



New power in your hands.





Welcome to the innovative U-Link world!



The innovative technology that gives you new power

U-Link, Universal Link is an exclusive Bft platform for creating technological ecosystems, allowing communication with all access automation devices of any brand. So you save time and can control everything with ease, without any worries.

It is intuitive

Easy to install and use

It is scalable

Allows an unlimited number of devices to be added

It is flexible

Allows the creation of groups of interconnected products

It is practical
Works with or without a web connection

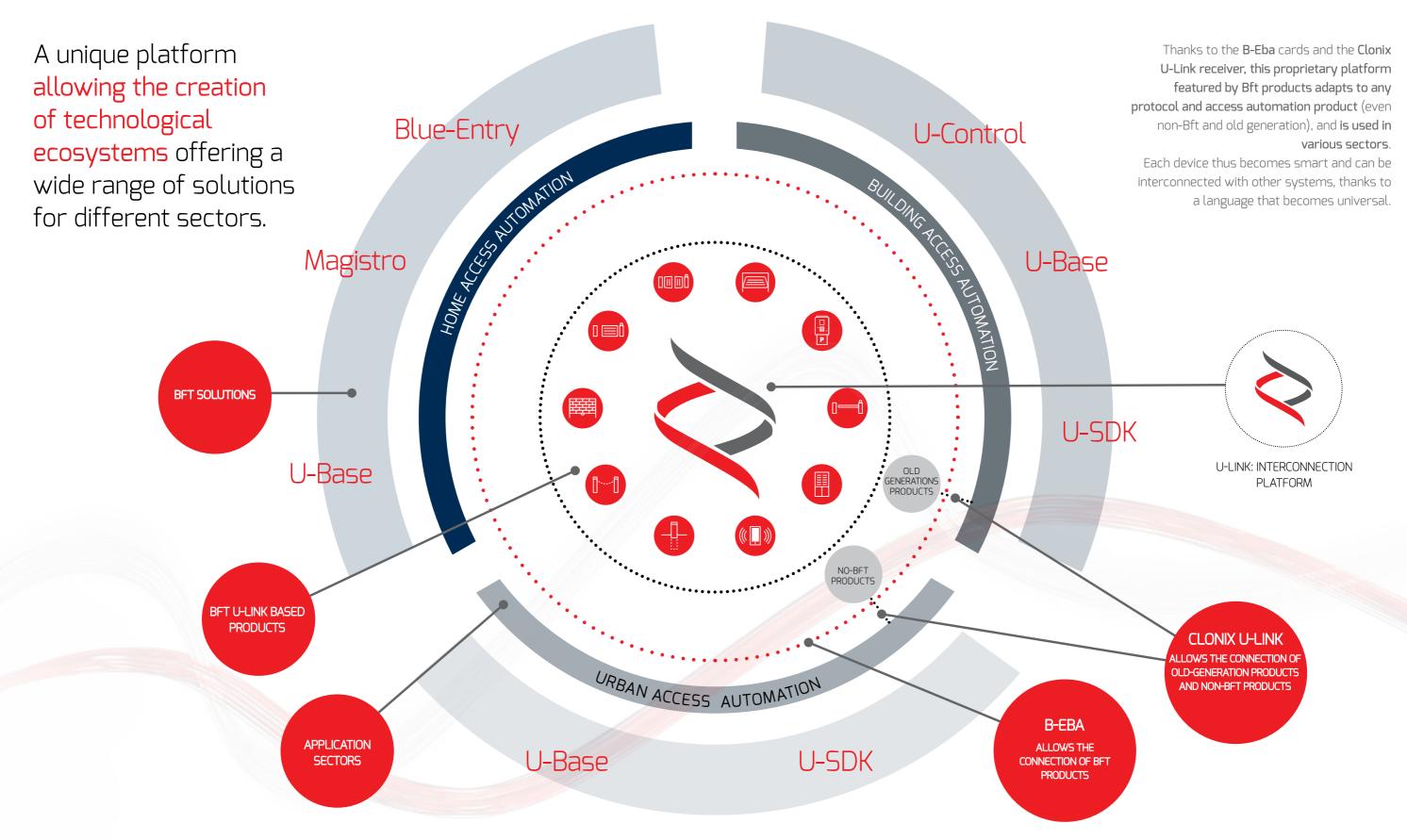
It is functional

Parameters can be controlled remotely via dedicated applications





All in one scheme: discover this mazing technology

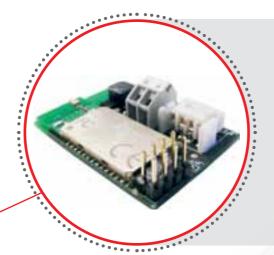




Bft technologies that allow interconnection

The B-eba expansion card and Clonix U-Link receiver complete the exclusive Bft platform.

Two products that allow U-link to be connected to Bft and non-Bft operators.

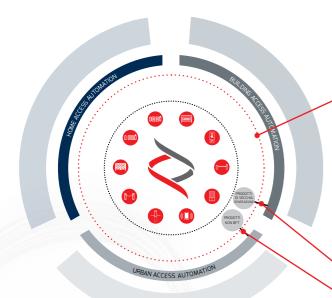


B-eba

A direct line with your operators.

B-eba expansion cards allow the connection of external devices, such as PCs, smartphones and tablets, to a Bft operator or Clonix receiver, or the connection of several Bft products in a U-Link network. These accessories integrate with U-Link technology and Bluetooth, Z-Wave, TCP/IP protocols, as well as the RS485 serial connection.

A device that fully translates what Bft intends as interconnectivity.



Universal. A word that fully represents the essence of U-Link. This platform is able to create technological ecosystems, by connecting Bft products to your smartphone, thanks to B-eba card. Clonix U-Link, on the other hand, allows U-link to be integrated with all operators, regardless of whether they are Bft or non-Bft. Two innovations that make U-link suitable for any configuration, solution and need. A truly boundless platform.



Clonix U-Link

Allows the connection of old-generation products or non-Bft products to U-Link systems.

Old-generation Bft operators or a product belonging to other brands: can they be connected to U-link? Yes, thanks to the Clonix receivers. Accessories that know no limits.

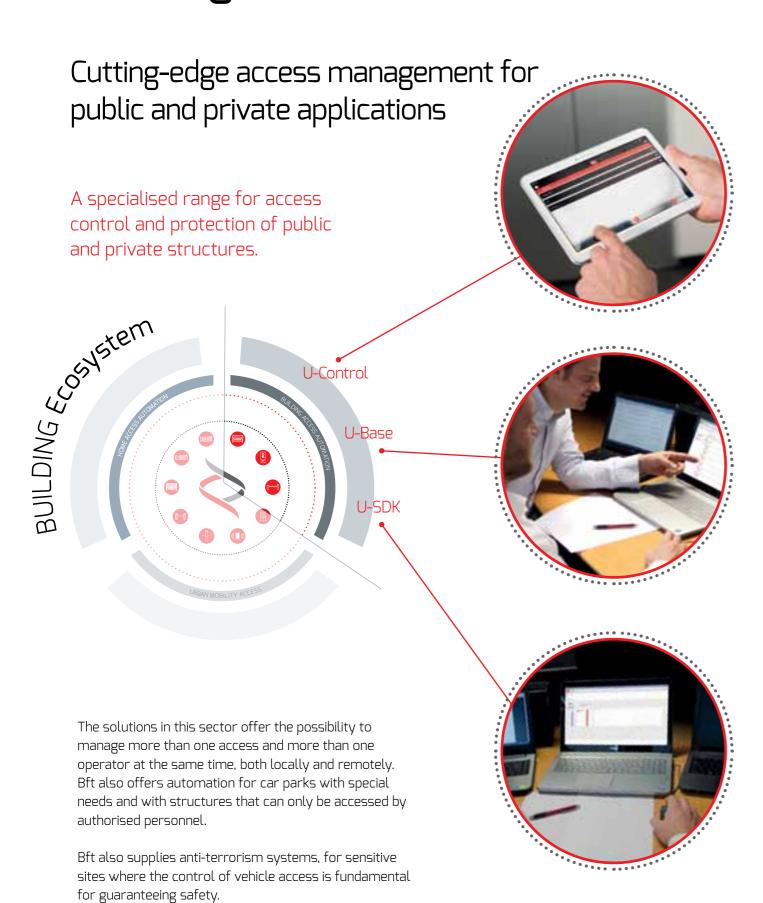


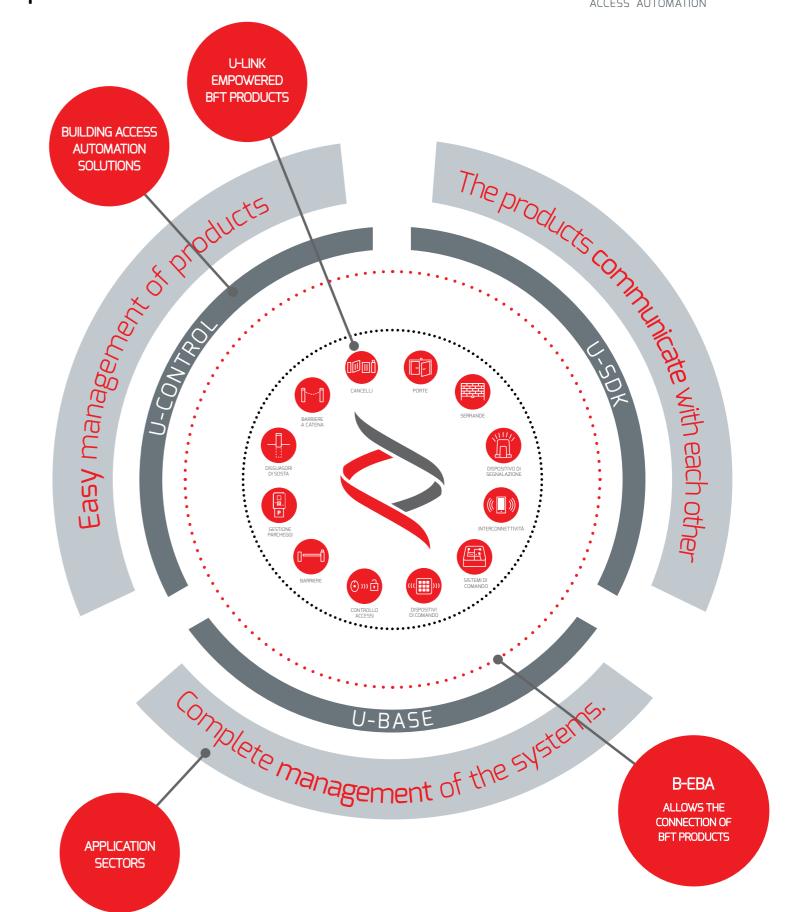


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Building Access Automation: doors open to innovation.









U-Control:

Created to make the U-Link protocol and the potential of U-SDK more intuitive and comprehensible, U-Control is software designed for Android smartphones.

Easy management of products.

U-control is an application designed to facilitate and speed up the management of products for the tertiary and commercial sector, such as: automatic doors, barriers and bollards. In just a few simple moves, it is possible to serve perform complete diagnostics on the installed systems, quickly identifying any anomalies. U-Control runs on Android tablets and smartphones.





U-Base 2:

U-Base 2 is a programme designed to facilitate the management and maintenance of a system interconnected via U-Link.

Complete management of the systems.

Thanks to U-base 2, it is possible to control and view all the operating parameters of an automation device.

Offered to U-Base 2 licence holders, U-Base Cloud is a service for saving and viewing system data, filing it in the Bft Cloud.

With U-Base 2, via the web connection users enabled by the licence holder can quickly and accurately modify the system operating parameters and view the alarms log.





U-SDK:

U-SDK allows the integration of Bft operators for automatic doors inside BMS management programs.

The products communicate with each other.

