



2026
PRODUCT CATALOG

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SLIDING GATE OPERATORS

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DZ CUBE

SLIDING GATE OPERATORS



The DZ CUBE operator features the most modern technology and design available on the market today. It also includes several features that make installation easier and faster. DZ CUBE is the best option for automating residential gates and gates in small condominiums. Step into this new world of technology.

JETFLEX
TECHNOLOGY

JETFLEX *TA*
TECHNOLOGY

LEGERO

MONO

1000

4,5 s	Z18
5,5 s	Z14
4,5 s	Z12*
45/H	
1:30	

600

3,5 s	Z18
4,0 s	Z14
35/H	
1:23	

1000

4,5 s	Z18
5,5 s	Z14
45/H	
1:23	

600

6,5 s	Z18
8,5 s	Z14
40/H	
1:30	

550

10,5 s	Z18
13,5 s	Z14
35/H	
1:23	

800

10,5 s	Z18
13,5 s	Z14
40/H	
1:23	

* BACK MOD. 6

DZ RIO

SLIDING GATE OPERATORS



The DZ RIO is the entry point into PPA quality. Designed especially for homes, this sliding gate operator offers the perfect balance between affordability and durability. With practical installation, it is the ideal choice for low-traffic gates, ensuring safety and comfort for your family's daily life without weighing on the budget.

JETFLEX
TECHNOLOGY

LEGERO

1000

3,5 s Z18
4,0 s Z14
3,5 s Z12*
45/H
1:23

*BACK MOD. 6

800

3,5 s Z18
4,0 s Z14
35/H
1:23

500

3,5 s Z18
4,0 s Z14
25/H
1:23

650

6,5 s Z18
8,5 s Z14
40/H
1:30

450

6,5 s Z18
8,5 s Z14
30/H
1:30

SP

MONO

600

6,5 s Z18
8,5 s Z14
40/H
1:30

700

10,5 s Z18
13,5 s Z14
30/H
1:23

500

10,5 s Z18
13,5 s Z14
20/H
1:23

400

6,5 s Z18
8,5 s Z14
30/H
1:30

DZ STARK

SLIDING GATE OPERATORS



The DZ STARK combines agility, safety and comfort. Designed especially for homes, this sliding gate operator offers a combination of mechanical strength and cutting-edge technology. With practical installation, it is the ideal choice for low-traffic gates, ensuring safety and comfort for your everyday life.

JETFLEX
TECHNOLOGY

LEGERO

500

4,0 s Z18
5,5 s Z14
20/H
1:30

650

4,0 s Z18
5,5 s Z14
25/H
1:30

800

4,0 s Z18
5,5 s Z14
35/H
1:30

400

8,5 s Z14
15/H
1:30

400

6,5 s Z18
8,5 s Z14
20/H
1:30

600

6,5 s Z18
8,5 s Z14
30/H
1:30

SP

MONO

300

6,5 s Z18
8,5 s Z14
20/H
1:30

400

6,5 s Z18
8,5 s Z14
30/H
1:30

400

10,5 s Z18
13,5 s Z14
15/H
1:23

600

10,5 s Z18
13,5 s Z14
20/H
1:23

700

10,5 s Z18
13,5 s Z14
35/H
1:23

DZ STARK HOME

SLIDING GATE OPERATORS



The DZ STARK HOME line brings more comfort, practicality and safety to residential access. Suited to sliding gates, it combines functional design, mechanical strength and an aluminum gearmotor, ensuring reliable performance in daily use. Available in Mono, Legero and JetFlex technologies, it delivers excellent value for money, with versatile installation and solutions designed to make everyday life easier, with PPA quality.

JETFLEX
TECHNOLOGY

450

5,5 s Z14

20/H

1:30

LEGERO

350

8,5 s Z18

15/H

1:23

MONO

400

13,5 s Z14

15/H

1:23



Operator with a polymer base and an aluminum "housing" compatible with the height of all residential machines already installed.

DZ HUB

SLIDING GATE OPERATORS



DZ HUB brings together technology, connectivity and practicality for residential and commercial access control. Designed to intelligently integrate automation and security, it offers reliable performance, versatile installation and features that make day-to-day access management easier. With PPA quality, this line is the ideal solution for projects that demand efficiency, innovation and centralized control.

JETFLEX
TECHNOLOGY

LEGERO

350

4,0 s Z14

20/H
1:23

550

4,0 s Z14

25/H
1:23

350

8,5 s Z14

15/H
1:30

500

6,5 s Z18
8,5 s Z14

20/H
1:30

SP

MONO

600

6,5 s Z18
8,5 s Z14

40/H
1:30

300

13,5 s Z14

15/H
1:23

450

10,5 s Z18
13,5 s Z14

20/H
1:23

DZ HUB R

SLIDING GATE OPERATORS



The DZ HUB R was designed to deliver performance, resistance and practicality when driving residential and commercial sliding gates. With advanced technology and a robust structure, it ensures safe, efficient and reliable operation in daily use. With PPA quality, it is the ideal solution for projects that demand power, durability and high performance.

JETFLEX
TECHNOLOGY

650

	
4,0 s	Z18
5,5 s	Z14
	
25/H	
	
1:30	

JETFLEX 
TECHNOLOGY

600

	
8,5 s	Z18
11,0s	Z14
	
35/H	
	
1:23	

LEGERO 

500

	
6,5 s	Z18
8,5 s	Z14
	
20/H	
	
1:30	

MONG 

600

	
10,5 s	Z18
13,5 s	Z14
	
20/H	
	
1:23	

DZ NEW EURUS STEEL

SLIDING GATE OPERATORS

The DZ NEW EURUS STEEL line delivers high performance, robustness and operational efficiency in sliding gate automation. Powered by an aluminum gearmotor, it provides better heat dissipation, durability and stable operation even under intensive use. Its versatile design simplifies installation and broadens its range of applications, delivering excellent value for money and the reliability that reinforces PPA quality in residential and commercial projects.

JETFLEX **IA**
TECHNOLOGY

600


5,5 s


Z18

Z12*


55/H**


1:30

DZ EURUS

SLIDING GATE OPERATORS



The DZ EURUS line offers high performance, robustness and operational efficiency in sliding gate automation. With an aluminum gearmotor, it ensures greater heat dissipation, durability and stable operation even under intensive routines. Its versatile design makes installation easier and broadens its range of applications, delivering excellent value for money and the reliability that reinforces PPA quality in residential and commercial projects.

JETFLEX
TECHNOLOGY

800

4,5 s Z18
Z12*

45/H
1:30

* RACK MOD. 6

LEGERO

750

6,5 s Z18
Z12*

40/H
1:30

MONO

700

14,0 s Z18
Z12*

45/H
1:30

DZ EURUS IND 1000

SLIDING GATE
OPERATORS



Industrial power with the speed of your business demands. The DZ EURUS IND 1000 combines the strength needed for heavy gates with the speed of the Jetflex line, ensuring safety and efficiency in high-traffic access points. Robust, reliable and designed by PPA to withstand the challenges of intensive use in condominiums and industrial facilities.

JETFLEX
TECHNOLOGY

MONO

800

4,5 s Z18
Z12*

45/H
1:30

700

14,0 s Z18
Z12*

45/H
1:30

* RACK MOD. 6

DZ CONDOMINIUM IND

SLIDING GATE OPERATORS



The DZ CONDOMINIUM IND line was designed for operations that cannot stop. Built for industrial environments, it delivers strength, stability and precision even under severe operating conditions. Its high-performance mechanical assembly ensures fast response, continuous operation and low maintenance needs, resulting in higher productivity and excellent value for money.

JETFLEX
TECHNOLOGY

1000

4,0 s Z17
5,5 s Z12
5,5 s Z18*
80/H
1:40

* RACK MOD. 6

900

4,0 s Z17
5,5 s Z12
60/H
1:40

1400

4,0 s Z17
5,5 s Z12
80/H
1:40

1500

4,0 s Z17
5,5 s Z12
100/H
1:40

DZ BRUTALLE

SLIDING GATE OPERATORS



The DZ BRUTALLE line was born to challenge limits. Designed for demanding applications, it delivers high power, precise response and structural strength, even under intensive operating cycles. Its robust design ensures mechanical stability, high performance and continuous reliability, reducing downtime and extending the system's service life. It is the right choice for projects that require maximum performance.

