LBA-i

The i makes the difference



THE NEXT GENERATION OF INTELLIGENT ACCESS

RECOGNISE - AUTHORISE - PROTECT

LA BARRIÈRE AUTOMATIQUE

Made in France

THE NEXT GENERATION OF INTELLIGENT ACCESS

RECOGNISE - AUTHORISE - PROTECT

Built directly into the equipment, LBA-i technology recognises 7 user categories as standard and adapts barrier operation to each site's rules.

It combines user recognition, access management and safety through configurable detection zones.

QUICK INSTALLATION, NO CIVIL WORKS

- No road closures
- No ground loops, infrared photocells or radars needed...
- Quick commissioning and easy maintenance
- Suitable for any ground surface

FULLY CONFIGURABLE DETECTION

- Configure in just a few clicks:
  - Safety and control zones
  - Dimensions of all zones
  - Precise zone positioning to suit the site layout
  - Action for each zone: opening, closing or safety



RELIABILITY IN ALL CONDITIONS

- Day and night
- Works in all weather conditions

AN INTERFACE FOR YOUR SETTINGS

- Access settings through the digital interface
- Change access rules without physical work on the installation

USER IDENTIFICATION AND PERSONALISED ACCESS RULES

- Pedestrians
- Bicycles
- Motorcycles
- Cars
- Vans
- Trucks
- Buses

- Recognition of 7 user categories
- Passage rights configurable by category
- Category-based permissions, denied by default
- Customisable access schedules

TECHNOLOGY THAT ADAPTS TO YOUR NEEDS

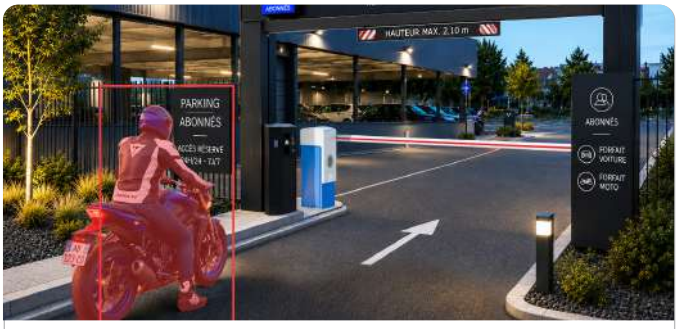
- New user categories coming soon
- Operator use cases assessed on request
- Easy updates via SD card

INTELLIGENT RECOGNITION FOR EVERY USE

EACH SITE, ITS OWN ACCESS RULES

LBA-i recognises the arriving user's category and automatically applies the operator's rules.

EXAMPLE USE CASES



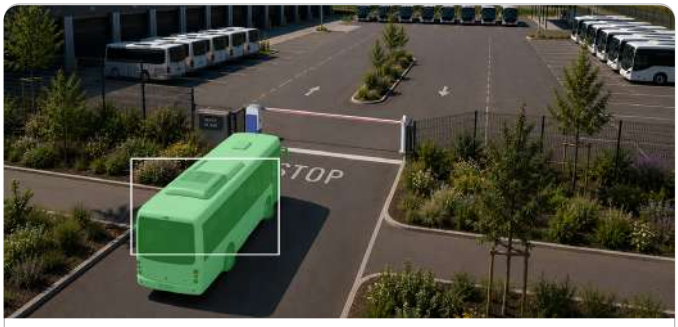
SUBSCRIBER PARKING
Identify users and apply access permissions

- ✕ Motorcycle → Denied
- ✓ Car → Open



PEDESTRIAN ZONE
Automatically apply different rules by vehicle category and defined time slots

- ✓ Van 6–8 am → Open
- ✕ Car → Denied
- ✕ Van 8 am–7 pm → Denied



BUS DEPOT
Vehicle category recognition to secure the site entrance

- ✓ Bus → Open
- ✕ Truck → Denied
- ✕ Car → Denied



LOGISTICS SITE
Separate traffic flows by vehicle type

- ✓ Trucks → Open
- ✓ Vans → Open
- ✕ Others → Denied



MOTORWAY
Precise detection of vehicles with trailers prevents the barrier closing before they have fully passed