Software which, for simplicity, is comparable to a system for normal PC devices. Via U-SDK, the system integrators can make other brands of home automation systems communicate with Bft products interconnected in a U-link network. With an extremely simple syntax, this software translates external commands into the U-link language. Every command can be interpreted by the Bft cards, which can at the same time produce information on the system status.



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All the solutions of the Building Access Automation world



U-BASE 2

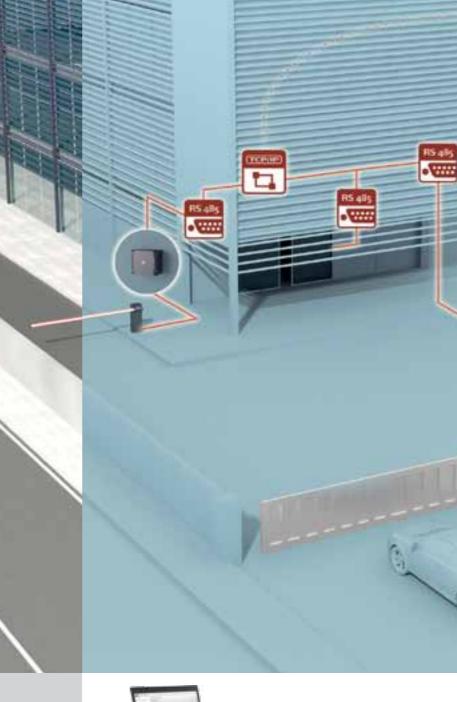
Program a system remotely via a mobile device.

Programming and checking the proper operation of a system remotely with several operators via a mobile device? Thanks to U-Base 2 software everything is possible.

The B EBA TCP/IP GATEWAY interface connects the mobile device hosting U-Base 2 via the Internet, for the programming and management of all aspects of the Bft operators in a system, connected in series via an RS 485, and using U-link technology. It connects to the operators via B EBA 485 LINK modules.

The Clonix AC 2 E U-link accessory can be used if intending to control operators that are not U-link compatible. The speed and transmission stability combined with maximum safety in sending and receiving commands are the main advantages of this solution.





IDENTIFIED SYSTEM

- 1 U-BASE 2 FOR PC
- 1 PC
- 1 B EBA TCP/IP Gateway
- 3 B EBA 485
- 1 ARES ULTRA
- 1 CLONIX AC 2 AND U-LINK
- 1 BARRIER



- Transmission speed and stability.
- Maximum security in the transmission of commands.
- Sending commands, status checking, diagnosis, programming, remote troubleshooting.



U-BASE 2 FOR PC

An application for management and diagnostics of automation devices connected to a U-Link network



B-EBA TCP/IP GATEWAY

Interface card for TCP/IP protocol



B-EBA RS-485 LINK

Connection card for RS-485 protocol



ARES ULTRA

Operator for intensive use, for sliding gates up to 1500 kg



CLONIX AC 2 and U-link

Control unit for connection of products by other brands to a U-link network



DEALER

Centralised control of workshop access

With the new Clonix ULink, any automation device can easily be included in a serial network with 485 connection, controlled from a PC and U-Base software.

In this way, access to the dealer's workshop is easily managed from a centralised station, controlling both the opening of sectional doors and the bollards protecting the entry, even in case of a power failure. The system allows diagnostics of compatible U-link products included in the U-link network.



- Bollards non-reversible in case of a power failure
- Centralised access management from a PC
- Control of any automation device via clonix U-Link



IDENTIFIED SYSTEM

- UBASE2
- ARGO G
- Clonix U-Link
- B EBA 485 Gateway
- 1 BEBA 485 Link
- 2 Stoppy MBB 219/700 L
- 1 Stoppy BAT
 - 1 Perseo CBE
 - 2 RME2
 - 4 Safety loops



U-BASE 2 FOR PC

An application for management and diagnostics of automation devices connected to a U-Link network



ARGO G

Automation for large sectional doors



CLONIX U-LINK

Control unit for connection of products by other brands to the U-link network



STOPPY MBB

- Automatic electromechanical bollard
- Suitable for intensive use



B EBA 48!

Device for controlling U-Link products in 485 serial network

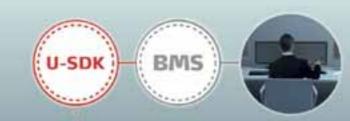


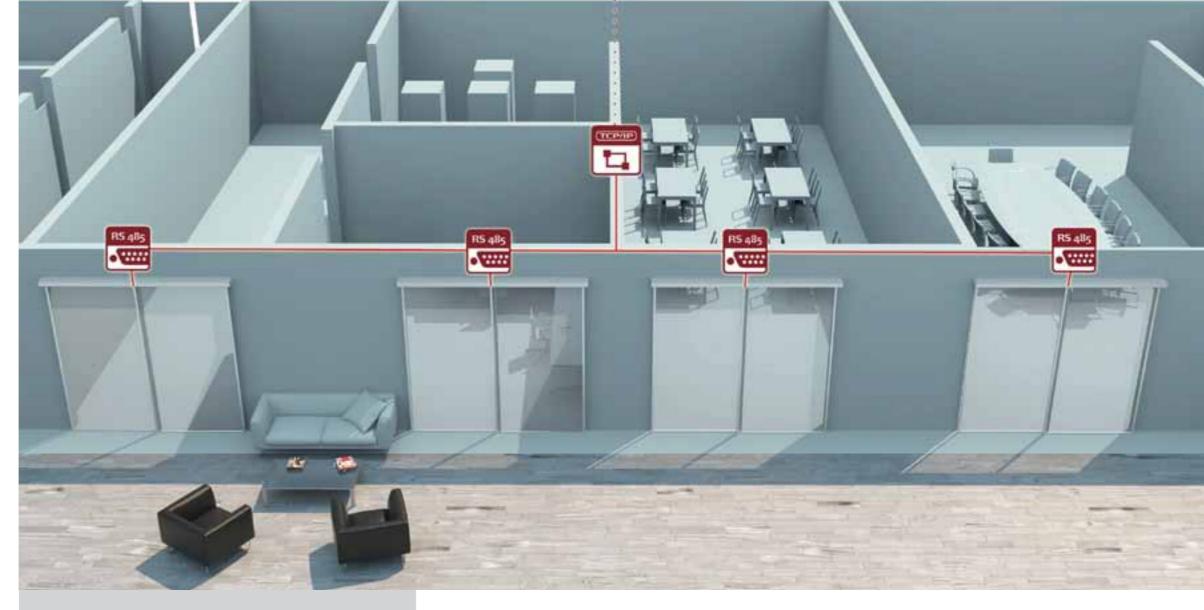
U-SDK

Integrated management for automatic doors

U-SDK allows the integration of Bft operators for automatic doors inside BMS management programs.

Simply connect the Vista SL, SL C and TL automatic doors to an RS 485 serial network through as many B EBA RS 485 Link modules and interface it to the BMS software, using a B EBA TCP/IP GATEWAY accessory. U-SDK allows the BMS program to easily integrate the controls and commands of automatic doors, even remotely.





IDENTIFIED SYSTEM

- 1 U-SDK
- 1 B EBA TCP/IP Gateway
- 3 B-EBA RS-485 LINK
- 3 VISTA SL



U-SDK

An application for integrating U-Link products with building management systems



B EBA TCP/IP GATEWAY

Gateway interface card for TCP/IP protocol



B-EBA RS-485 LINK

Connection card for RS-485 protocol



VISTA SL

Range of fast sliding doors for heavy wings



- Integration of Vista door systems in existing Building Management Systems
- Remote system management



CENTRALISED CONTROL

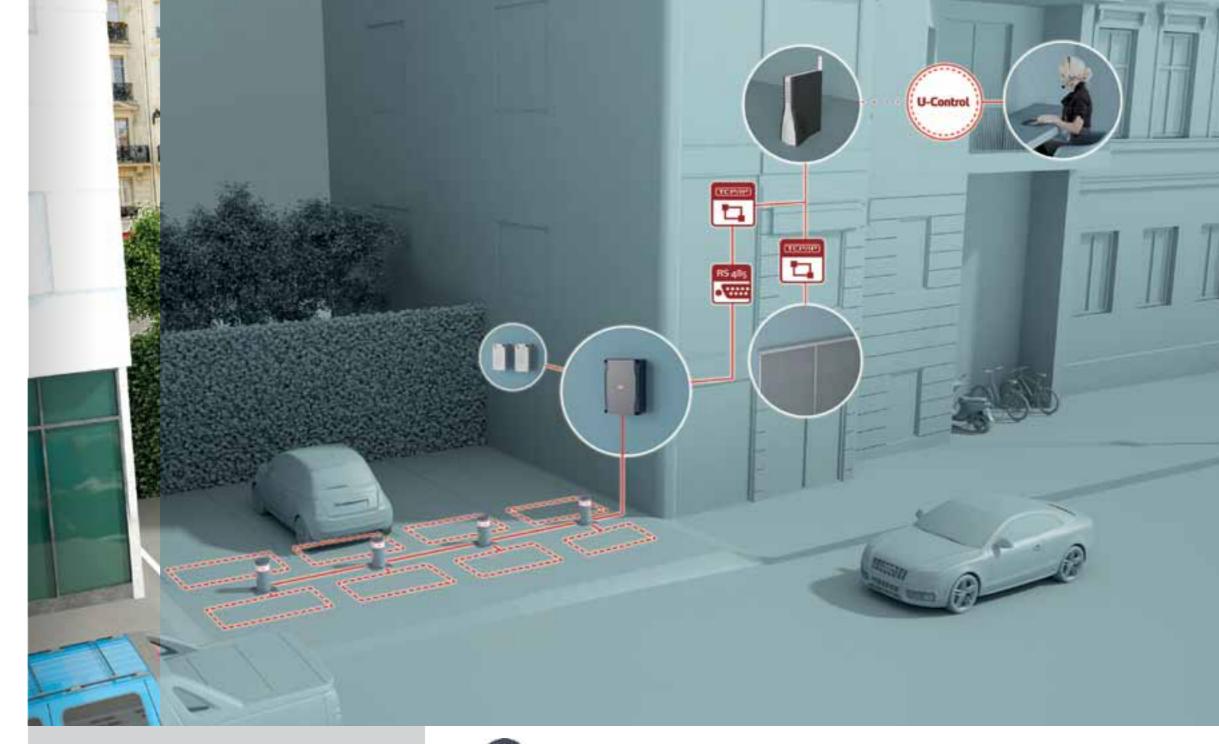
Safe car park managed remotely

The non reversible safety feature of the bollard works if there is a power failure and can be controlled remotely.

Stoppy MBB bollards block anyone not authorised to enter a specific area. But if there is a voltage drop or a power failure, will these devices still work? Yes, thanks to the Stoppy Bat batteries. The area where the device is installed therefore remains constantly protected, and thanks to the B EBA TCP/IP GATEWAY card the access point can be opened remotely via the U-Control application installable in a tablet or smartphone.



