GATE BIKE

Product sheet

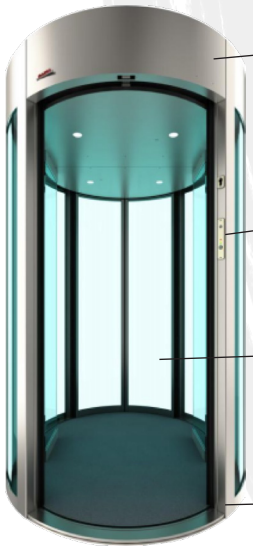
Version 02.25

GATE BIKE: The innovative solution for access control
The GATE BIKE is the perfect solution for controlling access to people and bicycles. With its extremely slim profiles and elliptical base, it can be placed directly on the ground, avoiding major structural adjustments.

Elegance meets functionality
The lock is not only elegant, but also easy to install and available in different versions. GATE BIKE offers wide, curved doors and side panels with large glass surfaces that create a modern and appealing design. The sturdy frame is designed to integrate seamlessly into existing structures.

Individual design options
The frame can be painted in various RAL colors or, on request, finished in stainless steel, bronze, aluminum and more.

GATE BIKE



Suspended ceiling with spotlights and anti-hostage sensor

Push button for manual access and LED status display

Glazing with 16-17 mm thick, burglar-resistant safety glass

Base plate with laminated surface and water drainage

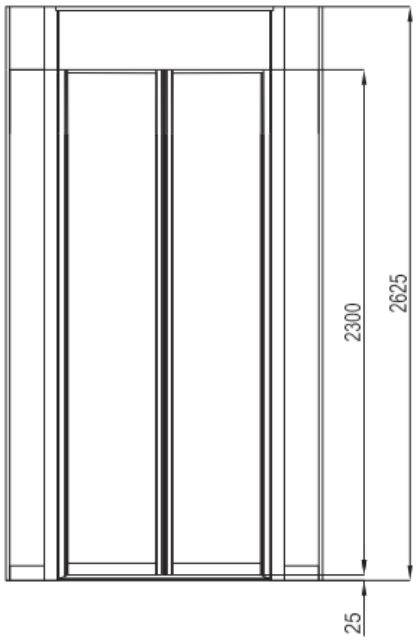
POSSIBLE APPLICATIONS

The pedestrian and bicycle interlock was developed for controlled pedestrian traffic and is used in the following areas:

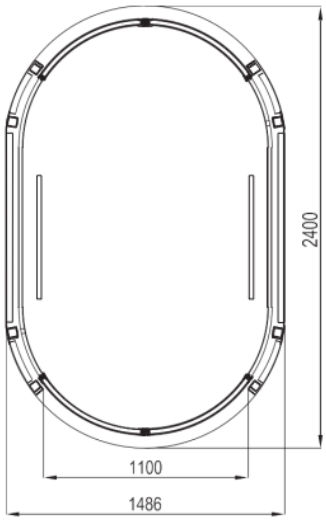
- Stadiums
- Authorities
- Large corporations
- Company building
- Data centers

DIMENSIONS AND WEIGHT

Front view



Top view



Width x Height x Depth:	1.486 mm x 2.625 mm x 2.400 mm
Light passage (Width x Height):	1.100 mm x 2.300 mm
Glass thickness:	Burglar-resistant P6B and BR1/S approx. 16-17 mm
Weight:	1.600 kg

ASSEMBLY

A load-bearing, level and finished surface is required for the installation of the round lock. Subsequent installation is therefore possible without major structural adjustments. Flush installation is also possible without any problems. A mounting ring simply needs to be embedded in the floor before installation.

FUNCTIONALITY

Gate Bike is equipped with two separately controlled revolving doors and can be used as a one-way or two-way gate. Access can be controlled via a card reader, fingerprint reader, button, facial recognition or release by the gatekeeper.

Unauthorized jostling or the passing through of a second person is prevented by integrated security mechanisms such as the anti-hostage sensor, which is installed in the ceiling. If several people try to pass through the gate at the same time, the inner door remains closed. A voice announcement will be heard asking people to leave the gate.

STANDARD VERSION

Layered curved glass pane with a thickness of 16-17 mm, level P6B, BR1/S

Monoblock frame with profiles and folded sheet steel with a thickness of 3 mm

Anti-rust paint

Water drainage in the base

Programmable microprocessor unit with RS232 and RS485 interfaces

Semaphore system that manages access to shared functions

Voice announcements to guide people inside the lock

Mechanical safety lock for closing the lock

Key for the “first input, last output” function

Light barriers as additional safety mechanisms

Prepared for various access control systems (RS232, RS485) such as card readers, fingerprint readers or facial recognition

Operating mode with mutually locked doors

Separation sensor in the suspended ceiling

Rain canopy

Delivery in dismantled condition

EXPANSION OPTIONS

Door opening sensor
Frame in higher version
Internal micro camera
Packed in a wooden box
Passive heating system for electrical parts for low temperatures

TECHNICAL DATA

Power supply:	230 +/- 10% 50 Hz
Max. power consumption:	200W
Emergency power supply:	Two batteries with 7Ah each
Emergency exit:	Doors can be opened manually in the event of a power failure
Passage capacity:	approx. 5 passes per minute in one direction, approx. 8-9 passes per minute in both directions (Attention! The time for authorization (card reader, fingerprint reader...) was not taken into account)
Operating temperature:	-10° bis +55° C
Control logistics:	Programmable microprocessor unit with RS232 and RS485 interfaces
Electric motors	2 motors (24V DC) for reversible door movement with safety system when closing.
Security system	Sensors within the input/output range control the drive force

CONSTRUCTION

Our interlock body impresses with its steel and glass construction and combines robustness with stylish design. The two large round doors and the side panels are fitted with 16-17 mm thick, burglar-resistant safety glass and give the interlock an elegant appearance. Thanks to the connection profiles, the interlock can be seamlessly integrated into existing portals.

The suspended ceiling, equipped with spotlights, ensures optimum illumination. The drive and controls are safely housed in the upper part of the cabinet.

The control panel supplied enables simple manual control of the interlock and can be positioned as required by the customer, e.g. by the doorman. The integrated telephone receiver on the control panel ensures communication with people inside the interlock.

ADVANTAGES

YOUR ADVANTAGES AT A GLANCE

- ✓ Robust basic construction.
- ✓ Modern, stylish design that meets the highest safety standards.
- ✓ Can be adapted to individual customer requirements with optional expansion options.
- ✓ Simple installation without major structural modifications.
- ✓ Durable quality product.
- ✓ Expandable with the latest authentication systems.

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