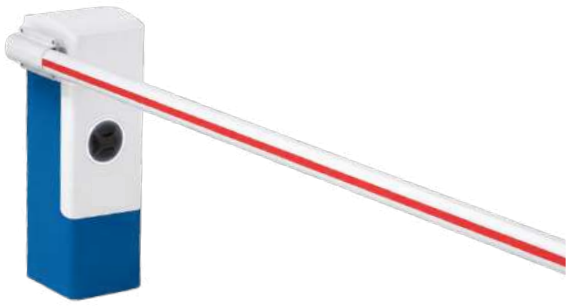
- ✓ Vehicles with trailers → stays open until fully through



THE LBA-i RANGE

THE FIRST INTELLIGENT BARRIER

Our proven barriers, now featuring **LBA-i**



LBA-i 6

The most reliable barrier on the market and Europe's best seller

- Variable speed from 1 second
- Continuous intensive operation: 15 000 cycles/day
- Oval boom 84 × 57 powder-coated aluminium with reflective strips up to 6 m
- Automatic raising on power failure available
- Cataphoretically treated steel cabinet

INDUSTRY · COLLECTIVE & RESIDENTIAL · COMMERCIAL

MISS SCREEN — Several grid configurations available



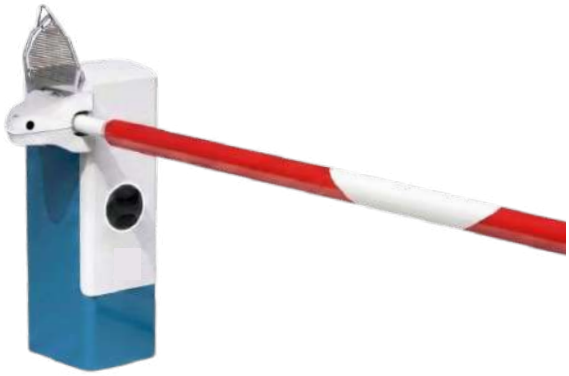
LBA-i 63 PG

The fastest barrier on the market

- Variable speed from 0.6 seconds
- Continuous intensive operation: 20 000 cycles/day
- Carbon boom Ø 85 mm with reflective strips, up to 3.5 m
- Tool-free boom replacement

TOLLING · INDUSTRY · COMMERCIAL · PAID PARKING

BOOM FLEX · **MISS SCREEN**



LBA-i 63PG FLEX

The global benchmark for motorway tolls

- Variable speed from 0.6 seconds
- Continuous intensive operation: 20 000 cycles/day
- Flex boom Ø 85 mm, up to 3.5 m
- Tool-free boom replacement
- Controlled forward breakaway with anti-rebound and automatic re-engagement

TOLLING · INDUSTRY · COMMERCIAL · PAID PARKING

MISS SCREEN



LBA-i 63PK

The benchmark for paid parking

- Variable speed from 0.8 seconds
- Continuous intensive operation: 15 000 cycles/day
- Oval boom straight or articulated, 84 × 57 powder-coated aluminium with reflective strips, up to 3.8 m
- Site-adjustable articulated boom for underground parking, with no prior measurements needed
- Automatic raising on power failure
- Ejectable or breakaway boom with missing-boom detection

PAID PARKING · INDUSTRY · COMMERCIAL

BOOM FLEX · **MISS SCREEN** · **BOOM ILLUMINATED**





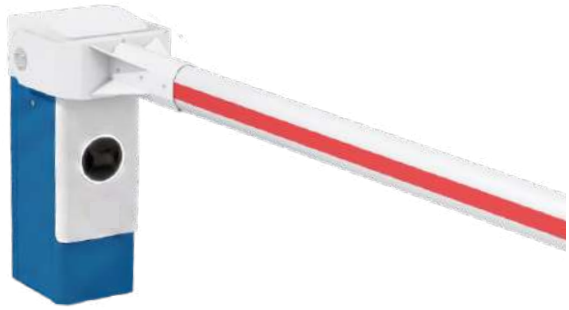
LBA-i 7

The barrier for wide entrances

- Variable speed from 1.7 seconds
- Continuous intensive operation: 15 000 cycles/day
- Axial oval aluminium 84 × 57 mm up to 7 m
- Automatic raising on power failure available up to 5 m
- Cataphoretically treated steel cabinet