- Control from mobile devices
- Centralised access management
- Bollards non-reversible in case of a power failure



IDENTIFIED SYSTEM

- U-Control
- 4 STOPPY MBB KIT 219/700.C 230 LI C
- Stoppy BAT
- 1 Perseo CBE
- 2 B EBA TCP/IP
- 1 B EBA RS 485
- 4 RME2
- 8 Safety loops





- Automatic electromechanical bollard
- Suitable for intensive use



PERSEO CBE

New control panel for bollards with U-Link connectivity



U-CONTROL

An application for managing U-link automation with mobile devices



B EBA TCP/IP

Interface card for U-link protocol in TCP-IP network



VISTA SLC

Automatic door compact for sliding doors

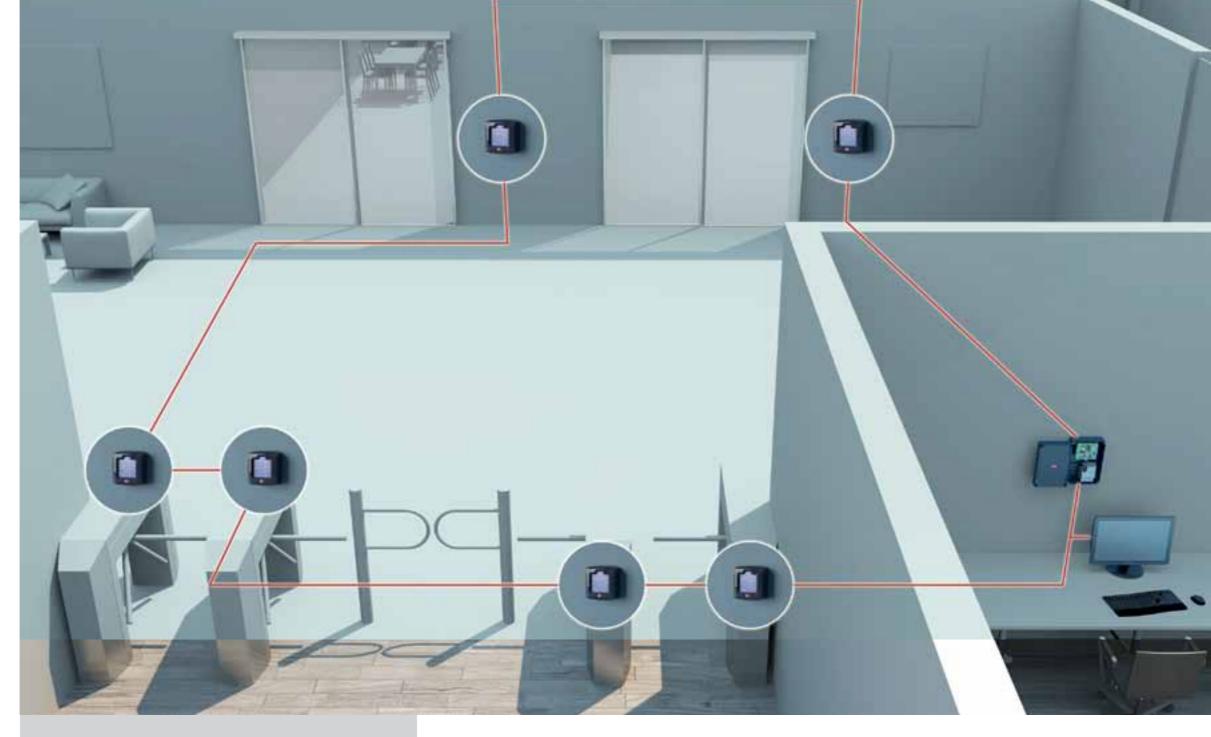


AXXEDO

Advanced access control

Axxedo stands out for the modularity and expandability of the systems, which allow the number of products to be implemented without replacing anything that is already installed.

Thanks to the functionality of the Axxedo Cerebro control unit, the operator has total and complete control of the entire premises, even in off-line mode. The immediate and easy to use management software controls and monitors all devices connected in the Axxedo network, being able to modify the operating parameters and control the number of people present in each single area.



IDENTIFIED SYSTEM

- 1 Axxedo Cerebro
- 6 Axxedo Q.bo DC
- I Axxedo Module
- Axxedo Power
- 1 Axxedo Box



AXXEDO POWER

24V switching power supply.



AXXEDO CEREBRO

Control unit for advanced management of up to 32 access points, also in off-line mode



AXXEDO Q.BO DC

Digital button pad with incorporated proximity reader.
Integrated twilight sensor.



- modular system, scalable and easy configuration
- total management via software with a simple and immediate interface



AXXEDO MODULE

4in/4out peripheral for controlling up to 4 access points.



AXXEDO BOX

Control panel with DIN rail.

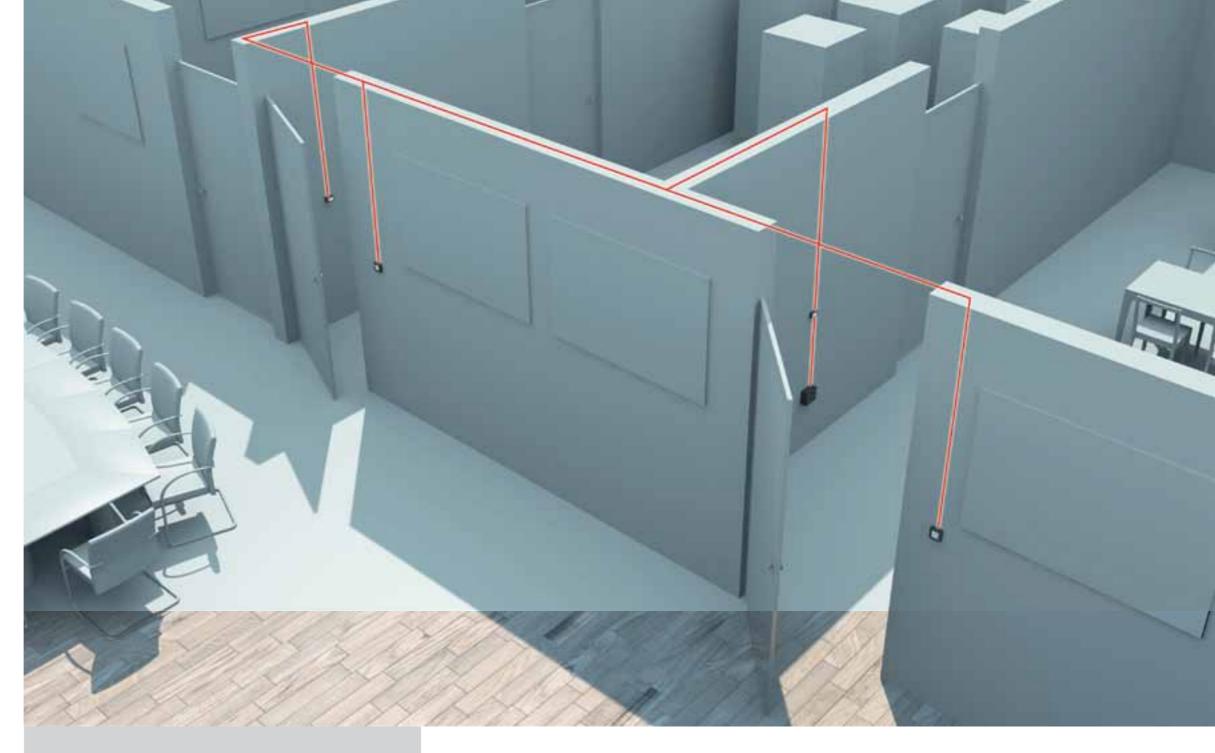


COMPANY OFFICE MANAGEMENT

Manage several access points with ease

Axxedo Stand Alone is a control unit with master/slave operation that also constitutes an expansion module with an input and an output.

This Bft system allows the number of products present in a system to be increased without replacing that previously installed. It also offers the possibility at any time to modify the number and type of gates controlled.



IDENTIFIED SYSTEM

- 3 Axxedo Stand Alone
- 2 Axxedo Q.bo DC
- 1 Axxedo Power
- Axxedo Box
- 2 VISTA SW automatic swing doors



AXXEDO STAND ALONE

Control unit with master/slave operation for controlling a gate.



AXXEDO BOX

Control panel with DIN rail.



AXXEDO POWER

24V switching power supply.



AXXEDO Q.BO DC

Digital button pad with incorporated proximity reader.
Integrated twilight sensor.



- Easy to install
- Easy to install, it ensures a high level of security because the control unit is located inside of a wall, with size allowing the insertion of Axxedo Stand Alone in any standard junction box.
- Centralised management of multiple access points without using software.



VISTA SW

- Automatic swing doors.
- intensive use for heavy wings



MANAGING VEHICLE ACCESS TO **RESTRICTED AREAS**

Many different needs in the same car park

With this system, the various types of users can access the respective areas.

The solution consists of a Sinua-P automatic pay station connected to a server, to a Sinua-I entry column and to a Sinua-U exit column. These in turn are connected to the respective Aura NEA number-plate and Aura TUVA passive tag readers, to the barrier and to the magnetic loops.



WITH THIS SYSTEM, VARIOUS TYPES OF **USERS CAN ACCESS THE RESPECTIVE AREAS**:

EMPLOYEES: they are given a passive tag to keep in the car. Access is allowed after reading of the tag by the TUVA system.

MANAGEMENT: the reading of TAGS reserved for management allows cars in this category to access the dedicated area, thanks to lowering of the bollard that delimits the area.

office which will validate the single pass, memorising the number-plate to allow exiting.

will allow them to reach the destination area.

IDENTIFIED SYSTEM

- Sinua-l

REGULAR GOODS UNLOADING VEHICLES/EXPECTED VISITORS: the number-plates of these vehicles are stored in the system which

ONE-OFF GOODS UNLOADING VEHICLES/UNEXPECTED VISITORS: through the SINUA-I intercom they can inform the secretary's

CUSTOMERS: collect the entry ticket at the SINUA-I station. Payment is made at the SINUA P CC automatic pay station.

- Sinua-PP automatic pay sta- 2
- Indicator panel
- Tuva reader
- Client+Server POS
- Giotto 30-S BT barriers
- 50 Passive tags
- ANPR reader (CCTV camera)
- Vehicle detector loops
- Safety loops
- Privée
- 2 Stoppy bollards



Sinua I/U Entry/exit column

- TCP/IP wired system
- RFID proximity reader
- 2D fanfold ticket reader-writer



ANPR system

HD camera for reading the number-plate



Sinua P CC Automatic pay station

- TCP/IP wired system
- 2D fanfold ticket reader-writer - Credit card reader
- Digital intercom



GIOTTO 30 S BT barrier

- Barrier for very intensive use
- Useful passage up to 3 m



CLIENT AND SERVER POS

- PC for manual pay station management with Windows 7 Professional operating system licence and Janica management
- PC Server with Windows Server 2012



Medium-long range UHF passive tag reader + TAG TUNA sticker for placing in car



LED INDICATOR PANEL

- Integratable with traffic light
- Possibility of up to four panels for managing different areas



STOPPY BOLLARDS

230 v AC electromechanical bollards

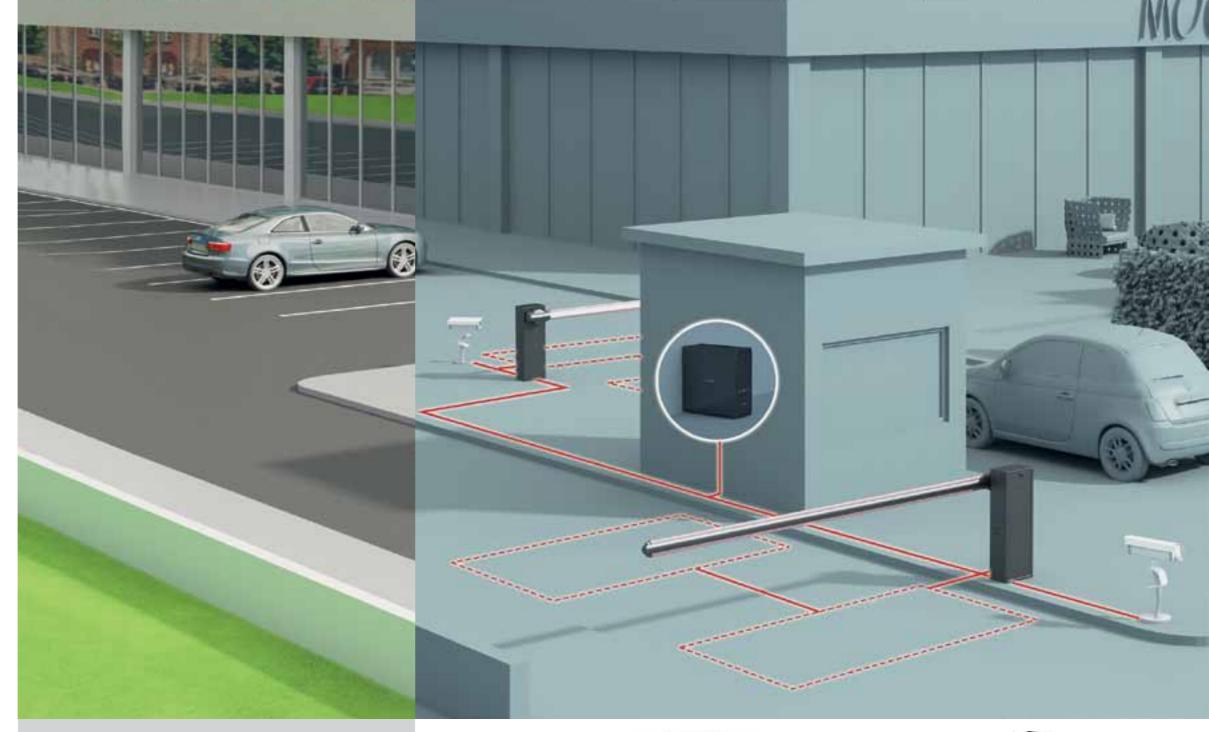


NUMBER-PLATE READING

Car park without tickets

Managing a car park without tickets? It's possible.

