanical arm movement.

5. DISPENSER

Equipped with container for alcohol based disinfection liquid.
Attention! The gate is sold without a disinfection liquid.

6. SUPPORTING ARMS ROTARY MOTION

The mechanism of the device is equipped with electromechanical arm rotation aid. The electromechanical boosting system consists of a motor drive, a safety clutch and a speed transmission.

TECHNICAL PARAMETERS

MECHANISM

Mechanism is designed for continuous operation.
Mechanism allows 1000 cycles / hour.
Dispenser allows 15-20 cycles / hour.

ELECTRONIC SYSTEM

- Steering input (0V signal) for each traffic direction individually
- 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: remembering steering signals during the working cycle, sound signalling, diode signalling, automatic calibration

DEFINITIONS OF DEVICES

Model	Type of housing finishing
BR2-TM-DS	INOX/RAL ...

PARAMETERS

Power supply voltage:	24 V AC
Maximum power consumption:	120 W
Minimum power consumption:	5 A
Steering signal:	max. 0.5 sec
Feedback signal:	0V
Operation temperature:	-20° do +50° C [-4° to 122°F]
Storage temperature:	-30° do +60° C [-22° to 140°F]
Maximum humidity:	10-80%
Operation environment:	inside/outside of buildings
IP protection rate:	IP 43
Net weight:	~70kg [154 lb]

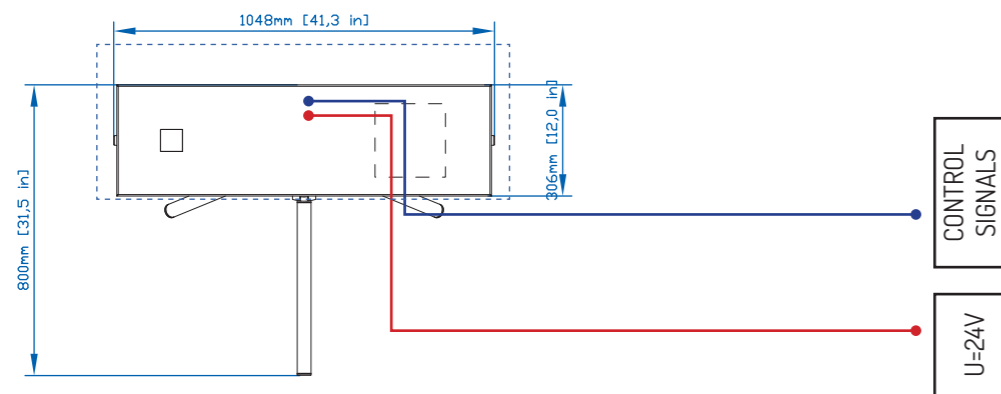
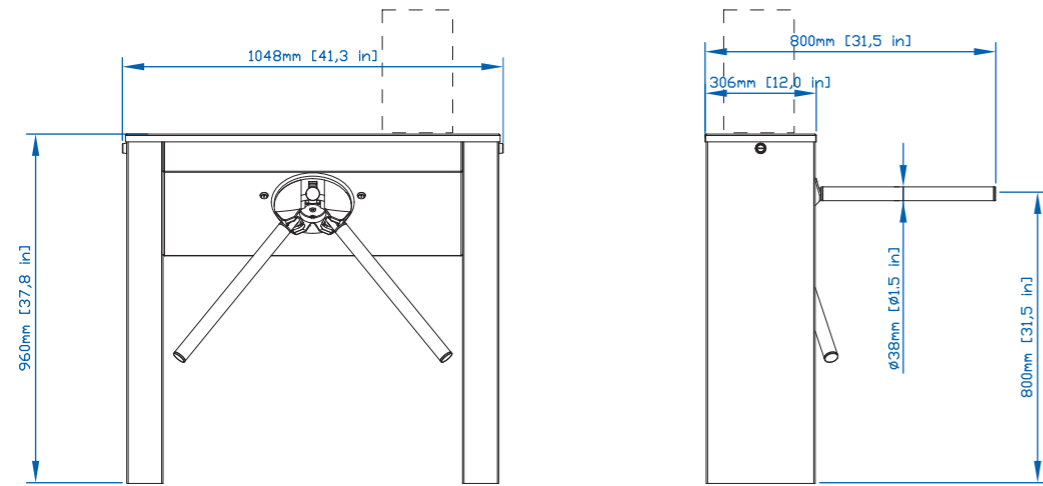
OPTIONAL EQUIPMENT*

Name	Opis
Power supply	Power supply 230/24V or 110/24V
Control panel	Control panel for manual traffic control
Platform	Platform for easy transport
Railing	Auxiliary railing

* Optional equipment is not included with the device.

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DIMENSIONS BR2-TM



KEY:

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