JETFLEX
TECHNOLOGY

JETFLEX^{IA}
TECHNOLOGY

2000

5,0 s Z17
7,0 s Z12
100/H
1:50

3000

5,0 s Z17*
7,0 s Z12*
150/H
1:50

* Engrenagem em Aço

2000

4,0 s Z18
5,5 s Z14
100/H
1:50

3000

5,5 s Z17*
7,5 s Z12*
150/H
1:50

* STEEL GEAR

DZ BRUTALLE BATTERY

SLIDING GATE OPERATORS



The evolution of strength and intelligence is now combined in a single operator! The DZ BRUTALLE JETFLEX AI BATTERY brings the power of JetFlex technology — known for its speed and robustness — together with new control and configuration via Artificial Intelligence, which automatically and intelligently adjusts performance according to gate usage.

In addition, the model supports an attachable battery, ensuring operation even in the event of a power outage.

More features:

- Works on 127V and 220V;
- Supports gates of 1500 kg (Z17) and 2000 kg (Z12);
- Motor with cooling fan;
- Steel housing with electrostatic paint finish;
- Aluminum gear;
- Gearmotor with grease nipple;
- External lever release for the operator;
- External access to PROG;
- External 20A outlet on the operator housing;
- Support for battery and UPS (nobreak) coupling.

DZ NEW EURUS BATTERY

AUTOMATIZADORES PARA PORTÕES DESLIZANTES

The DZ NEW EURUS BATTERY combines performance and intelligence for sliding gate automation. With JetFlex AI technology and a built-in UPS (nobreak), it keeps working even during a power outage, offering autonomy of up to 40 cycles with 5 Ah batteries or 80 cycles with 7 Ah batteries, ensuring more safety and reliability in daily use.

Product highlights:

- Up to 60 cycles per hour;
- Built-in UPS (nobreak) with slots for 2 x 12V batteries (5 Ah or 7 Ah);
- Autonomy of up to 40 cycles (5 Ah) or 80 cycles (7 Ah);
- Quick access to programming via the front cover;
- Built-in courtesy light for added convenience and safety.



DZ PORTALE

SLIDING GATE OPERATORS



The DZ PORTALE line was created to enhance every entrance with efficiency and elegance. Its design combines smart engineering, precise movement and a reliable structure, ensuring smooth, consistent operation day after day. With solutions that make installation easier and expand the range of applications, it delivers safe performance, durability and excellent value for money.

JETFLEX
TECHNOLOGY

JETFLEX **IA**
TECHNOLOGY

MONO

500

5,5 s Z18
5,0 s Z16
20/H
1:23

700

4,5 s Z18
5,0 s Z16
35/H
1:23

900

4,5 s Z18
5,0 s Z16
45/H
1:23

800

5,5 s Z18
6,0 s Z16
45/H
1:30

400

17,5 s Z14
15,0 s Z16
15/H
1:30

DZ VANTAGGIO

SLIDING GATE OPERATORS



The DZ VANTAGGIO line translates PPA's engineering excellence into a solution that combines high performance, precision and superior finish. Designed for projects that demand more than automation, it delivers fluid movement, consistent response and long-lasting reliability, even in frequent use.

Its concept unites technology, durability and application intelligence, ensuring high perceived value, commercial versatility and an access experience worthy of distinguished projects.

LEGGERO

MONO

400

7,5 s Z17

30/H
1:30

400

8,5 s Z17

40/H
1:30

400

12,5 s Z18

13,5 s Z16
20/H
1:23

400

12,5 s Z18

13,5 s Z16
30/H
1:23

700

12,5 s Z18

16,0 s Z16
40/H
1:23

700

12,5 s Z18

17,0 s Z16
40/H
1:30

DZ VANTAGGIO IND

SLIDING GATE OPERATORS



The DZ VANTAGGIO IND was developed for industrial applications that demand maximum robustness, power and continuous performance. With a reinforced structure and high operating capacity, it offers precise, safe and reliable movement even under intensive use cycles.

Designed for high-demand applications, it combines durability, technology and efficiency to guarantee high performance in large industrial and commercial environments.

JETFLEX
TECHNOLOGY

— MONO —

2000

20,0 s | Z20

50/H
1:40

1500

5,0 s | Z17

70/H
1:40

1500

5,0 s | Z17*

70/H
1:40

DZ FUSO

SPINDLE-DRIVE
SLIDING GATE OPERATORS



The DF spindle-drive sliding gate operator was designed to offer strength, efficiency and practicality when driving residential and commercial gates. Available in JetFlex and SP technologies, the equipment serves gates from 300 to 600 kg, depending on the model, ensuring reliable performance and smooth day-to-day operation.

With hybrid or analog limit-switch options, the operator provides greater precision in controlling gate opening and closing. Its robust structure and practical installation make it the ideal solution for those seeking safety, durability and excellent performance.

JETFLEX
TECHNOLOGY

600

6,5 s | 50/H

2,5 à 4,5 m

5/8"p.60

2:30

300

25,0 s | 20/H

2,5 à 4,5 m

1/2"p.62

1:18

SP

350

26,0 s | 30/H

2,5 à 4,5 m

5/8"p.60

1:18

600

21,5 s | 50/H

2,5 à 4,5 m

5/8"p.60

2:30



OVERHEAD
OPERATORS

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BV LEVANTE

UP AND-OVER GATE OPERATORS



The BV LEVANTE line raises the standard for up-and-over gate automation with controlled force, precision and high mechanical efficiency. Designed for demanding use, it offers fast opening, stability and reliable performance. With smart design and great value for money, it is the ideal choice for those seeking power, durability and PPA engineering.

JETFLEX
TECHNOLOGY

JETFLEX 
TECHNOLOGY

LEGERO 

MONO 

350

 3,5 s  40/H

 1,4 à 2,5 m

 1/2"p.62

 1:18

350

 3,5 s  40/H

 1,4 à 2,5 m

 1/2"p.62

 1:18

300

 8,0 s  30/H

 1,4 à 2,5 m

 1/2"p.62

 1:30

300

 16,5 s  30/H

 1,4 à 2,5 m

 1/2"p.62

 1:26

SP 

250

 10,0 s  30/H

 1,4 à 2,5 m

 1/2"p.62

 1:18

150

 10,0 s  20/H

 1,4 à 1,5 m

 1/2"p.62

 1:18

BV POTENZA

UP-AND-OVER GATE OPERATORS

The BV POTENZA line offers superior force with precise automation control. Ideal for intensive use, it ensures powerful startup, stability and reliable performance. With fast response, high durability and excellent return on investment, it is the right choice for those seeking power and reliability.



JETFLEX
TECHNOLOGY

400

3,5 s | 60/H



1,4 à 3 m



5/8"p.60



1:18

LEGERO

350

8,5 s | 50/H



1,4 à 3 m



5/8"p.60



1:18

MONO

350

17,0 s | 50/H



1,4 à 3 m



5/8"p.60



1:26

SR

300

10,5 s | 50/H



1,4 à 3 m



5/8"p.60



1:18

24V

400

3,4 s | 60/H



1,4 à 3 m



5/8"p.60



1:18

BV PENTA

UP-AND-OVER GATE OPERATORS



The BV PENTA line combines balanced power, precision and reliability in up-and-over gate automation. It offers firm movement, efficient response and stable performance. With simple installation and excellent commercial performance, it is the ideal choice for those seeking efficiency, durability and PPA quality.

JETFLEX
TECHNOLOGY

450

3,5 s | 60/H



1,4 à 4 m



5/8" p.60



2:30

LEGERO

400

8,5 s | 70/H



1,4 à 4 m



5/8" p.60



1:30

MONO

400

17,0 s | 70/H



1,4 à 4 m



5/8" p.60



1:26

JETFLEX
TECHNOLOGY

450

4,0 s | 110/H



1,4 à 4 m



5/8" p.60



2:30

SR

350

9,5 s | 70/H



1,4 à 4 m



5/8" p.60



2:30

BV CONDOMINIUM

UP-AND-OVER GATE OPERATORS

The BV CONDOMINIUM line was developed for high traffic and intensive use, offering controlled force, stability and continuous operation. It ensures efficient response, reliable movement and long durability, reducing maintenance needs. Focused on performance and return on investment, it is ideal for projects that demand safety, smoothness and robustness, with PPA quality.



JETFLEX
TECHNOLOGY

500

3,5 s | 120/H



1,5 à 4 m



5/8" p.60



2:30

500

3,5 s | 150/H*



1,5 à 4 m



5/8" p.60



2:30

* Central Triflex IND

JETFLEX24V

500

4,0 s | 150/H



1,5 à 4 m



5/8" p.60



2:30

JETFLEX1A
TECHNOLOGY

500

4,0 s | 150/H



1,5 à 4 m



5/8" p.60



2:30

Bv TORSION

UP-AND-OVER GATE OPERATORS



The BV TORSION line delivers smart power and precise control for up-and-over gate automation. Its torsion-application system optimizes mechanical effort, ensuring balanced movement, stable operation and greater structural efficiency. Designed for applications that demand continuous performance and reliability.