Espas ANPR number-plate recognition system connected to a server to manage information, for automatic management of entry points, enabling the barrier opening. Preregistered users arriving at the car park entry barrier are recognised by the ANPR number-plate reading system which sends the information to the server. If the number is registered, the server commands the opening of the barrier. No kind of paper ticket or card is necessary with this system.



IDENTIFIED SYSTEM

- 2 Espas ANPR
- 1 Client + Server POS
- 2 Gate panel
- 2 Giotto 305 BT
- 2 Safety loops
- 2 Vehicle detector loops



ANPR system

HD camera for reading the number-



CLIENT AND SERVER POS

HD camera for reading the number-plate



GATE PANEL

Interface system for gate



GIOTTO 305 BT

- Barrier for intensive use
- Useful passage up to 3 m Opening time 2.5 sec
- Impact reaction: reversible



- Automatic access via authorised number-plate reading
- Ticket-less car park system

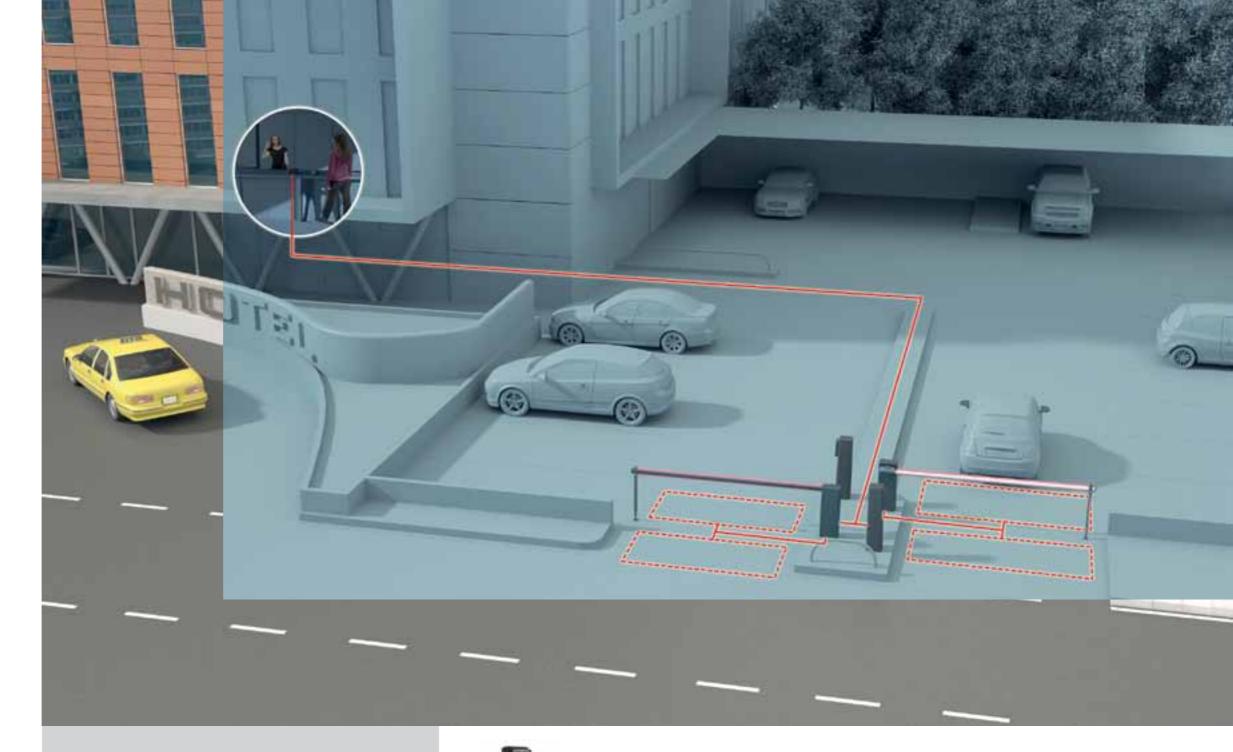


HOTELS

Three products for easy car park management

Hotel guests are ensured access for the duration of their stay, whereas access is permanent for hotel staff.

The parking area is provided with the ESPAS 20I entry and ESPAS 20 U exit stations, both connected to a barrier and two magnetic loops. Tickets are issued to users thanks to the ESPAS 20 T validator, an "all in one" device used by the hotel director to create season tickets on 2D tickets valid for the guest's stay at the hotel.



IDENTIFIED

SYSTEM

- 1 Espas 20 I
- 1 Espas 20 U
- 2 Giotto 305 Bt barriers
- 1 Espas 20 T manual pay station
- 2 Safety loops
- 2 Vehicle detector loops



ESPAS 20 I/U

- · Stand Alone
- · RFID proximity reader
- · 2D fanfold ticket reader-



ESPAS 20 T

- · Manual pay station
- Subscription up to 7 days in 2D fanfold tickets



305 Bt Giotto barrier

- · Barrier for intensive use
- · Useful passage up to 3 m
- · Opening time 2.5 sec
- · Impact reaction: reversible



- A low-impact and economical solution, with the convenience of collecting the ticket directly at the reception desk.
- A simple solution for hotels, where the manager creates ad hoc subscriptions for customers, using an Espas 20T desktop validator



ANTI-TERRORISM

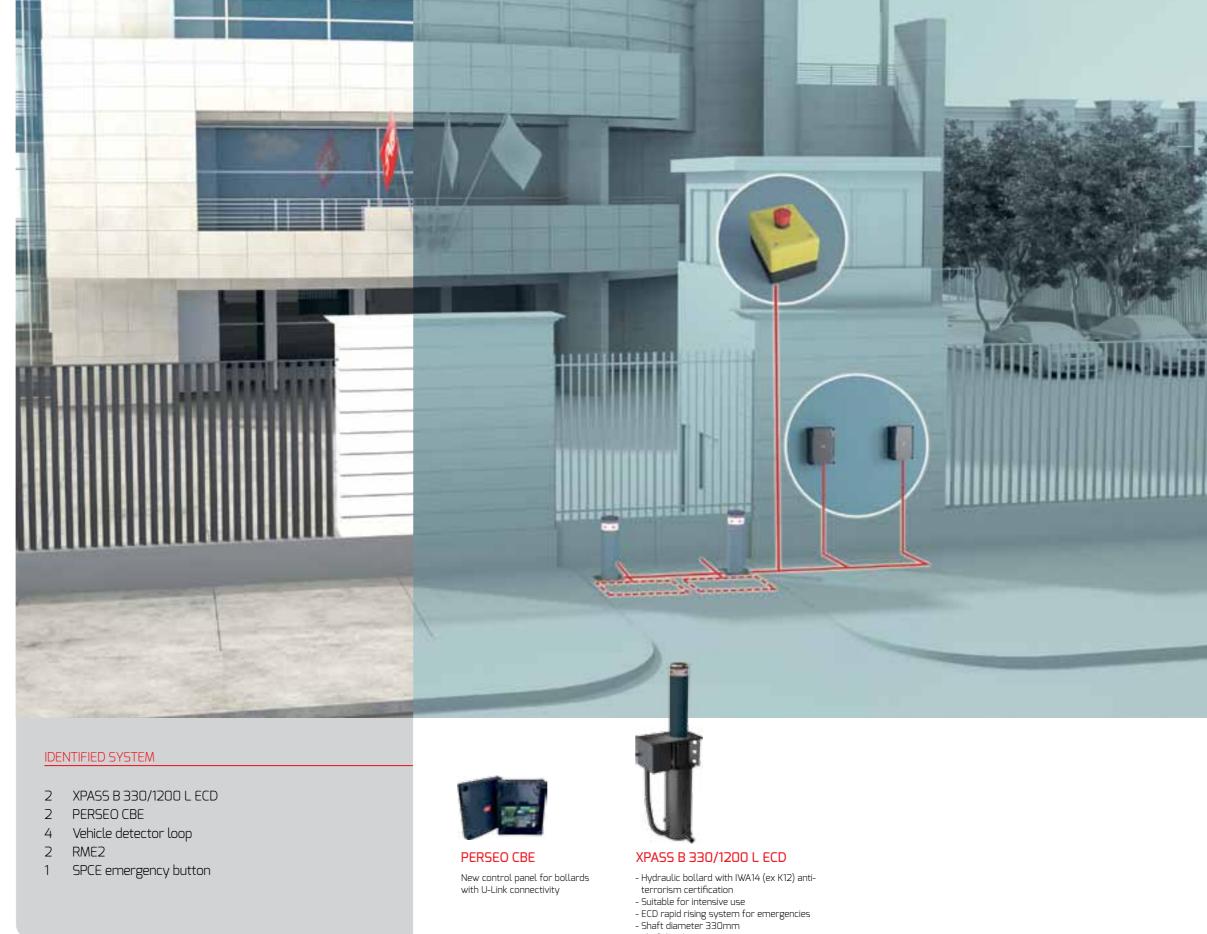
Maximum protection for sensitive sites

Barracks, embassies, banks and all those structures that constantly require maximum security: Bft has developed the right bollard for you.

With Xpass B 330/1200 L ECD maximum security for the most sensitive sites is guaranteed. These bollard have IWA14 (ex Pas68-K12) anti-terrorism certification, and can stop a 7200 kg truck travelling at a speed of 80 km/h. They also have an ECD emergency system that rapidly raises the bollard, completely lifting the shaft 120cm in little over 2 seconds.



- IWA14 (ex PAS68 K12) anti-terrorism certification.
- Can withstand a 7200Kg truck at 80Km/h.
- Emergency system with rapid bollard rising (ECD).



- Shaft height 1200mm
- Bollard non-reversible in case of a power failure



LARGE ACCESS POINTS

Chain barrier for access points up to 16 m

How to operate on large access points?

When the boom is not long enough to ensure optimum management of the access point, there is the Twin Light barrier. It covers access points up to 16 m in length thanks to the chain positioned between two posts. The green and red lighting of the cap indicates the status of the device: a visual safety measure in addition to the 24V motor with reversing if an obstacle is detected. Functional, precise, safe.