INDUSTRY · COLLECTIVE & RESIDENTIAL · COMMERCIAL

Several grid configurations available



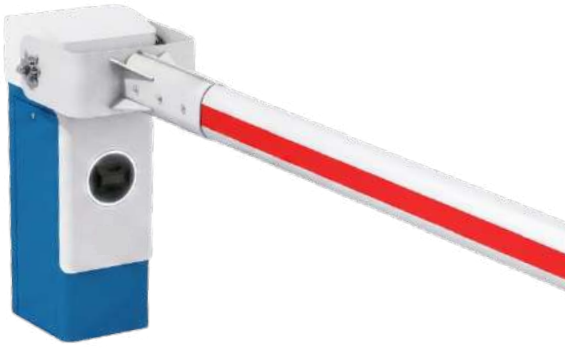
LBA-i 74

The deterrent barrier for sensitive sites

- Variable speed from 2.7 seconds
- Continuous intensive operation: 10 000 cycles/day
- Axial oval aluminium boom 135×93 mm, up to 3.5 m
- Automatic raising on power failure
- Cataphoretically treated steel cabinet

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BOOM ILLUMINATED **BOOM ARTICULATED**



LBA-i 86

Essential vandal resistance for sensitive sites

- Variable speed from 2 seconds
- Continuous intensive operation: 10 000 cycles/day
- Aluminium, high-strength reinforced 180 × 118 mm up to 6 m or oval boom 135 × 93 mm up to 8 m
- Anti-vandal, anti-break-in pack
- Automatic raising on power failure available

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Several grid configurations available



LBA-i 10

The robust barrier for heavy goods access

- Variable speed from 3.1 seconds
- Continuous intensive operation: 10 000 cycles/day
- Boom axial tapered reinforced fibreglass, Ø 140 mm, one-piece, without support wires, up to 10 m

INDUSTRY · COMMERCIAL

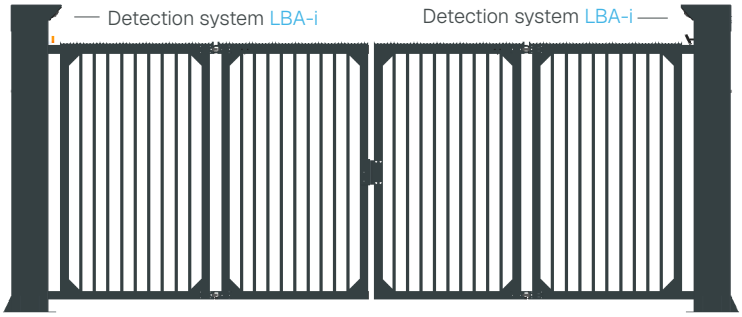
ROTATION ANTI-IMPACT Several grid configurations available