MONO

400

12,0 s | 60/H

1:800

LEGERO

400

6,0 s | 60/H

1:800

JETFLEX TECHNOLOGY

450

4,0 s | 7/H

1:800

Levante AXIS

UP-AND-OVER GATE OPERATORS

The Levante Axis operator was designed for those seeking an efficient, reliable solution with excellent value for money for up-and-over gates. With fast, practical installation, it reduces assembly time and makes the installer's job easier, delivering more agility from the very first use.

Its performance ensures opening and closing in as little as 2 seconds, providing more comfort, safety and convenience in daily life. It also features a digital limit switch, offering greater precision in gate operation.

Designed for residential use, the Levante Axis combines technology and simplicity in a modern piece of equipment, ideal for those who want to automate their gate without sacrificing affordability.

AXIS

MONO

300

8,0 s

30/H

1:475

JETFLIX
TECHNOLOGY

350

2,0 s

40/H

1:475



Bv PORTALE

CHAIN-DRIVE OPERATORS FOR UP-AND-OVER GATES



A linha BV PORTALE eleva o padrão da automação de portões basculantes com movimento preciso, operação silenciosa e estabilidade contínua. Seu projeto reduz esforços, aumenta a vida útil e garante desempenho consistente. Com instalação otimizada, oferece eficiência, confiabilidade e mais competitividade frente às soluções convencionais.

— MONO —

400	400	350	350
 10,0 s	 16,0 s	 10,0 s	 10,0 s
 60/H	 60/H	 50/H	 50/H
 1,35 à 6 m	 1,35 à 6 m	 1,35 à 6 m	 1,35 à 6 m
 ISO 410 (1/2" x 1/8")	 ISO 410 (1/2" x 1/8")	 ISO 410 (1/2" x 1/8")	 ISO 410 (1/2" x 1/8")
 1:30	 1:36*	 Z11	 Z8

*Coroa sem alma metálica

*Coroa sem alma metálica

JETFLEX^{IA}
TECHNOLOGY

JETFLEX^{IA}
TECHNOLOGY

500	450	400
 4,0 s	 3,0 s	 3,0 s
 60/H	 60/H	 50/H
 1,35 à 6 m	 1,35 à 6 m	 1,35 à 6 m
 ISO 410 (1/2" x 1/8")	 ISO 410 (1/2" x 1/8")	 ISO 410 (1/2" x 1/8")
 1:30	 Z11	 Z11

Bv VANTAGGIO

CHAIN-DRIVE OPERATORS FOR UP-AND-OVER GATES

The BV VANTAGGIO line was developed for projects that demand more performance, precision and added value. It offers controlled movement, efficient response and stable operation, even in frequent use. With refined engineering and optimized installation, it extends the system's durability and positions the project above traditional alternatives.



— MONO —

400

12,0 s | 40/H



1,35 à 6 m



ISO 410
(1/2" x 1/8")

1:23 | Z11

400

18,0 s | 40/H



1,35 à 6 m



ISO 410
(1/2" x 1/8")

1:36* | Z11

300

12,0 s | 30/H



1,35 à 6 m



ISO 410
(1/2" x 1/8")

1:23 | Z11

300

18,0 s | 30/H



1,35 à 6 m



ISO 410
(1/2" x 1/8")

1:36* | Z11

*Coroa sem alma metálica

BV VANTAGGIO IND

CHAIN-DRIVE OPERATORS FOR INDUSTRIAL GATES



The BV VANTAGGIO IND operator provides better cooling and continuous performance, even under more intensive use. The aluminum pulleys offer greater strength and lightness, while the design — with easy access to the control panel and simplified installation — makes the installer's job much faster and more practical. It is the ideal solution for those seeking technology, robustness and efficiency in a single operator.

JETFLEX
TECHNOLOGY

1200



3,5 s



60/H



1,35 à 6 m



ASA 40
(1/2" x 5,16")



1:40



Z16

BH

HORIZONTAL UP-AND-OVER
GATE OPERATORS

The BH line delivers robustness, efficiency and reliability. Its technical design was developed to ensure stable movement, precise response and continuous operation in the daily use of up-and-over gates. With practical installation, a resistant structure and excellent operating performance, the BH broadens the possibilities for application and offers commercial competitiveness with PPA's recognized quality.

MONO

350


6,5 s


40/H


1,4 à 2 m


5/8"p.60


1:31

BH POWER BOLT

AUTOMATIZADORES PARA PORTÕES
BASCULANTES HORIZONTAIS

The BH POWER BOLT line was developed to automate up-and-over gates with more force, stability and mechanical control. Its Power Bolt system ensures precise movement and less wear, increasing service life. Ideal for demanding applications, it offers a reinforced structure, optimized installation and excellent competitiveness, with PPA reliability and quality.

LEGERO

400

19,5 s | 50/H



2,95 à 3,5 m



1/2" p.62



1:30

300

19,5 s | 20/H



2,95 à 3,5 m



1/2" p.62



1:30

JETFLEX TECHNOLOGY

450

9,0 s | 40/H



2,95 à 3,5 m



1/2" p.62



1:18

350

9,0 s | 20/H



2,95 à 3,5 m



1/2" p.62



1:18

BH URUS

HORIZONTAL UP-AND-OVER GATE OPERATORS

The BH URUS was developed to automate up-and-over gates that demand robustness, force and stability. Its reinforced design ensures precise movement, consistent response and efficient control, even in demanding applications. Focused on durability and continuous operation, it combines practical installation with excellent value for money, offering superior performance and a long service life.



MONO

200

18,5 s

10/H

2,95 à 3,5 m

ISO 410
(1/2" x 1/8")

1:28

Z11

LEGERO

200

9,5 s

10/H

2,95 à 3,5 m

ISO 410
(1/2" x 1/8")

1:28

Z11

JETFLEX
TECHNOLOGY

200

5,5 s

10/H

2,95 à 3,5 m

ISO 410
(1/2" x 1/8")

1:28

Z11

24V

200

10,5 s

15/H*

2,95 à 3,5 m

ISO 410
(1/2" x 1/8")

1:28

Z11

*INTENSE Cycle

BH POWER CHAIN

HORIZONTAL UP-AND-OVER
GATE OPERATORS



The BV POWER CHAIN line was designed for applications that demand high force transmission with maximum reliability in up-and-over gate automation.

Its reinforced chain system ensures continuous traction, uniform movement and high wear resistance, even under frequent operating cycles. With a robust mechanical architecture and solutions that make installation and maintenance easier, it offers superior performance and technical efficiency.

MONO

300

20,0 s

20/H

2,95 à 3,5 m

ISO 410
(1/2" x 1/8")

1:30

Z11

LEGERO

300

10,0 s

20/H

2,95 à 3,5 m

ISO 410
(1/2" x 1/8")

1:30

Z11

JETFLEX
TECHNOLOGY

350

6,0 s

20/H

2,95 à 3,5 m

ISO 410
(1/2" x 1/8")

1:30

Z11

BH WALL

HORIZONTAL UP-AND-OVER
GATE OPERATORS

The BH WALL line was developed to automate up-and-over gates with a balance of force, stability and efficiency. It ensures safe operation, precise movement and uniform performance, even in repetitive cycles. With simplified installation and low maintenance needs, it offers reliability and durability for residential and multi-unit projects, with PPA quality.



MONO

100



20,0 s



20/H



ISO 410
(1/2" x 1/8")



1:30



Z11

LEGERO

100



10,0 s



20/H



ISO 410
(1/2" x 1/8")



1:30



Z11

JETFLX
TECHNOLOGY

150



6,0 s



20/H



ISO 410
(1/2" x 1/8")



1:30



Z11



SWING GATE
OPERATORS

ppa.com.br

Pivo HOME

SWING GATE OPERATORS



MONO

100



Standard

11,0 s | 20/H



1/2" p.30



1:30

100



Super

18,0 s | 20/H



1/2" p.30



1:30

125



Standard

11,0 s | 20/H



1/2" p.30



1:30

125



Super

18,0 s | 20/H



1/2" p.30



1:30

SILVER COLOR



JETFLEX
TECHNOLOGY

150



Standard

3,5 s | 30/H



1/2" p.30



1:30

150



Super

5,5 s | 30/H



1/2" p.30



1:30

175



Standard

3,5 s | 40/H



1/2" p.30



1:30

175



Super

3,5 s | 40/H



1/2" p.30



1:30

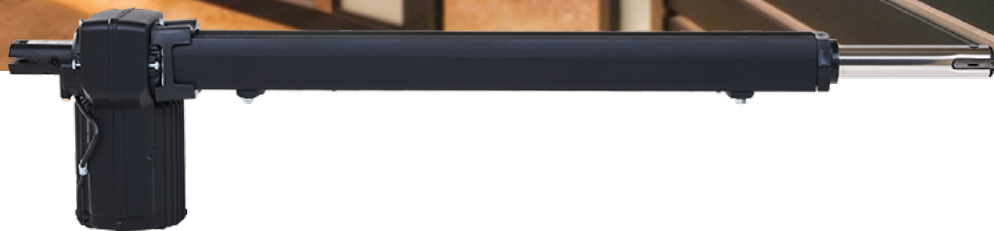
BLACK COLOR



The PIVO HOME is the perfect choice for those who won't compromise on style and security. Designed specifically for residential swing gates, this operator offers smooth, precise movement, preserving your gate's service life. With an aluminum body and rugged design, it ensures firm closing and the peace of mind your home needs, whether for single- or double-leaf models.