IDENTIFIED SYSTEM

- 1 TWIN LIGHT ON
- TWIN LIGHT OFF
- PRV CHN-10 chain
- 1 CHN-DRIVE 1 guide
- 2 PHP column (pairs)
- 2 Thea A15 O PF pair of photocells





TWIN LIGHT OFF Non-motorised column

PRV CHN-10



THEA A15 OPF

Adjustable photocell with integrated high-brightness flashing LED light



PHP

Pair of columns for Thea photocells



- Access control for widths up to 16 m
- Traffic lights incorporated in the caps
- 24V motor, safety with reversing if an obstacle is detected

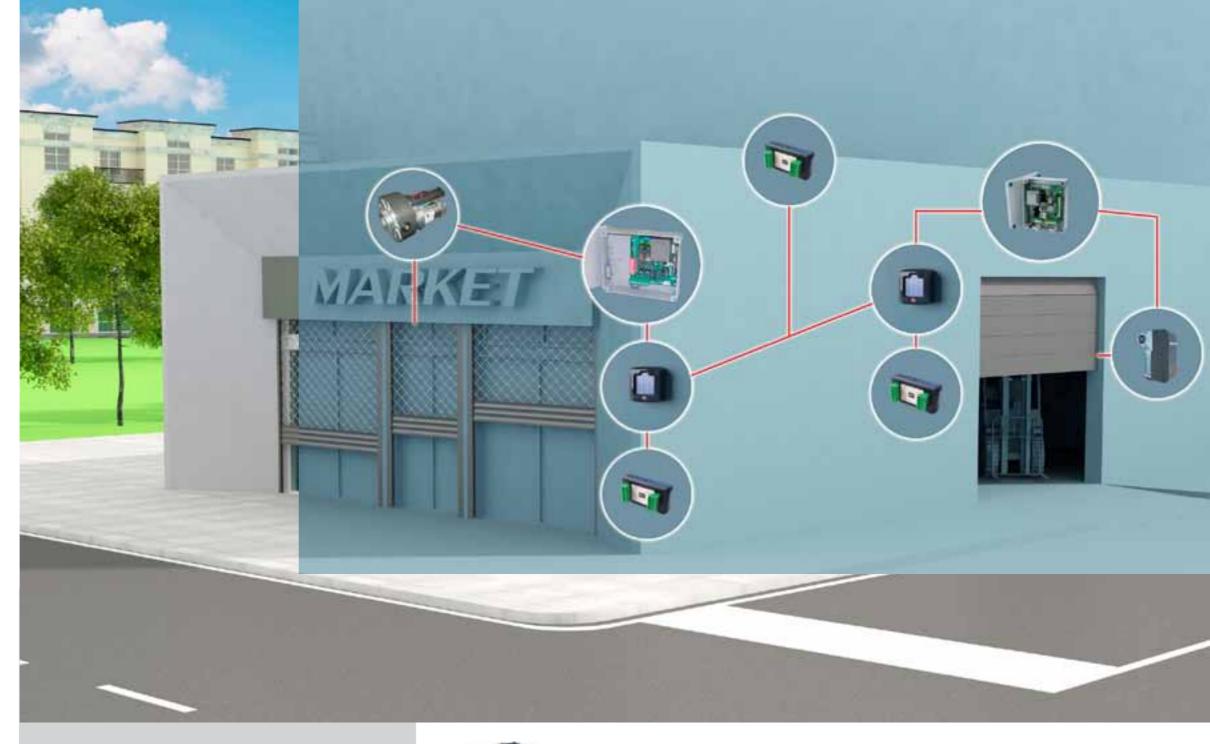


SHOPPING CENTRE

Integrated system for managing the access points of a shopping centre

integration of the access control system and operators has never been easier.

An Axxedo Stand Alone access control system, integrated with Wind shutter operators and Pegaso sectional door motors, allows the shutters of a business to be opened using just the badge. Allows the opening and automatic access to the warehouse of the business, still using just the badge.



IDENTIFIED SYSTEM

- PEGASO B CJA
- LEO B CBB
- I WIND RMB
- ELBA BU
- 3 AXXEDO STAND ALONE
- 2 AXXEDO O.BO DC
- 1 AXXEDO POWER



PEGASO B CJA Electromechanical operator for the automation of industrial sectional doors



LEO B CBB

Control panel for Pegaso B Cja series single- or three-phase operators



Range of operators for



ELBA BU

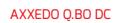
Control panel, max 230V for an operator for blinds or shutters



- Easy to install
- Guarantees a high level of security with centralised management of access points without using software
- Use of just the badge for authorisation to access and for automatic opening



One in/one out configurable Master-slave device



- Capacitive keypad with proximity reader 125KHz
- Integrated twilight sensor



AXXEDO POWER

24 Vdc switching power supply

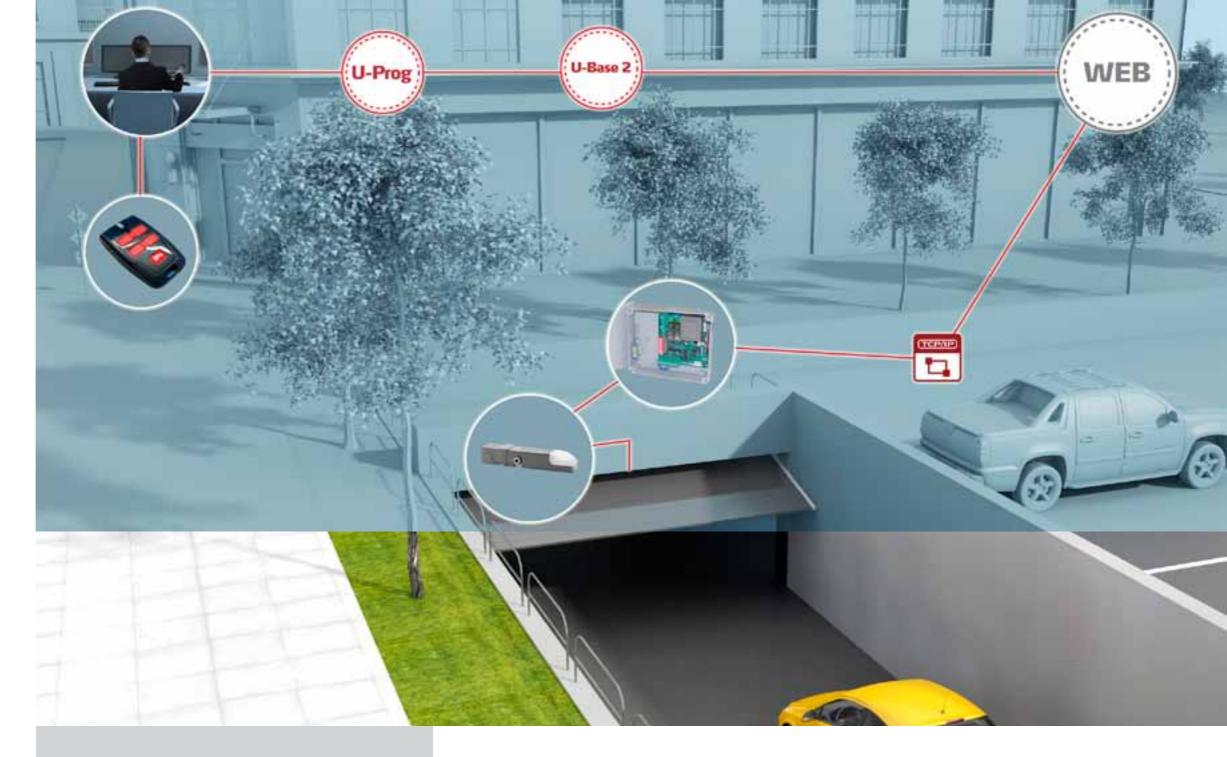


CONDOMINIUM

Manage the remote controls of a condominium directly from your office

Program and manage the remote controls of a condominium in a quick and easy way. With U-Prog all this is possible.

Today, duplicating, replacing or cancelling remote controls without leaving the office is possible with U-Base U-Prog.
With a remote connection and the UBase application you can program the remote controls of a condominium even from the office, thanks to B eba TCP/IP



IDENTIFIED SYSTEM

- 1 PHEBE
- CLONIX AC 2E ULINK
- BEBA TCP/IP GATEWAY
- U-BASE 2
- 1 U-PROG



PHEBE

Operator with integrated panel for up&over garage doors



B EBA TCP/IP GATEWAY

Gateway interface card for TCP/IP protocol



CLONIX AC 2 and U-link

Control unit for connection of products by other brands to a U-link network



- Easy programming of remote controls in a condominium
- Possibility of memorising remote controls even in block
- Minimal system running costs



II DACE O

Software for programming and Programm management of.control units, receivers and remote controls via Bluetooth.

Complete with USB Bluetooth



U-PRO

Programmer for remote controls and



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All the products of the Building ACCESS Automation world



· Fully web-based system, components connected via TCP-IP, unique design for easy payment.



ESPAS 30 Car park system.

Wired system for advanced installations:

the system is interconnected in a standard manner via RS 485 network, maintaining the characteristics of modularity and expandability.



NEW 2 0 1 5

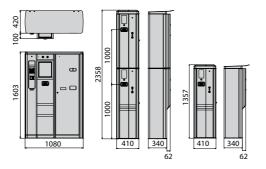


SINUA-P automatic pay station

SINUA-I/U entry/exit column

FEATURES

· Through the Bft U-Link proprietary protocol the operator can remotely control the state of the car park and also do operational diagnostics of the barriers installed in the system



SPECIFICATIONS

Power supply: Operating current absorption: Current absorption when idle: Interface:

Material:

Weight:

Operating temperature Interface: Proximity reader

SINUA-P

230 Vac/50Hz 200 W 70 W TCP-IP

Material: powder-coated galvanised steel structure

100 Kg -20 to +50°C TCP-IP RFID 125kHz

SINUA-I/U

230 Vac/50Hz 200 W 70 W TCP-IP

Material: powder-coated galvanised steel structure

60 Kg -20 to +50°C TCP-IP RFID 125kHz



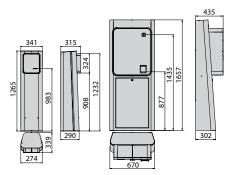
ESPAS 30 - P automatic pay station



ESPAS 30 I/U entry/exit column

FEATURES

· Versatile and expandable: it adapts to specific needs (from supermarkets to hotels, and countless other solutions, by combining accessories and products that are complementary to Espas 30)



SPECIFICATIONS

Power supply:

Operating current absorption: Current absorption when idle:

Material:

Weight: Operating temperature

Interface: Proximity reader ESPAS 30 P

230 Vac/50Hz 200 W 70 W

Material: powder-coated galvanised

steel structure 90 Kg -20 to +50°C RS-485 serial RFID 125kHz

ESPAS 30 I/U

230 Vac/50Hz 200 W 70 W

galvanised steel structure, painted RAL 7015

60 Kg -20 to +50°C RS-485 serial RFID 125kHz



ESPAS 20

Car park system.

· The Espas20 system can be used to regulate entry points in small parking areas where sophisticated controls for operators, cashier work shifts and season ticket management are not required.



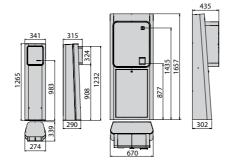
ESPAS 20 - P automatic pay station



ESPAS 20 I/U entry/exit column

FEATURES

· Allows the creation of an attended parking area in an economical and immediate way, without requiring lots of maintenance or specific configurations. The 2D barcode ticket technology allows the manager to set rates linked to the time parked in the car park.



SPECIFICATIONS

Power supply: Operating current absorption:

Current absorption when idle:

Material

Weight:

Operating temperature Interface: Proximity reader

ESPAS 20 P

ESPAS 20 I/U 230 Vac/50Hz 230 Vac/50Hz 200 W 200 W 70 W 70 W

galvanised steel structure, painted RAL galvanised steel structure, painted 7015 galvanised steel structure, painted RAL 7015 RAL 7015 90 Kg

60 Kg -20 to +50°C -20 to +50°C non-wired system non-wired system RFID 125kHz RFID 125kHz

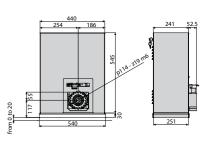


SP 3500

Electromechanical operator for sliding gates for collective use

· Powerful and sturdy operators, specially designed for large and heavy gates. The heavy structure of the gear motor, the painted galvanised steel casing and the on-board control unit make it the ideal solution for all industrial situations where reliability and power are essential.