THE LBA-i RANGE

THE FIRST INTELLIGENT SPEED GATE

Our proven gates, now featuring **LBA-i**



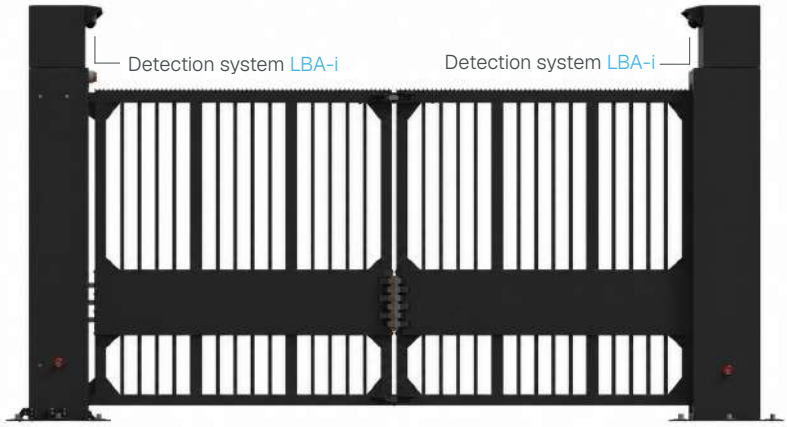
LBA-i W-GATE

Ultra-fast single and double speed gate

- Continuous operation: 6 000 operations/day
- Clear opening 2–10 m
- Height: 2 / 2.5 / 3 m (max.) or custom height
- Motor and electronics built into the posts
- Complies with EN 13241-1
- Crash-tested version available

COMMERCIAL RESIDENTIAL INDUSTRY

CUSTOMISABLE GRID

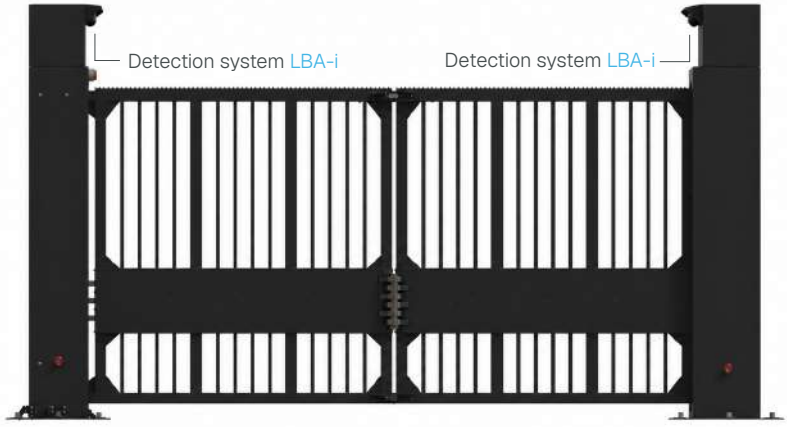


LBA-i W-GATE 7548

Single and double gate crash-tested with a 7.2-tonne truck at 48 km/h

- Clear opening 2–8 m (max. 4 m for single gate)
- Height 2.5–4 m
- Motor and electronics built into the posts
- Withstands 7.2 t at 48 km/h in the 8 m double version

INDUSTRY URBAN SECURE SITES SEVESO SITES



LBA-i W-GATE 7580

Single and double gate crash-tested with a 7.2-tonne truck at 80 km/h

- Clear opening 2–8 m (max. 4 m for single gate)
- Height 2.5–4 m
- Motor and electronics built into the posts
- Withstands 7.2 t at 80 km/h in the 8 m double version

INDUSTRY URBAN SECURE SITES SEVESO SITES



ACCESSORY RANGE

CONFIGURE YOUR PRODUCT

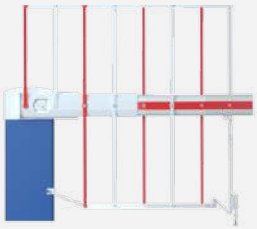
Compatible with the entire **LBA-i**

Booms



Illuminated, flex, carbon, aluminium and fibreglass booms...

Grid



Low, full-height or high-security grid: enhance your barrier's protection against intruders

LED



Red or green lighting on the boom and/or hood indicates boom position and improves visibility

Boom rests



Adjustable boom rest with rubber buffer, magnetic lock or anti-vandal electromechanical lock

Wide range of signal lights





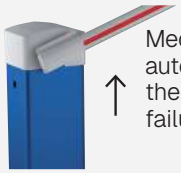
Full signalling range: boom-mounted LED lights, flashing lights, R23 lights and R2 lights on a bracket

Miss screen

The first barrier with a built-in screen to display logos, welcome messages and other information at your site entrance



Automatic raising



Mechanical system for automatic boom raising in the event of a power failure

Siren



The anti-vandal alarm sounds if the boom is forced upwards (around 10°)

Totems



Range of totems for integrated access control and/or traffic lights

One-C

Developed by Le Groupe LBA, the One-C board lets you control and monitor your entire equipment fleet remotely