Pivo PREDIAL

SWING GATE OPERATORS



The PIVO PREDIAL line was developed for swing gates in shared/multi-unit use, where constant operation demands robustness, control and reliability. Its system provides balanced movement, precise actuation and stable operation even under intensive routines. With engineering designed for durability and safety, it reinforces the PPA standard in solutions built for shared environments.

MONO

200



Standard



10,5 s



50/H



1:30



5/8" p.36

200



Super



20,5 s



50/H



1:30



5/8" p.36

JETFLEX TECHNOLOGY

250



Standard



3,5 s



60/H



1:30



5/8" p.36

250



Super



6,5 s



60/H



1:30



5/8" p.36

Pivo CONDOMINIUM

SWING GATE OPERATORS



MONO

300



Standard

10,5 s | 60/H



5/8" p.36



1:30

300



Super

20,5 s | 60/H



5/8" p.36



1:30

300



Mega

28 s | 60/H



5/8" p.36



1:30

The PIVO CONDOMINIUM line was developed to automate swing gates for shared/collective use with high performance, robustness and reliability. Available in Mega,

Super and Standard versions, it brings together MONO and JetFlex technologies, providing precise actuation, agile opening and continuous operation, even in high-frequency applications. Its engineering was designed to offer maximum durability, safety and efficiency, meeting the demands of condominiums, businesses and other high-traffic environments.

JETFLEX TECHNOLOGY

350



Standard

3,5 s | 80/H



5,8" p.36



1:30

350



Super

6,5 s | 80/H



5,8" p.36



1:30

350



Mega

8,5 s | 80/H



5,8" p.36



1:30

Pivo HARD WORKING

SWING GATE OPERATORS



The PIVO HARD WORKING was developed to automate swing gates subjected to intensive operation, where robustness, performance and reliability are essential. Equipped exclusively with JetFlex technology, it provides fast actuation, precise movement and continuous operation, maintaining high efficiency even in high-frequency applications. Its reinforced engineering ensures durability, stability and safety, making it the ideal solution for environments that demand maximum performance.

JETFLEX
TECHNOLOGY

380



Standard



3,5 s



100/H



1:30



5/8" p.36

380



Super



6,5 s



100/H



1:30



5/8" p.36

380



Mega



8,5 s



100/H



1:30



5/8" p.36

Pivo SK PREDIAL

SWING-GATE OPERATORS



The PIVO SK PREDIAL line was developed for environments that demand precise movement, structural strength and a constant operating pace. Suited to swing gates in shared/collective use, it delivers well-distributed force, reliable opening control and safe operation over time. It favors efficient installation and extends the system's service life, offering high technical performance for building projects.

— MONO —

— JETFLEX —
TECHNOLOGY

200



Standard

16,0 s | 20/H



5/8" p.20



1:31

200



Super

21,5 s | 20/H



5/8" p.20



1:31

250



Standard

5,0 s | 30/H



5/8" p.20



1:31

250



Super

6,5 s | 30/H



5/8" p.20



1:31

Pivo SK

SWING GATE OPERATORS



The PIVO SK line was developed to automate swing gates with firm movement, precise control and high mechanical efficiency. Its system ensures efficient actuation, stable synchronization and excellent performance even in frequent applications. With a technical design that makes installation easier and extends the assembly's durability, the PIVO SK delivers operational safety and versatility of use, adding real value to projects.

— MONO —

— JETFLEX —
TECHNOLOGY

125



Standard

10,5 s | 20/H



1/2" p.30



1:31

175



Super

14,5 s | 20/H



1/2" p.30



1:31

175



Standard

3,5 s | 30/H



1/2" p.30



1:31

175



Super

4,5 s | 30/H



1/2" p.30



1:31



SILVER COLOR



BLACK COLOR

Pivo SK

CONDOMINIUM

SWING GATE OPERATORS



The PIVO SK CONDOMINIUM line was developed for collective applications that demand strength, stability and continuous operation. Suited to frequently used swing gates, it provides efficient movement, precise opening and safe day-to-day operation.

Its design combines robustness, reliability and installation practicality, ensuring greater durability and excellent performance in condominium environments and building projects.

MONO

250



Super



21,5 s



40/H



1:31



5/8" p.20

250



Mega



32,0 s



40/H



1:31



5/8" p.20

JETFLEX TECHNOLOGY

300



Super



6,5 s



50/H



1:31



5/8" p.20

300



Mega



10,0 s



50/H



1:31



5/8" p.20

Pivo LIGER

SWING GATE OPERATORS



PIVO LIGER combines light construction and precise movement for swing gate automation.

Its design favors smooth actuation, stable control and silent operation, even with frequent use. With mechanical balance and reliability, it is an efficient, safe and harmonious solution for different applications.

MONO

2000

 5,0 s

 60/H

 1:40

 200 mm

1000

 8,0 s

 30/H

 1:31

 300 mm

Suited to swing gates, and can be installed on uneven or irregular ground.



AUTOMATICS **BARRIERS**

ppa.com.br

Barrier Gate KD2

PPA's KD2 automatic barrier gate line was developed to provide fast, safe and reliable access control in environments with moderate to heavy vehicle traffic. With a robust structure, a high-performance motor and smart electronics, it offers fast movement, stable operation and high durability. Easy installation, easy maintenance and excellent value for money, with PPA's recognized quality and support.

LEGERO



4 s



4 s



1,0 a 3,0 m



120/H



Direct Drive

JETFLEX^{IA}



4 s



4 s



1,0 a 3,0 m



200/H



Direct Drive

24V



4 s



4 s



1,0 a 3,0 m



200/H



Direct Drive



WHITE
PAINT



SILVER
PAINT



BLACK
PAINT



ORANGE
PAINT

Barrier Gate KD2-W

The KD2-W barrier gate was designed for fast, safe and connected access control. Suited to locations with moderate to heavy traffic, it features a robust structure, a powerful motor and built-in Wi-Fi for remote configuration and management. It offers agile opening, stable operation and high durability.



LEGERO



4 s



4 s



1,0 a 3,0 m



120/H



Direct Drive

JETFLEX^{IA}



4 s



4 s



1,0 a 3,0 m



200/H



Direct Drive

24V



4 s



4 s



1,0 a 3,0 m



200/H



Direct Drive

Barrier KD2-GATE

Designed for high-demand scenarios, PPA's KD-2 GATE delivers maximum access control efficiency with robustness and cutting-edge technology.

Its reinforced construction, combined with a high-performance motor and advanced electronics, ensures agile movement, continuous operation and a long service life. Integration with access control systems is practical and efficient, raising the level of performance and reliability of the application.

LEGERO



JETFLEX^{IA}
TECHNOLOGY



24 V



WHITE
PAINT



SILVER
PAINT



BLACK
PAINT



ORANGE
PAINT



BARRIER 200

Robust and efficient, PPA's BARRIER 200 automatic barrier gate line was developed to ensure safe, reliable vehicle control in environments that require constant performance. With a reinforced structure, precise actuation and smart electronics, it offers stable movement, continuous operation and high durability.

JETFLEX
TECHNOLOGY

 1,5 s	 2 s	 2,5 a 3,0 m	 120/H	 Belt Drive
 2 s	 3 s	 3,5 a 4,0 m	 80/H	 Belt Drive

○ WHITE
PAINT

● SILVER
PAINT

● BLACK
PAINT

● ORANGE
PAINT



BARRIER 600

Designed for high-traffic applications, the BARRIER 600 represents an evolution in robustness, technology and performance for access control systems. Equipped with brushless technology, it provides greater efficiency, less component wear and higher durability, ensuring continuous, reliable operation. Its reinforced construction meets the demands of condominiums, parking lots, shopping centers and industrial environments, where safety and performance are essential factors.