FEATURES

· Release with ball bearings on pinion for maximum ease of movement.

SPECIFICATIONS

Control unit Power supply Absorbed power Type of limit switch Pinion module Slowdown Impact reaction Lock Release Frequency of use Ambient conditions

Actuator weight

SP3500 TRI 230 SIRIO TEL

230V

550W electromechanical 6 no mechanical clutch mechanical hexagonal key very intensive -15* + 50°C 54 kg

SP3500 TRI 400

SIRIO TEL

400V 550W electromechanical 6 mechanical clutch mechanical hexagonal key very intensive -15* + 50°C 54 Kg



MAXIMA

Electromechanical barrier for very intensive use.

· Range of professional 230v AC electromechanical barriers for intensive use, designed and developed to operate in a wide variety of operating conditions, such as large car parks, motorway toll-gates, industrial installations. Mechanical movement with connecting rod-crank mechanism ensuring smooth movement of the boom, while managing slowdown in opening and closing. The same mechanism can ensure high anti-vandal protection for the gearmotor.









FEATURES

- · Very intensive use
- Encoder technology
- · Anti-vandal connecting rod-crank mechanism

DIMENSIONS

MODEL

ab cde fg

MAXIMA 30 MAXIMA 60 **MAXIMA 80**

1110 120 320 40 480 950 280 1155 170 360 60 590 950 400 1155 170 360 60 590 950 400

SPECIFICATIONS

Useful passage Control unit Power supply Opening or closing Frequency of use MCBF (Mean Cycles Between Failure) Slowdown Impact reaction Lock Release

Ambient conditions

Protection rating

MAXIMA 30

1.7 m to 3 m CSR-RR Single-phase 230 V 1.7 sec. 10,000 Op/day 5,000,000 Op

in opening and closing encoder mechanical inside the structure -30°C +60°C

IP65

MAXIMA 60

in opening and closing

inside the structure

encoder

IP65

mechanical

-30°C +60°C

MAXIMA 80 4 to 6.4 m 6.5 to 8 m CSB-BR CSB-BR Single-phase 230 V Single-phase 230 V 9 sec. 9 sec. 2,000 Op/day 2,000 Op/day 2,000,000 Op 2,000,000 Op

> in opening and closing encoder mechanical inside the structure -30°C +60°C IP65



MICHELANGELO

Automatic barrier for very intensive use.

- · Range of barriers for very intensive use, able to manage useful passages of up to 8 m. The wide range of accessories, incorporated flashing light and the arrangement for installing photocells make them ideal in
- · Control unit with programming display and incorporated two-channel radio receiver fitted in the top of the unit for easier
- · Limit switch system with electronic adjustment that speeds up installation and ensures maximum precision of movement.
- · Backup battery power supply system, installable on-board unit.
- · IP54 protection rating

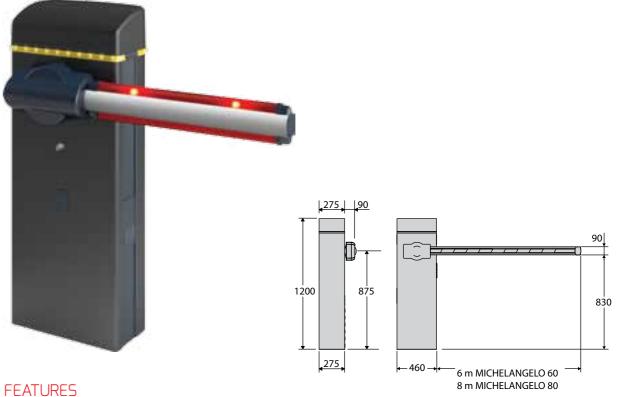












- · Control unit with U-Link and programming display
- · IP54 protection
- · Electronic limit switches

SPECIFICATIONS

Useful passage Control unit Power supply Opening or closing Type of limit switch Slowdown Lock Release Frequency of use Ambient conditions

MICHELANGELO BT A 60 U MICHELANGELO BT A 80 U 6 m 8 m

MERAK BM MERAK BM 24V 24V 6 sec. 8 sec. electronic electronic adiustable adiustable mechanical mechanical key intensive intensive

from -20 (-40 with thermo activation) °C to 50°C



GIOTTO

Electromechanical barrier for intensive use.

- · Range of barriers for semi-intensive use, able to manage useful passages up to 6 m. Available in 24V versions, they have a wide range of accessories making them ideal in any context
- · Scenario programming: the LIBRA CG/CGS control units enable extremely rapid and precise installations thanks to the scenario programming of the installation. In fact, with just a few choices made on the display it is possible to program the control unit completely, saving time and ensuring the best results
- · Control unit in upper position: the control unit located at the top of the barrier and protected by a solid aluminium housing enables connection, programming and maintenance operations to be performed with maximum ease and
- · 24V power supply: The gearmotor 24V power supply allows the use of the emergency power supply kit (GTO BAT battery kit) and also the ECOSOL solar power system

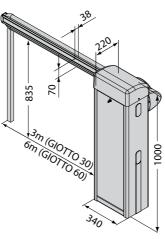












FFATURES

- Encoder technology
- · Electronic limit switches
- · Compatible with ECOSOL solar power system

SPECIFICATIONS

Useful passage Control unit Motor power supply opening or closing Type of limit switch Slowdown Impact reaction Release Frequency of use Ambient conditions Protection rating

GIOTTO 30 BT

3 metres Libra C G 74V 4 seconds elec.opening/closing adiustable encoder mechanical personal kev intensive -10°C to +55°C* IP54

GIOTTO 305 BT

3 metres 6 metres Libra C GS Libra C G 74V 74V 2.5 seconds 5 seconds elec.opening/closing elec.opening/closing adiustable adiustable encoder encoder mechanical mechanical personal key personal key intensive intensive -10°C to +55°C* -10°C to +55°C* IP54 IP54

GIOTTO 60 BT

6 metres Libra C GS 74V 4 seconds elec.opening/closing adiustable encoder mechanical personal key intensive -10°C to +55°C* IP54

GIOTTO 605 BT

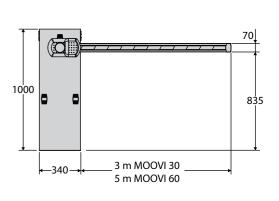


MOOVI

Electromechanical barrier for intensive use.

- · Range of barriers for semi-intensive use, able to manage useful passages up to 6m. The wide range of accessories available makes them ideal in any context
- · Also available in Moovi 30S rapid version with opening speed of 1.5s (plus slowdown) and intensive use.
- · Control unit with programming display and incorporated two-channel radio receiver (models Moovi 30/60RMM/30S)





57

FFATURES

- · Control unit with display and incorporated receiver
- · Impact reaction via encoder

SPECIFICATIONS

MOOVI 305 MOOVI 30 MOOVI 30 RMM **MOOVI 60** MOOVI 60 RMM Useful passage 3 metres 3 metres 3 metres 6 metres 6 metres Leo MV D Leo MV D Control unit Alpha Bom Leo MV D Alpha Bom Motor power supply 74NV 74NV 24NV 24NV 74NV opening or closing 1.5sec + slowdown 4 seconds 4 seconds 8 seconds 8 seconds Type of electric limit switches incorp. and adjustable Type of limit switch adjustable adjustable adjustable Slowdown adjustable adjustable Impact reaction encoder encoder encoder encoder encoder Lock mechanical mechanical mechanical mechanical mechanical personal key Frequency of use intensive semi-intensive semi-intensive semi-intensive semi-intensive -10°C to +55°C* Ambient conditions Protection rating IP54 IP54 **IP54** IP54 IP54



DAMPY B

Semi-automatic bollards

Complete range of semi-automatic bollards operated by gas spring.

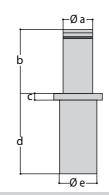
They allow the economical and extremely simple control of road access points. Also available with stainless steel shaft and luminous cap.



DAMPY B Ø115/500 DAMPY B Ø115/500 S/STEEL



DAMPY B Ø219/500-700 DAMPY B Ø219/500-700 S/STEEL



DAMPY B 115-500 / DAMPY B 115-500 INOX 115 500 25 593 168 DAMPY B 210-500 / DAMPY B 219-500 INOX 210 500 45 756 273 DAMPY B 210-700 / DAMPY B 219-700 INOX 210 700 45 1016 273

SPECIFICATIONS

Shaft size Shaft thickness Impact resistance Breaking resistance Shaft treatment Shaft movement Lifting thrust Surface finish

Shaft locking

Ø115 mm H: 500 mm 4 mm

DAMPY B Ø115-500

5,000 JOULE 30,000 JOULE cataphoresis with internal gas spring 100 N

with triangle key

cataphoresis with internal gas spring 170 N grey paint RAL 7015 + rear- grey paint RAL 7015 + rearwith triangle key

6 mm

10,000 JOULE

60,000 JOULE

DAMPY B Ø219-500

Ø220 mm H: 500 mm

DAMPY B Ø219-700

Ø220 mm H: 700 mm 6 mm 10,000 JOULE 60,000 JOULE cataphoresis with internal gas spring grey paint RAL 7015 + rear-reflecting film

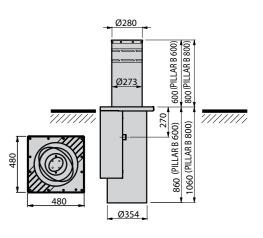
with triangle key

PILLAR B Hydraulic bollard.

· 230v AC hydraulic bollard for very intensive use. Their size and technical characteristics make them particularly suitable in installations for the protection of sensitive sites, and in the version with SD (Security Device) the shaft can be kept raised even in case of a power failure.







FEATURES

- · High breaking resistance
- · Stainless steel version for maximum resistance in all types of ambient conditions
- · Suitable for very intensive use

SPECIFICATIONS

Voltage Shaft height Shaft diameter Raising time Operator type Control unit Breaking resistance Frequency of use Type of limit switch Impact resistance Manual operation Ambient conditions

230 V 600mm 275 5 sec hydraulic bollards PERSEO CBD 230.P SD 250000J 3000 Op/day

PILLAR B 275/600.6C L

reed magnetic sensor 20,000 J reversible with no power -40°C +60°C

600mm 275 5 sec

hydraulic bollards PERSEO CBD 230.P SD 250000J 3000 Op/day reed magnetic sensor 20.000 J reversible with no power -40°C +60°C

PILLAR B 275/600.6C L SD

PILLAR B 275/600.6C LI SD

PILLAR B 275/800.6C L 230 V

800mm 275 6.5 sec hydraulic bollards PERSEO CBD 230.P SD 250000J 3000 Op/day reed magnetic sensor 20.000 J reversible with no power -40°C +60°C

PILLAR B 275/800.6C L SD PILLAR B 275/800.6C LI SD

800mm 275 6 5 sec hydraulic bollards PERSEO CBD 230.P SD 250000J 3000 Op/day reed magnetic sensor 20.000 J reversible with no power

59

-40°C +60°C

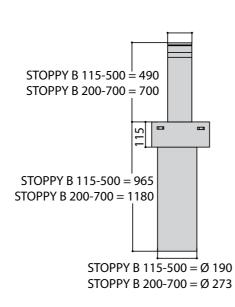


STOPPY-B

Electromechanical bollard.

· 230v AC electromechanical bollards, equipped with internal servo motor permanently lubricated with grease. STOPPY-B is particularly suitable for installation in private contexts (parking bollards, private home access points, garages, etc.).





FEATURES

· Protection with backup batteries (optional) even in case of a power failure

SPECIFICATIONS

Shaft diameter Shaft height Raising time Control unit Breaking resistance Type of limit switch Slowdown Breaking resistance Lock Manual operation Frequency of use

Ambient conditions

STOPPY B 115/500 115 mm

500 mm

60000J

6000J

-20°C +60°C

7 sec.