- **User interface:** Screen, status LEDs and SD card for easy operation and maintenance
- **All-in-one board:** Power supply, PLC and frequency inverter in a single housing
- **Web server:** Remote control and real-time parameter management
- **Safety:** SIL 2 certified system



LBA Connect

Monitor your access control with ease



- Control your entire equipment fleet from one interface
- Receive e-mail or SMS alerts and track equipment performance
- View service history and schedule openings and closures directly from the app

SET UP YOUR ACCESS IN A FEW STEPS

SMOOTH, INTUITIVE DEPLOYMENT

Use the digital interface to tailor your equipment to your site: configurable blocks, user categories, access rules and operating scenarios suited to each site's needs.

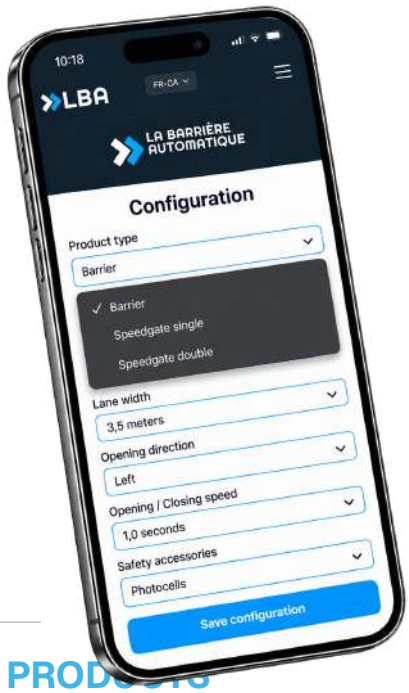


1 ACCESS THE DIGITAL INTERFACE

Access your equipment settings to define how it operates and who may pass

2 SET THE DETECTION ZONES

Define the detection area using upstream, downstream and under-boom safety zones, with precise adjustment of detection distances



3 CONFIGURE PRODUCTS

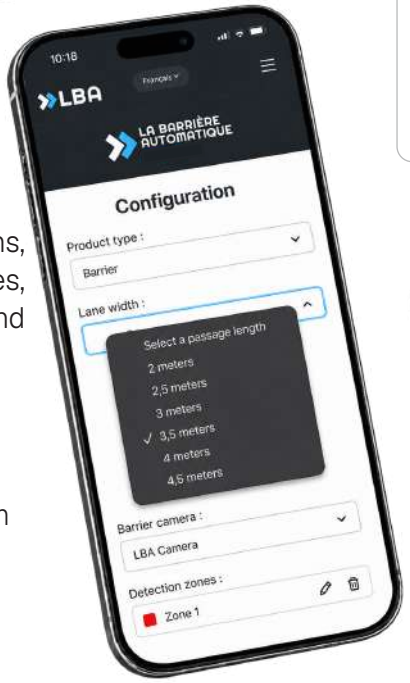
Select the product type and adjust the model's available settings: clear opening and opening direction

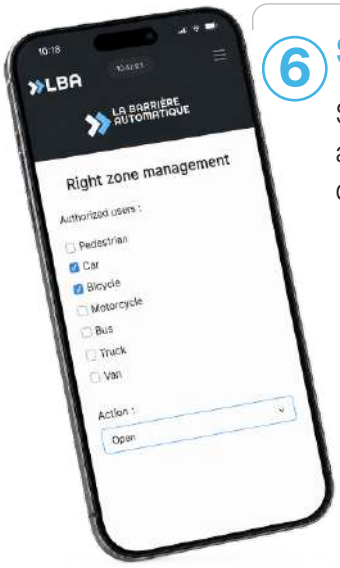
4 SELECT AUTHORISED USERS

Manage pedestrians, bicycles, motorcycles, cars, vans, trucks and buses separately

5 ASSIGN ACTIONS

Assign an action to each detection zone: open, hold open, safety, presence detection or alert





6 SET TIME SLOTS

Set opening, safety and access rules for selected days and times

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