1,5 s



2 s



2,5 a 3,0 m



600/H



Belt Drive



2,5 s



3 s



3,5 a 4,5 m



300/H



Belt Drive



6 s



8 s



5 a 6 m



100/H



Belt Drive



1,5 s



2 s



2,5 a 3,0 m



600/H



Belt Drive



3 s



4 s



3,5 a 4,5 m



300/H



Belt Drive



6 s



8 s



5 a 6 m



100/H



Belt Drive



WHITE
PAINT



SILVER
PAINT



BLACK
PAINT



ORANGE
PAINT

Barrier Gate K10

Robust and efficient, PPA's K10 automatic barrier gate line was developed to ensure safe, reliable vehicle control in environments that require constant performance. With a reinforced structure, precise actuation and smart electronics, it offers stable movement, continuous operation and high durability.

JETFLEX by PPA

24V

↑↓
2 a 4 s

↑↓
2 s

—
2,5 a 4,5 m

⌚
Continuous

🔗
Rod Drive

↑↓
1,5 a 4 s

↑↓
2 s

—
2,5 a 4,5 m

⌚
Continuous

🔗
Rod Drive

○ WHITE
PAINT

● SILVER
PAINT

● BLACK
PAINT

● ORANGE
PAINT

Barrier Gate KG20



Designed to make both installation and maintenance easier, the KG20 features universal installation, allowing right- or left-hand mounting, stop adjustment via screws, a practical manual release and an easily accessible JetFlex AI control panel. Its cabinet has four mechanical inspection doors, providing access to internal parts from every side and reducing maintenance time. The combination of engineering, technology and practicality makes the KG20 a complete solution for access control in condominiums, businesses, parking lots and industrial environments, delivering high performance even in the most demanding operations.

JETFLEX
TECHNOLOGY

 1,5 s	 2 s	 2,5 a 3,0 m	 120/H	 Belt Drive
 2 s	 3 s	 3,5 a 4,0 m	 80/H	 Belt Drive

○ WHITE
PAINT

● SILVER
PAINT

● BLACK
PAINT

● ORANGE
PAINT

Barrier Gate DUO

The DUO BARRIER GATE was developed to offer maximum access control efficiency, combining technology, robustness and operational intelligence. Equipped with two independently operating Torsion gearmotors, it allows simultaneous management of incoming and outgoing vehicle flows, providing more fluidity, safety and organization at the entrance.

Designed especially for gatehouses and entrances of residential and commercial condominiums, the DUO BARRIER GATE is the ideal solution for applications in tight spaces, delivering high performance without requiring large installation areas.

JETFLEX
TECHNOLOGY

↑ ↓
2 a 4 s

↑ ↓
2 s

—
2,5 a 4,5 m

⌚
Continuous

⚙️
Rod Drive

24 V

↑ ↓
1,5 a 4 s

↑ ↓
2 s

—
2,5 a 4,5 m

⌚
Continuous

⚙️
Rod Drive

○ WHITE
PAINT

● SILVER
PAINT

● BLACK
PAINT

● ORANGE
PAINT

Barrier BC1

Versatile and customizable, PPA's BC1 line was developed for projects that require tailor-made access control, combining technology, performance and visual identity.

With flexible engineering, precise actuation and smart electronics, the BC1 ensures reliable operation, efficient movement and adaptation to the needs of each application, maintaining PPA's standard of quality and innovation.



LEGERO



12m
chain
3mm



0,5 s
(minimum)



40/H



Threaded

BC1-S

JETFLEX
TECHNOLOGY



8m
chain
9mm



0,5 s
(minimum)



40/H



Threaded

BC1-D



16m
chain
5,9mm e 15mm



0,5 s
(minimum)



40/H



Threaded



WHITE
PAINT



SILVER
PAINT



LEAD GRAY
PAINT



BLACK
PAINT



ORANGE
PAINT

**The world's
largest portfolio
of AUTOMATIC
BARRIERS!**



COMFORT WITH SAFETY



The world's fastest gate operators!
The most complete line of barriers and access gates
for low-, medium-, and high-traffic projects.



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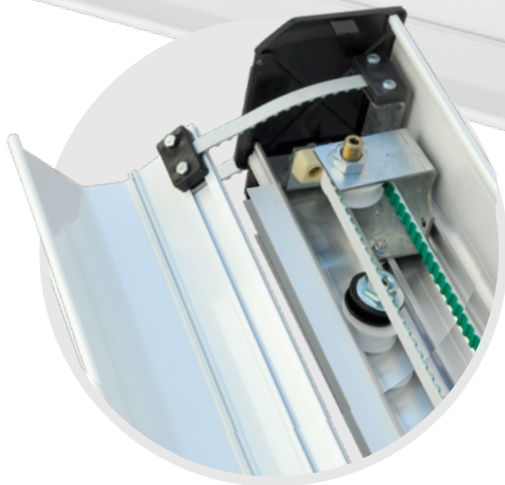
**DOOR AND WINDOW
OPERATORS**

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Social Door TORE

JETFLEX TECHNOLOGY **IA**

Developed for intensive operations, the TORE is the ideal solution for BRT and light-rail (VLT) terminals, ensuring reliable performance in environments with heavy passenger traffic. Equipped with a high-efficiency brushless motor, it prevents overheating, reduces power consumption and ensures greater durability, even under continuous cycles. It features the TRIFLEX BRUSHLESS PS control panel with frequency inverter, providing precise, efficient operation. Programming is simple and intuitive, via a function selector that allows independent adjustment of the interior and exterior radar sensors. Technology, robustness and efficiency combined in a single system.



100



75



NATURAL
ALUMINIUM



WHITE
COLOR



BLACK
COLOR



ALUMINIUM
PAINT

Social Door WIND

24V



The WIND SOCIAL DOOR is a sliding-door operator designed for pedestrian access control in residential and commercial environments such as businesses, malls, shops and offices, combining practicality, safety and comfort.

With 24V technology and the Logic Door control panel, it supports doors up to 300 kg, operates in continuous cycles and ensures smooth starting and stopping, even under heavy use. It features a stainless-steel sliding track, dual-roller carriages and high-durability components, plus easy programming and a status-indicator LED. A 100% domestically made product, available in white, black and natural aluminum.

100



50 cm/s
(double lead)



Intense



Leaf



For
glass or
framed



wall or
slab
mount-



2,0 a 6,0 m

200



50 cm/s
(double lead)



Intense



double
leaf



For
glass or
framed



wall or
slab
mount-



2,0 a 6,0 m

300



50 cm/s
(double lead)



Intense



Leaf



For
glass or
framed



wall or
slab
mount-



2,0 a 6,0 m

150



50 cm/s
(double lead)



Intense



double
leaf



For
glass or
framed



wall or
slab
mount-



2,0 a 6,0 m



NATURAL
ALUMINIUM



WHITE
COLOR



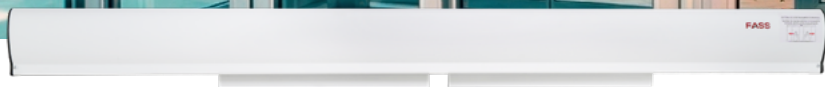
BLACK
COLOR



ALUMINIUM
PAINT

Social Door LINEA

DC 24V



Developed for continuous operation and high foot traffic, LÍNEA is a social-door operator that delivers consistent performance and silent operation. Compatible with glass or framed doors, it ensures smooth, precise movement, enhancing comfort in daily use. With installation versatility on walls, beams or slabs, it easily adapts to different architectural projects. Available in natural aluminum, white and black, it combines robustness, durability and contemporary design in a complete solution for demanding environments.

140



250



NATURAL
ALUMINIUM



WHITE
COLOR



BLACK
COLOR



ALUMINIUM
PAINT

Social Door LINEA SLIM

DC 24V

FASS

Designed for high-traffic operations, the LÍNEA SLIM is a social-door operator with 24V DC technology, built for intensive cycles and maximum reliability. Compatible with glass or framed doors, it delivers precise, smooth and silent movement, even in continuous use. With a robust structure and ultra-slim design, the LÍNEA SLIM combines high performance, efficiency and contemporary aesthetics, making it the ideal choice for environments that demand durability and sophistication. Available in natural aluminum, white and black.

90



70 cm/s
(2 folhas)



Intense



Leaf



wall or
slab
mount-



wall or
slab
mount-



2,25 a 6,0 m

140



70 cm/s
(2 folhas)



Intense



Double leaf



wall or
slab
mount-



wall or
slab
mount-



2,25 a 6,0 m



NATURAL
ALUMINIUM



WHITE
COLOR



BLACK
COLOR



ALUMINIUM
PAINT

Social Door AUTOMATIZE FRAME/GLASS

12V

PPA's AUTOMATIZE FRAME (FRAME) is a 12V social-door operator ideal for framed doors up to 70 kg, offering a compact, elegant solution for residential and commercial environments. Designed to ensure smooth, silent movement, the Automatize Caixaílo provides accessibility and comfort in daily use, with adjustable speed and stable performance. Available in natural aluminum, white and black, it easily adapts to different architectural styles, combining safety, functionality and refined design.