STOPPY B 200/700 200 mm 700 mm 9 sec. PERSEO CBD PERSEO CBD 60000J reed magnetic sensor reed magnetic sensor 6000J electric brake electric brake reversible with no power reversible with no power semi-intensive semi-intensive

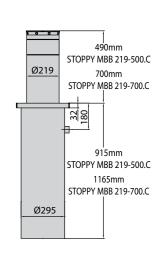
-20°C +60°C

STOPPY-MBB

Electromechanical bollards for intensive use

- · 230v AC electromechanical bollard with internal oil-bath gearmotor. Stoppy-Mbb is the ideal solution for contexts of particular architectural and urban interest, thanks to specially studied colours and a new design for the floor flange and LED light cap.
- · Designed to work in the most extreme conditions, thanks to all metal parts being cataphoresis treated and the new EPDM seal integrated in the flange and the LED light cap which, with the shaft lowered, fits perfectly into the floor flange, drastically reducing the ingress of debris in casing.
- · PERSEO CBD control unit with menu programming on the display, automatic servicing warning, simultaneous management of up to 4 bollards, integrated receiver and integrated heating element.





FEATURES

· Protection with backup batteries (optional) even in case of a power failure

SPECIFICATIONS

Shaft diameter Shaft height Raising time Control unit Impact resistance Breaking resistance Slowdown Lock Manual operation Frequency of use Ambient conditions Movement

Supply voltage

STOPPY MBB 219/500 219mm 500 mm 6 sec. PERSEO CBD 10,500 JOULE 150,000 JOULE

yes electric brake

Spontaneous intensive 1,500 movements/day - 20° C + 60° C

With slowdown in opening and closing 230V ± 10% 50/60 Hz

STOPPY MBB 219/700

219mm 700 mm 9 sec. PERSEO CBD 10,500 JOULE 150,000 JOULE yes electric brake Spontaneous

intensive 1,500 movements/day

- 20° C + 60° C

With slowdown in opening and closing 230V ± 10% 50/60 Hz



TWIN

24V chain barrier for access points up to 16 m

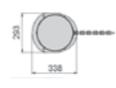
"TWIN" 24 Vdc automatic chain barrier for intensive use, suitable for delimiting accesses to residential and industrial areas and small private car parks with entry points up to 16 m.

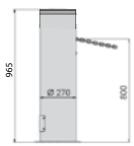
The exclusive cap with traffic lights and buzzer facilitates entry and exit.

Very durable, cataphoresis treated and painted steel structure, "TWIN" is an excellent and safe solution for protecting public and private areas, thanks to an "encoder" reverse motion system, and integrates perfectly with the urban environment. Supplied as standard with armoured padlock and numbered key.









chain up to 16 m

FFATURES

· Version with Traffic light cap available

DIMENSIONS

PRV - CHN 16

MODEL H cat Base ø TWIN ON LIGHT 1000 800 338 TWIN OFF LIGHT 1000 800 338 270 PRV - CHN 10 chain up to 10 m

SPECIFICATIONS

Opening or closing Security Access point width Chain m

Control unit

Motor power supply Type of limit switch Impact reaction Freq. of use Ambient conditions

62

TWIN ON LIGHT

armoured lock with key up to 10 m (PRV-CHN 10) up to 16 m (PRV-CHN 16) ø 8 (prv-chn 10) ø 4.5 (prv-chn 16)

on board Model LOG-BC with integrated receiver 24V

electronic "ENCODER" reverse motion when closing intensive -20°C + 60°C

TWIN Off LIGHT

armoured lock with key up to 10 m (PRV-CHN 10) up to 16 m (PRV-CHN 16) ø 8 (prv-chn 10) ø 4.5 (prv-chn 16)

-20°C + 60°C



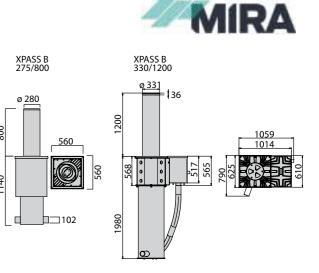
Easy

XPASS B Anti-terrorism bollard

Antiterrorism bollards tested and certified (crash-tested) by an independent body according to standards IWA14-1:2013 V/7200(N3C)/80/90 and PAS 68:2010 7500/50/N2 crash simulated (formerly K12 and K4). Anti-terrorist protection even with single bollard.

Independent lateral hydraulic control unit for each bollard: in case of a control unit failure the other bollards remain functional, whereas maintenance operations are facilitated.





FEATURES

- · Independent hydraulic pump
- \cdot ECD accessory available for emergency rapid raising (X-Pass 330/1200 version)
- · Maximum breaking resistance (anti-terrorism protection)
- · Stainless steel version for maximum resistance in all types of ambient conditions

SPECIFICATIONS

	XPASS B 275/800C LI	XPASS B 275/800C LI SD	XPASS B 330/1200C LI	XPASS 330/1200C LI ECD
Voltage	230 V	230 V	230 V	230 V
Shaft height	800 mm	800 mm	1200 mm	1200 mm
Thickness	10 mm	10 mm	25 mm	25 mm
Shaft diameter	275 mm	275 mm	330 mm	330 mm
Raising time	7 sec.	7 sec.	5.3 sec.	5.3 sec. (2.5 for emergency)
Shaft treatment*	AISI304 or AISI316 stainless steel	AISI304 or AISI316 stainless steel	AISI304 or AISI316 stainless steel	AISI304 or AISI316 stainless steel
Lowering time	4 sec.	4 sec.	4 sec.	4 sec.
Operator	hydraulic bollard	hydraulic bollard	hydraulic bollard	hydraulic bollard
Control unit	PERSEO CBE 230.P SD	PERSEO CBE 230.P SD	PERSEO CBE 230.P SD	PERSEO CBE 230.P SD
Breaking resistance	730000J	730000J	2100000J	2100000J
Frequency of use	2000 Op/day	2000 Op/day	2000 Op/day	2000 Op/day
Standard anti-terrorism	Pas 68:2010 7500/50/n2 crash simulated	Pas 68:2010 7500/50/n2 crash simulated	IWA14-1:2013 V/7200(N3C)/80/90	IWA14-1:2013 V/7200(N3C)/80/90
Type of limit switch	reed magnetic sensor	reed magnetic sensor	reed magnetic sensor	reed magnetic sensor
Manual operation	reversible with no power	reversible with mechanical key with no power	reversible with mechanical key with no power	reversible with mechanical key with no power
Ambient conditions	-40°C +60°C	-40°C +60°C	-40°C +60°C	-40°C +60°C

*if the code has L in place of Li = RAL 7015 painted steel and reflective film H

AXXEDO Access control system.

AXXEDO SYSTEM

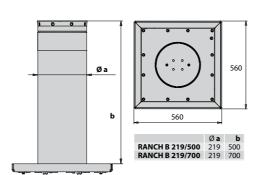
· Axxedo ensures total and complete management of the system even in off-line mode thanks to CEREBRO, the "brain" of Axxedo.

AXXEDO STAND ALONE

Control unit with master/slave operation for controlling a gate.



Fixed bollards used for preventing access for long periods. Bolted to the ground, their purpose is to block an access point or a road. They can integrate the use of automatic or semi-automatic bollards.





AXXEDO POWER

24V switching power supply.

AXXEDO CEREBRO

Control unit for advanced management of up to 32 access points, also in off-line mode

AXXEDO MODULE

4in/4out peripheral for controlling up to 4 access points.

FEATURES

- · modular, the number and type of access points controlled can be modified at any time
- · Safe, protected against outside violation
- · Expandable, with free wiring

AXXEDO BOX

Control panel with DIN rail.

EXAMPLE OF CENTRALISED SYSTEM

- · 1.0 AXXEDO module (up to 8 for each Cerebro)
- From 1.1 to 4.8 Q.BO DC (up to 8 for each access point, max 32 for each
- 5.0-5.1-5.2 AXXEDO CEREBRO (up to 32 Cerebro for each system)
- · Maximum distance between devices: 600 m with free wiring, 1000 m with wiring via

FEATURES

- · Available with cataphoresis treatment or in stainless
- · Available with or without cap lights

SPECIFICATIONS

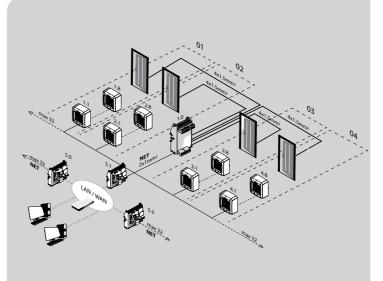
Shaft size Shaft thickness Shaft treatment

Surface finish

Fixing flange Bollard fixing

RANCH B Ø220-500

Ø220 mm H: 500 mm 3 mm cataphoresis RAL 7015 powder coating+ reflective film H=100 mm Ø 340 mm steel, 5 mm thick With 3 fixing screws





(S) U-Link

er er ready

EE link ee link

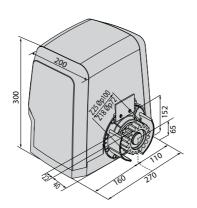
7 24 V

ARES ULTRA BT

Electromechanical operator for sliding gates for collective use

Range of operators for sliding gates up to 1500 Kg. Maximum wing speed up to 9 m/min. The control unit is compatible with U-Link system.





FEATURES

- · Magnet limit switch
- D-Track
- · Front screws for easy casing opening
- · U-link arranged control unit for controlling the operator via Blue entry

SPECIFICATIONS



Control unit Power supply Absorbed power Type of limit switch Max wing weight (Kg) Pinion module Slowdown Impact reaction Lock Release Frequency of use

Ambient conditions Actuator weight

ARES ULTRA BT A1000 ARES ULTRA BT A1500

MERAK MERAK 24V 24V 240W 400W magnetic magnetic 1500 Kg 1000 Kg yes yes D-Track D-Track mechanical mechanical by lever with personalised key by lever with personalised key

7 kg

intensive intensive -15* + 60°C -15* + 60°C

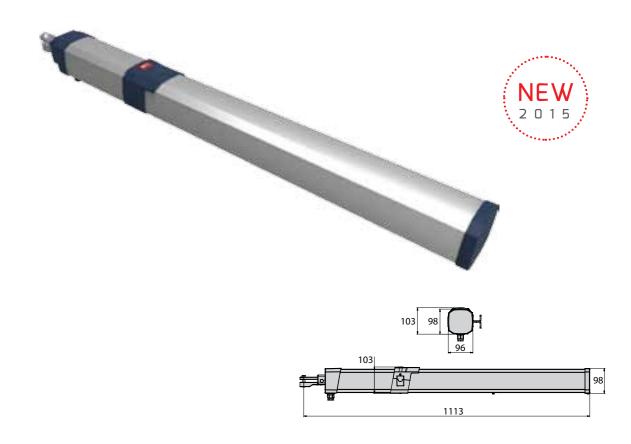
7 Kg

GIUNO ULTRA BT

Range of hydraulic operators

Complete range of low voltage hydraulic pistons for very intensive use, suitable for any type of residential, industrial or multi-residence application.

Compact and sturdy, capable of automating swing gate wings up to 5 metres wide and weighing up to 800 kg. Available in reversible and/or non-reversible versions, they ensure maximum anti-crushing safety thanks to the absolute encoder and exclusive D-Track system.



FEATURES

- · D-Track
- · Magnet limit switches

SPECIFICATIONS GIUNO ULTRA BT A20 GIUNO ULTRA BT A50 THALIA P THALIA P Power supply (V) 24V 24V 300 300 Absorbed power (W) Shaft useful travel (mm) 270 392 5 m Wing length (m) 2 m 300 Kg 800 Kg Wing weight (Kg) Maximum angle 113 130 20 Manoeuvre time (sec) 14 Slowdown yes D-track D-track Impact reaction selectable in opening and closing selectable in opening and closing Lock Release Triangle key Triangle key Frequency of use Very intensive Very intensive -20° to +60° Operating temperature (C°) -20° to +60° Protection rating IP55 IP55 Weight (kg) 8.4 12.9 Type of limit switch magnetic magnetic



VISTA SL

Automation for automatic sliding pedestrian doors.