The AUTOMATIZE GLASS (GLASS) — a social-door operator with 12V technology — is the ideal solution for glass doors weighing up to 70 kg, combining efficiency, accessibility and comfort. With a compact design and silent operation, it provides smooth opening and closing, ensuring a safe, pleasant experience in daily use. Available in natural aluminum, white and black, it integrates easily into different architectural projects, combining safety, aesthetics and performance in a single product.

150



50 cm/s



20/H



Leaf



For
glass or
framed



2,0 a 2,5 m

NATURAL
ALUMINIUM

WHITE
PAINT

BLACK
PAINT

Porta Social LÍNEA DUO

DC 24V



The LÍNEA DUO is a social-door operator with 24V DC technology, developed for intensive-cycle applications, ensuring high performance and long durability even under continuous use. Compatible with glass or framed doors, it supports leaves up to 140 kg and provides smooth, precise and silent opening and closing, raising the level of comfort and accessibility. Available in natural aluminum, white and black, it combines safety, efficiency and contemporary design in a complete solution for residential and commercial environments.

140


70 cm/s
(2 folhas)


Intense


double
leaf


For
glass or
framed


wall or
slab
mount-


2,25 a 6,0 m

 NATURAL
ALUMINIUM

 WHITE
PAINT

 BLACK
PAINT

Social Door GIRO



The GIRO social door combines high technology and low power consumption, and is compatible with various access-control and remote-gatehouse systems. Equipped with a 24V DC brushless motor, it ensures greater durability, high performance and energy efficiency. It has internal space for two batteries, allowing up to 200 activation cycles without mains power, with automatic charging by the electronic control panel. It is an economical, versatile solution ideal for accessibility, suited to condominiums, businesses and homes.

JETFLEX
TECHNOLOGY

120



Intenso



single or
double
leaf



For
glass or
framed



Wall



2,25 a 6,0 m

24 V

120



Intenso
200 cycles
without power



single or
double
leaf



For
glass or
framed



Wall



2,25 a 6,0 m



NATURAL
ALUMINIUM



WHITE
COLOR



BLACK
COLOR



ALUMINIUM
PAINT

Social Door GIRO HARD



The GIRO HARD is a pivoting social-door operator with an all-steel structure, ensuring high strength, safety and long durability.

It features a 24V brushless motor, which ensures low power consumption and high performance, plus room for two batteries, allowing up to 200 activation cycles without mains power. Compatible with remote gatehouse systems, various access systems and proximity sensors, it is a robust and efficient solution.

JETFLEX
TECHNOLOGY

120



2 s



Intense



Leaf



For
glass or
framed



Wall



1,2 m (máx.)

24 V

120



2 s



Intenso
200 cycle
without power



Leaf



For
glass or
framed



Wall



1,2 m (máx.)

 NATURAL
ALUMINIUM

 WHITE
PAINT

 BLACK
PAINT

Social Door RAC



The RAC JETFLEX is a rack-and-pinion sliding-door operator, ideal for those seeking practical, economical automation while reusing an existing door. With 24V JETFLEX technology, it offers quick installation, high durability and compatibility with the PPA Function Selector, control accessories and remote gatehouse systems, and is suited to condominiums, businesses and homes.

JETFLEX
TECHNOLOGY

120

 60 cm/s

 50/H

 Leaf

 For glass or framed

 Wall

 1,2 m (máx.)

24 V

80

 50 cm/s

 60/H

 Leaf

 For glass or framed

 Wall

 1,2 m (máx.)



NATURAL
ALUMINIUM



WHITE
COLOR



BLACK
COLOR



ALUMINIUM
PAINT

Social Door SPIN



Compact and affordable, the SPIN JETFLEX is a pivoting social-door operator designed to deliver agility and efficiency in high-traffic environments. With JETFLEX technology, it provides faster opening and stable performance, plus simple, versatile installation. Compatible with aluminum, glass, wood or iron doors, it adapts to different projects and is available in white and black, combining practicality, speed and excellent value for money.

JETFLEX
TECHNOLOGY

120



2 s



Intense



Leaf



For
glass or
framed



Wall



1,2 m (máx.)

● NATURAL
ALUMINIUM

○ WHITE
PAINT

● BLACK
PAINT



ROLLING DOR
OPERATORS

ppa.com.br

BR-300 Operator



The BR-300 is the first domestically manufactured operator for roller shutter doors, designed for doors up to 300 kg, ideal for commercial establishments, garages and industrial facilities.

With simple installation and a robust structure, the equipment features manual chain release, an electromagnetic brake controlled by the control panel, and actuation via push-button or TX ZAP-BR remote control with 4 commands.

Compatible with rolling-code (safe code) controls and made with domestic parts, the BR-300 delivers greater safety, reliability and performance.

MONO

300

5m/min

6/D

1:200

BR-500 Operator



The BR-500 is a domestically manufactured operator for roller shutter doors, designed for doors up to 500 kg, efficiently serving commercial establishments, garages and industrial environments.

With practical installation and robust construction, the equipment features manual chain release, an electromagnetic brake controlled by the control panel, and actuation via push-button or TX ZAP-BR remote control with 4 commands.

Compatible with rolling-code (safe code) controls and made with domestic components, the BR-500 offers superior safety, durability and performance for demanding applications.

MONO

500



ROLLER Operator



The ROLLER is an operator designed for roller shutter doors, offering strength, safety and efficient performance in commercial and industrial applications. Built to withstand frequent use, it ensures stable movement and reliable day-to-day operation.

With a robust structure and practical installation, it features a manual release system, precise actuation and compatibility with rolling-code controls. Made with PPA quality, the ROLLER delivers durability, practicality and high performance for demanding applications.

MONO



16m²



5,3m/min



10/D



1:205

Control BOARD

AGILITY POP BREAK Control Board



- Control panel for single-phase induction motor
- Automatic dual-voltage power supply;
- Analog limit-switch system
- Brake adjustment.

READ MORE



HYBRID AGILITY Control Board



- Control panel for single-phase induction motor;
- Automatic dual-voltage power supply;
- Analog, Hybrid or Digital limit-switch system;
- Quick, practical adjustment via preset jumpers;
- Compatible with PROG, PPA ON and CONNECT-line devices.

READ MORE



Control BOARD

AGILITY EURO Control Board



- Control panel for single-phase induction motor;
- Compatible with Legero technology;
- Automatic dual-voltage power supply;
- Analog (reed), digital (encoder) or hybrid limit-switch system;
- Gate anti-crush system with fast reversal time.

READ MORE



AGILITY EURO PROG Control Board



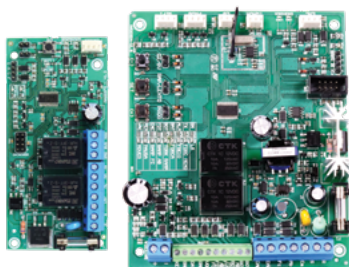
- Control panel for single-phase induction motor;
- Compatible with Legero technology;
- Automatic dual-voltage power supply;
- Analog (reed), digital (encoder) or hybrid limit-switch system;
- Gate anti-crush system with fast reversal time;
- With PPA PROG interface.

READ MORE



Control BOARD

AGILITY TOP GT + SLAVE Control Board



- Control panel for single-phase induction motor;
- Used to drive motors up to 1 HP;
- Connects to the Agility Slave panel for double-swing-gate and interlock applications;
- Automatic dual-voltage power supply;
- Analog, Hybrid or Digital limit-switch system;
- Gate alarm function, 1 limit-switch zone + 8 wireless sensors;
- Battery charger and siren output;
- Individual removal and blocking of transmitters via PROG;
- Dedicated access-control functions, ideal for condominium use;
- Individual open and close command inputs;
Independent opening and closing photocell inputs;
- Compatible with PROG, PPA ON and CONNECT-line devices.

AGILITY TOP
READ MORE



AGILITY SLAVE
READ MORE



Control BOARD



AGILITY TEMPO Control Board

- Control panel for single-phase induction motor;
- Automatic dual-voltage power supply;
- Timed limit-switch system;
- DIP-switch programming;
- Compatible with PROG, PPA ON and CONNECT-line devices.



Control BOARD

AGILITY BR ROLLER SHUTTER Control Board



- For BR-line roller shutter door operators;
- Analog limit-switch system;
- RF radio-frequency receiver;
- Push-button and photocell inputs (self-powered);
- Inputs for CONNECT PPA, PPA ON and Contatto Wi-Fi devices;
- Padlock (lock-out) function via transmitter.

READ MORE



AGILITY SMART ON Control Board



- control panel for single-phase induction motor;
- Built-in Wi-Fi module;
- Automatic dual-voltage power supply;
- Analog, Hybrid or Digital limit-switch system;
- Remote actuation and monitoring via the PPA ON app;
- Available in the Contatto Pro version.

READ MORE



Control BOARD

AGILITY DUPLA GT SMART ON Control Board



- Dual control panel for single-phase induction motor;
- Used in double-swing-gate operators and sluice/airlock gates with interlock systems;
- Automatic dual-voltage power supply;
- Analog, Hybrid or Digital limit-switch system; - Individual removal and blocking of transmitters via PROG;
- Dedicated access-control functions, ideal for condominium use;
- Individually programmable delay time;
- Individual open and close command inputs;
- Independent opening and closing photocell inputs;
- Available in the Contatto Pro version.

READ MORE



IA Technology

JETFLEX IA
TECHNOLOGY

Increase efficiency with adaptive torque, speed and ramp control with maximum precision. Includes a Control Management function that manages transmitters individually. More technology and convenience for the installer: technology that reduces installation time and standardizes automation.

TRIFLEX IA Control Board

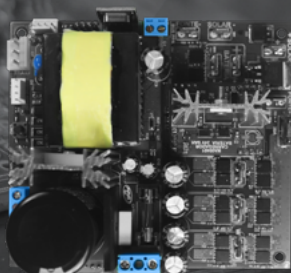


- Frequency inverter for brushless motors;
- AI technology;
- Automatic dual-voltage power supply;
- Graphic display for programming;
- Hybrid or Digital limit-switch system;
- Individual open and close command inputs;
- Independent opening and closing photocell inputs;
- Compatible with PROG, PPA ON and CONNECT-line devices.

READ MORE



TRIFLEX 24V IA Control Board



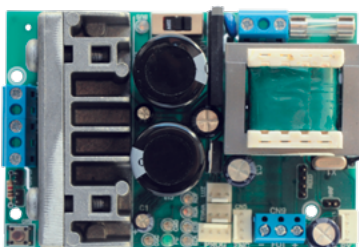
- Frequency inverter for 24V brushless motors;
- AI technology;
- Automatic dual-voltage power supply;
- Hybrid or Digital limit-switch system;
- Compatible with autonomous solar-power operation;
- Compatible with PROG, PPA ON and CONNECT-line devices.

READ MORE



Control BOARD

TRIFLEX FACILITY Control Board

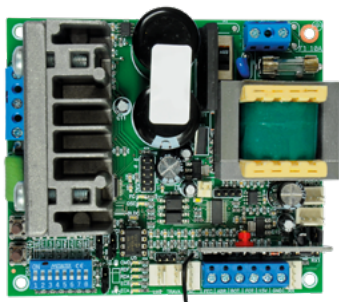


- Frequency inverter for three-phase induction motors;
- Dual-voltage power supply;
- Compatible with PROG;
- Hybrid or Digital limit-switch system.

READ MORE



TRIFLEX CONNECT Control Board



- Frequency inverter for three-phase induction motors;
- 127V/220V dual-voltage power supply;
- Hybrid or Digital limit-switch system;
- Individual open and close command inputs;
- DIP-switch programming;
- Compatible with PROG, PPA ON and CONNECT-line devices.

READ MORE



Control BOARD

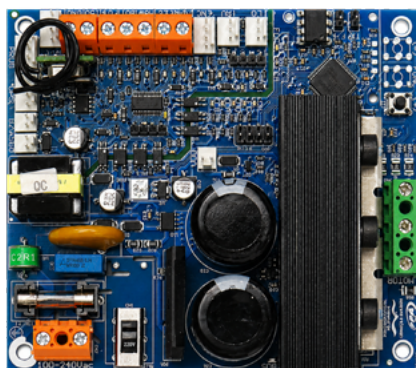


TRIFLEX V2

- Frequency inverter for three-phase induction motors;
- 127V/220V selector switch;
- Hybrid or Digital limit-switch system;
- Individual open and close command inputs;
- Independent opening and closing photocell inputs;
- Compatible with PROG, PPA ON and CONNECT-line devices.

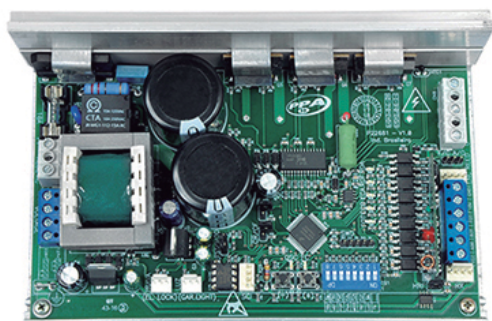
AVAILABLE WITH OR WITHOUT DISPLAY

READ MORE



Control BOARD

TRIFLEX CONNECT IND Control Board



- Frequency inverter for three-phase induction motors;
- Dual-voltage power supply;
- Ideal for high-traffic industrial applications;
- DIP-switch or PROG programming;
- Hybrid or Digital limit-switch system;
- Individual open and close command inputs.

ROAD MORE



Control BOARD

TRIFLEX CONNECT Brushless 24V



- Frequency inverter for 24V DC brushless motors;
- Automatic dual-voltage power supply;
- 24V battery operation;
- Hybrid or Digital limit-switch system;
- Compatible with PROG, PPA ON and CONNECT-line devices.

READ MORE



TRIFLEX 24V Control Board



- 24V Jetflex technology;
- Automatic dual-voltage power supply;
- 24V battery operation;
- Hybrid or Digital limit-switch system;
- Individual open and close command inputs;
- Independent opening and closing photocell inputs;
- Compatible with PROG, PPA ON and CONNECT-line devices.

READ MORE



Control BOARD

TRIFLEX CONNECT Brushless



- Frequency inverter for brushless motors;
- Used in automatic doors;
- Dual-voltage power supply;
- Digital limit-switch system;
- Fast, easy programming via the FUNCTION SELECTOR;
- Output for electromagnetic lock;
- Inputs for interior and exterior sensors;
- Compatible with access-control systems.

READ MORE



Control Board Social Door Brushless 24V **LOGIC DOOR**



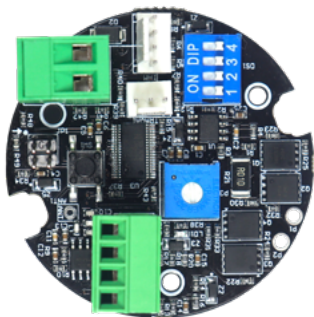
- Frequency inverter for 24V DC brushless motors;
- Used in automatic doors;
- Automatic dual-voltage power supply;
- 24V battery operation;
- Digital limit-switch system;
- Fast, easy programming via the FUNCTION SELECTOR;
- Compatible with PROG, PPA ON and CONNECT-line devices;
- Output for electromagnetic lock;
- Inputs for interior and exterior sensors;
- Compatible with access-control systems;
- Self-learning technology, making installation easier;
- Buzzer for alarm and status signaling.

READ MORE



Control BOARD

Control Board Social Door DC 12V **SMART DRIVE**



- 24V Jetflex technology;
- Automatic dual-voltage power supply;
- 24V battery operation;
- Hybrid or Digital limit-switch system;
- Individual open and close command inputs;
- Independent opening and closing photocell inputs;
- Compatible with PROG, PPA ON and CONNECT-line devices.

ACESSE E SAIBA MAIS:



Control Board Social Door DC 24V **LÍNEA**



- Automatic dual-voltage power supply;
- Fast, easy programming via trim-pots;
- Compatible with the TX Selector;
- Compatible with PROG, PPA ON and CONNECT-line devices;
- Built-in high-resolution encoder;
- Output for electromagnetic lock.

ACESSE E SAIBA MAIS:





CAMERAS AND RECORDERS

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ANALOG SECURITY CAMERAS

CAMERAS SÉRIE 3



Dome 2MP

○ WHITE PAINT ● BLACK PAINT

AHD HD TVI HD CVI ANALOG

- 2 megapixels;
- 1/3" digital sensor;
- 2.8mm or 3.6mm lens;
- IR LED with 20m range;
- Suited to indoor environments;
- Code: GPCA-3022D
 GPCA-3023D
 GPCA-3022DP
 GPCA-3023DP



Dome 2MP METAL

○ WHITE PAINT ● BLACK PAINT

AHD HD TVI HD CVI ANALOG

- 2 megapixels;
- 1/3" digital sensor;
- 2.8mm or 3.6mm lens;
- IR LED with 30m range;
- Suited to indoor and outdoor environments;
- Code: GPCA-3022DM
 GPCA-3023DM

ANALOG SECURITY CAMERAS

CAMERAS SÉRIE 3



PPA's JetColor technology takes monitoring to another level by delivering vivid color night-time images instead of the traditional black and white.