Complete range of automations for fast sliding pedestrian doors with wings having a maximum weight of 150 kg. The control unit, with a programming display and microprocessor technology, makes it possible to control all the main functions automatically.

The cushioned rail and shaped wheels ensure absolutely silent movement.

Control unit with programming display and autoset system for movement and torque parameters. Incorporated dual channel radio receiver. WMP rapid assembly profile.

Electric locking with holding of wings at each stop position. Available assembled to size or in an







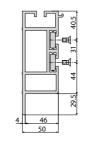


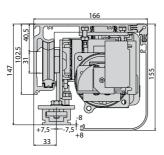






- · U-Link connectivity
- · D-Track
- · Control unit with display with simplified programming





SPECIFICATIONS

Motor power supply Operation cycle Absorbed power Min. useful passage Max. useful passage Max. wing weight Max. movement speed Crossbar dimens. Partial opening Anti-crushing Operating temperature VISTA SL 1

24V Continuous 230W 75 225 cm 150 kg 100 cm/sec 166x155 mm 10-70% useful passage encoder and microprocessor

-0 +55°C inside box

VISTA SL 2 24V

Continuous ZZNW 80 cm 290 cm 120 +120 kg 200 cm/sec 166x155 mm 10-70% useful passage encoder and microprocessor -20 +50°C



VISTA SL C

Automation for automatic sliding pedestrian doors.

Compact automation for pedestrian doors for wings weighing up to 100Kg. Only 80 mm high: The extremely reduced height makes installation possible even with low ceilings or particularly thin fixtures. The control unit, with programming display allows automatic adjustment of all the main functions. The WMP anchor profile makes door installation quick and easy, reducing laying times and ergonomically optimising the assembly stages. Integrated radio receiver: Thanks to the radio receiver incorporated in the control unit, the VISTA SL C door can be remotely controlled in wireless mode via the various BFT control systems, such as RB or T-BOX. Available assembled to size or in an assembly







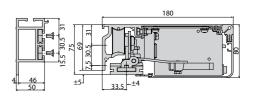






FEATURES

- · U-Link connectivity
- D-Track
- · Control unit with display with simplified programming



SPECIFICATIONS

Motor power supply Operation cycle Absorbed power Min. useful passage Max. useful passage Max. wing weight Max. movement speed Crossbar dimens. Partial opening Anti-crushing Operating temperature

VISTA SL C 1 24V Continuous ZZUM

75

225 cm 100 kg 80 cm/sec 180x80 mm 10-70% useful passage encoder and microprocessor -20 +55°C

VISTA SL C 2

24V Continuous ZZUW 80 cm 290 cm 80 + 80 kg 160 cm/sec 180x80 mm 10-70% useful passage encoder and microprocessor -20 +55°C



VISTA TL

Automation for automatic sliding pedestrian doors.

The telescopic sliding Vista TL has been developed to allow the automation of sliding doors fitted in entrances with very limited space. Allows the automation of wings up to 120 kg. Minimum useful passage 800 mm and maximum 4400 mm. Control unit with programming display and autoset system for movement and torque parameters.

Incorporated dual channel radio receiver. Electric locking with holding of wings at each stop position. Available assembled to size.







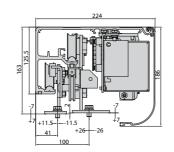






FEATURES

- · U-Link connectivity
- · D-Track
- · Control unit with display with simplified programming



SPECIFICATIONS



Operating temperature

VISTA TL2

24V
Continuous
230W
80
330 cm
120 kg
100 cm/sec
224x186 mm
10-70% useful passage
encoder and microprocessor
-0 +50°C

VISTA TL4

24V
Continuous
230W
160 cm
440 cm
80 kg
200 cm/sec
224x186 mm
10-70% useful passage
encoder and microprocessor
-0 +50°C



VISTA SW MXL/SXL

Automation for automatic swing pedestrian doors.

- · Range of automation systems for pedestrian swing doors, also suitable for the automation of existing entrances and ideal for intensive use and large and heavy wings.
- Available with motorised opening and closing as well as closing with return spring. The control unit, with a programming display and microprocessor technology, makes it possible to control all the main functions automatically.
- · Model Sw Sxl: in case of a power failure, the spring always allows manual opening and automatic mechanical closing.





FEATURES

- · Wings up to 250kg
- · Push-to-open function
- · Models with motor or spring closing

SPECIFICATIONS

Motor power supply Max torque Closing Operation cycle Absorbed power Min. useful passage Max. useful passage Max. wing weight Max. opening angle Closing speed/time Opening speed/time Crossbar dimens. Anti-crushing Release Emergency operation Operating temperature

VISTA SW MXL

24V
45 Nm
motor
Continuous
230W
70 cm
140 cm
250 kg
110°
Reg. 20°/se
Reg. 10°/se
684x86 mr
encoder and
reversible

250 kg 110° Reg. 20°/sec+70° sec (3+6 sec) Reg. 10°/sec+40° sec (4+15 sec) 684x86 mm encoder and microprocessor reversible back-up batteries -10 +50°C

VISTA SW SXL

24V 45 Nm spring or motor Continuous 230W 70 cm 140 cm 250 kg

Reg. 20°/sec÷70° sec (3÷6 sec) Reg. 10°/sec÷40° sec (4÷15 sec) 684x86 mm

encoder and microprocessor reversible

manual opening/spring closing

-10 +50°C



WIND

230V operators for roller shutters

Complete range of operators with and without electric brake, suitable for use on shutters for 60 mm or 101 mm shaft and diam. 200 and 240 mm pulley.

They are also fitted on 220 mm (RMB) and 280 mm (RMC) spring holders, thanks to the adapters already included in the package.

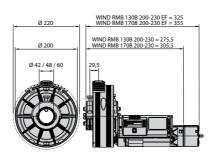


ARGO

Operators for industrial and sectional garage doors

24V electromechanical operators for sectional garage doors installed in residential, industrial and commercial contexts. The sturdy mechanical structure and microprocessor technology of the control unit allow intensive use of the operator, while ensuring lasting maximum reliability. Also, the D-Track torque control system and absolute encoder ensure extremely precise control of wing movement and obstacle detection.

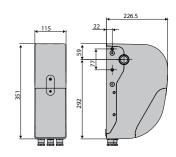












FEATURES

 $\boldsymbol{\cdot}$ Limit switches with easy and intuitive adjustment

SPECIFICATIONS

	WIND RMB 130B 200-230	WIND RMB 170B 200-230	WIND RMB 235B 240-230	WIND RMB 445B 240-230 E
Control unit		ELBA	/ELBA BU	
Spring holder diameter	200-220 mm	200-220 mm	240-280 mm	240-280 mm
Power supply	230 V	230 V	230 V	230 V
Shaft diameter	42-48-60mm	42-48-60mm	76-101 mm	76-101 mm
Rotation speed	10rpm	10rpm	8rpm	8rpm
Maximum torque	130Nm	170Nm	235Nm	445Nm
Type of limit switch	electromechanical	electromechanical	electromechanical	electromechanical
Impact reaction	no	no	no	no
Ambient conditions		-10°0	to 50°C	

FEATURES

D-track

SPECIFICATIONS

	ARGO	ARGO G
Door surface area	20 m ²	35 m ²
Max torque	55 Nm	80 Nm
Max speed	30 rpm	18 rpm
Control unit	VENERE D ARGO	VENERE D ARGO G
Output revolutions	30 rpm	18 rpm
Motor power supply	24 V	24 V
Absorbed power	240 W	240W
Type of limit switch	absolute encoder	absolute encoder
Slowdown	yes	yes
Impact reaction	d-track	d-track
Lock	mechanical	mechanical
Manual operation	non-reversible	non-reversible
Release	steel cable or rope	steel cable
Frequency of use	intensive	intensive
Ambient conditions	-15°C to	o 55°C



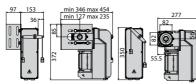
PEGASO B CJA

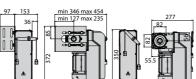
Operators for industrial sectional doors

Range of 230V/400V electromechanical operators for intensive use, for the automation of industrial sectional doors up to 25 m2 or up to 45 m2. Limit switches with absolute encoder, with the possibility of rapid adjustment from floor.

Max. opening speed 24rpm and max. torque 70Nm (Pegaso B Cja625); max. opening speed 24rpm and max. torque 100Nm (Pegaso B Cja 645)









- · Control unit with deadman feature on board operator.
- · Ready-to-use cable system with quick-connectors.

SPECIFICATIONS

Shaft diameter Travel Type of limit switch Ambient conditions

PEGASO B CJA

25.4 mm 18 rev. encoder mechanical -10°C to 50°C



PHEBE N

Operators for up&over garage doors

Electromechanical operator for residential use for the automation of up&over garage doors.

The incorporated control unit manages the second operator for installation on large-size doors or doors with incorporated pedestrian door.

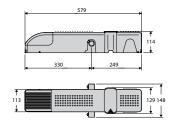
The microprocessor technology also manages the torque of the motors with maximum precision and in total safety











FEATURES

- · Release knob protected by a safety door, also activatable from the outside by means of a steel cable.
- · Quick and easy to adjust limit switches on board motor.

SPECIFICATIONS

Control unit Motor power supply Type of limit switch Impact reaction Lock Release Ambient conditions

PHEBE N

HYDRA N 24 V electromechanical electronic torque limiter mechanical knob -15° C to 60°C

COMPLEMENTARY PRODUCTS

ESPAS 20T Manual Pay Station



MANNED PAY STATION

- · "All in one" manual pay station system complete with LCD Display and 3 function buttons
- · Incorporated 2D barcode ticket printer and reader
- · Possibility of issuing 2D barcode tickets with standard discounts

ESPAS 30 Manual Pay Station Pos Server



MANNED PAY STATION

- POS station included on customer PC with software licence for Windows7 operating system, peripherals, keypad, 19" screen and 2D barcode scanner
- Dedicated server for data storage with Windows Server 2012 Foundation Edition licence
- · Courtesy display, receipt printer, scanner with serial interface for multiple validation of charges
- Fully configurable control system, automatic count of car spaces, management of subscriptions and occasional user charges on a monthly, daily and hourly basis, system and parking use reports

ACCESSORIES

B EBA TCP/IP Interface card for U-link protocol in TCP-IP network



PERSEO CBE

New control panel for bollards with U-Link connectivity



B-EBA TCP/IP GATEWAY

Interface card for TCP/IP protocol



CLONIX AC 2 AND U-LINK

433Mhz external receiver with 3 outputs: 2 with NO contact and one NO/NC configurable.



B-EBA RS-485 LINK

Connection card for RS-485 protocol



GATE PANEL

Interface system for gate control



ACCESSORIES









NOTES	

Team up with us: be ahead!

Advanced solutions, with unique and exclusive features. But also simple, accessible, and close to people. Next-generation technologies designed to improve the lives of all: installers and those who use them.

This is us today: a company focused on the needs of the present, with an eye to the future. A professional and understanding company, able to take its partners by the arm and, thanks to a full access specialist approach, make them proceed at that dynamic pace allowing them to always be in the forefront. A company where the technical component is supported by the power of passion, and where engineering expertise is completed by the brilliance of lively inventiveness. Because we like to listen to you, understand you, address your needs and offer new opportunities; always giving you the best, with increasingly sophisticated tools designed to enhance performance. A fast and smart technology, always accelerating: to advance the pace of innovation and, together with you, always be a step ahead.



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Bft Spa

Via Lago di Vico, 44 - 36015 Schio (VI) ITALY T. +39 0445 696511 - F. +39 0445 69 65 22 - info@bft.it