With high-sensitivity sensors and advanced processing, the cameras capture every detail with precision, even in low light. When needed, they use white illumination to ensure true colors throughout the night.

More than just security — JetColor delivers color images 24 hours a day.

Dome **2MP JETCOLOR**

○ WHITE PAINT ● BLACK PAINT

AHD HD TVI HD CVI ANALOG

- 2 megapixels;
- 1/2.8" digital sensor;
- Color images 24 hours a day;
- 2.8mm fixed lens;
- White LED up to 20 meters;
- Suited to indoor and outdoor environments;
- Code:
GPCA-3122DM / GPCA-3122DMP



CONVENTIONAL
CAMERAS



JETCOLOR
CAMERAS



ANALOG SECURITY CAMERAS

CAMERAS SÉRIE 3

Dome 5MP JETCOLOR

- 5 megapixels;
- 1/3" digital sensor;
- Jetcolor Duo technology activated by person detection;
- 2.8mm fixed lens;
- IR LED and white LED, each up to 15 meters;
- Built-in microphone;
- Suited to indoor and outdoor environments;
- Code: GPCI-3152DMS



CONVENTIONAL
CAMERAS



JETCOLOR
CAMERAS



Dome 5MP JETCOLOR DUO

- 5 megapixels;
- 1/3" digital sensor;
- Color images 24 hours a day;
- 2.8mm fixed lens;
- White LED with 20m range;
- Built-in microphone;
- Suited to outdoor environments;
- Código: GPCI-3152DM



CONVENTIONAL
CAMERAS



JETCOLOR
CAMERAS

Dome 4MP RTMP

- 4 megapixels;
- 1/2.9" digital sensor;
- 2.8mm fixed lens;
- IR LED with 20m range;
- Built-in microphone;
- RTMP protocol for image streaming, compatible with cloud platforms, Facebook, YouTube;
- Suited to indoor and outdoor environments;
- Code: GPCI-3242DM

ANALOG SECURITY CAMERAS

CAMERAS SÉRIE 3

PPA's Series 3 IP dome cameras offer high image quality and versatility for security projects. Suited to indoor and outdoor environments, they ensure efficient monitoring in different conditions. Easy to install, they are ideal for those seeking practicality, performance and reliability in everyday use, whether in homes, businesses or condominiums.



Dome **5MP**

- 5 megapixels;
- 1/3" digital sensor;
- 2.8mm fixed lens;
- IR LED with 20m range;
- Built-in microphone;
- Suited to indoor and outdoor environments;
- Code: GPCI-3052DM

Dome **4MP**

- 4 megapixels;
- 1/3" digital sensor;
- 2.8mm fixed lens;
- IR LED with 20m range;
- Built-in microphone;
- Suited to indoor and outdoor environments;
- Code: GPCI-3042DM

ANALOG SECURITY CAMERAS

CAMERAS SÉRIE 3



Bullet **2MP JETCOLOR**

○ WHITE PAINT ● BLACK PAINT

AHD HD TVI HD CVI ANALOG

- 2 megapixels;
- 1/2.8" digital sensor;
- Color images 24 hours a day;
- 2.8mm fixed lens;
- White LED with 20m range;
- Suited to indoor and outdoor environments;
- Code: GPCA-3122B
 GPCA-3122BP



CONVENTIONAL
CAMERAS



JETCOLOR
CAMERAS

ANALOG SECURITY CAMERAS

CAMERAS SÉRIE 3



Bullet 2MP



WHITE
PAINT



BLACK
PAINT



- 2 megapixels;
- 1/3" digital sensor;
- 2.8mm or 3.6mm lens;
- IR LED with 20m range;
- Suited to indoor and outdoor environments;
- Code: GPCA-3022B
GPCA-3023B
GPCA-3022BP
GPCA-3023BP



Bullet 2MP METAL



WHITE
PAINT



BLACK
PAINT



- 2 megapixels;
- 1/3" digital sensor;
- 2.8mm or 3.6mm lens;
- IR LED with 30m range;
- Suited to indoor and outdoor environments;
- Code: GPCA-3022BM
GPCA-3023BM

IP BULLET SECURITY CAMERAS

CAMERAS SÉRIE 3



Bullet **4MP RMTP**

- 4 megapixels;
- 1/2.9" digital sensor;
- 3.6mm fixed lens;
- IR LED with 30m range;
- RTMP protocol for image streaming, compatible with cloud platforms, Facebook, YouTube;
- Suited to outdoor environments;
- Code: GPCI-3242BM

Bullet **5MP**

- 5 megapixels;
- 1/3" digital sensor;
- 3.6mm fixed lens;
- IR LED with 30m range;
- Suited to indoor and outdoor environments;
- Code: GPCI-3053BM

IP BULLET SECURITY CAMERAS

CAMERAS SÉRIE 3



Bullet **5MP JETCOLOR**

- 5 megapixels;
- 1/3" digital sensor;
- Color images 24 hours a day;
- 2.8mm or 3.6mm lens;
- White LED with 30m range;
- Built-in microphone;
- Suited to outdoor environments;
- Codes: GPCI3152BM
GPCI-3153BM

Bullet **5MP JETCOLOR**

- 5 megapixels;
- 1/3" digital sensor;
- Jetcolor Duo technology activated by person detection;
- 2.8mm fixed lens;
- IR LED and white LED, each up to 15 meters;
- Built-in microphone;
- Suited to indoor and outdoor environments;
- Code: GPCI-3152BMS



CONVENTIONAL
CAMERAS



JETCOLOR
CAMERAS

IP BULLET SECURITY CAMERAS

CAMERAS SÉRIE 3



Bullet **4MP**

- 4 megapixels;
- 1/3" digital sensor;
- 2.8mm or 3.6mm lens;
- IR LED with 20m range;
- Built-in microphone;
- Suited to indoor and outdoor environments;
- Codes: GPCI-3042B
GPCI-3043B



LPR 2MP Camera

LICENSE PLATE RECOGNITION

- 2 megapixels;
- 1/2.8" digital sensor;
- Plate capture at speeds of 0–80 km/h;
- Motorized varifocal lens, 2.8mm–12mm;
- IR LED with range up to 50 meters;
- Integrated with PPA management software;
- Suited to outdoor environments;
- Code: GPCI-302VBM LPR



READ MORE



Wi-fi Cameras SMART ON

SECURITY IN THE PALM OF YOUR HAND



3MP WI-FI SMART ON 360°

Indoor Cam

- 3 megapixels;
- 3.6mm fixed lens;
- Motion-detection alert and recording;
- Horizontal and vertical pan up to 360°;
- Built-in microphone and speaker for two-way talk;
- IR LED with 8m range;
- Works on 2.4GHz Wi-Fi network;
- Supports recording via SD card up to 128GB;
- Suited to indoor environments;
- Operates via the PPA ON app;
- Code: GPCW-3033PT



View System

ACESSE E SAIBA MAIS:



Wi-fi Cameras SMART ON

SECURITY IN THE PALM OF YOUR HAND

3MP WI-FI SMART ON 360° Outdoor Cam

- 3 megapixels;
- 3.6mm fixed lens;
- Motion-detection alert and recording;
- Horizontal and vertical pan up to 360°;
- Built-in microphone and speaker for two-way talk;
- Smart Jetcolor with IR LED and white LED up to 15 meters;
- Works on 2.4GHz Wi-Fi network;
- Supports recording via SD card up to 128GB;
- Suited to indoor environments;
- Operates via the PPA ON app;
- Code: GPCW-3133PT



View System

3MP WI-FI SMART ON Outdoor Bullet Camera

- 3 megapixels;
- 2.8mm fixed lens;
- Motion-detection alert and recording;
- Built-in microphone and speaker for two-way talk;
- IR LED with 15m range;
- Works on 2.4GHz Wi-Fi network;
- Supports recording via SD card up to 128GB;
- Suited to indoor and outdoor environments;
- Operates via the PPA ON app;
- Code: GPCW-3033B



Recorders and ACCESSORIES

RECORDERS AND ACCESSORIES SERIE 3



NVR Recorders



- Available in 3 models: 10-channel, 10-channel (4 POE ports), or 16-channel;
- IP technology;
- Compatible with IP cameras up to 8MP;
- Access via IP, domain or cloud (P2P);
- Supports 1 HDD up to 10TB;
- Continuous, motion-triggered, scheduled and event-based recording;
- VGA and HDMI video output. HDMI output at 4K resolution;
- USB backup, audio output;
- Compatible with the ONVIF protocol for connecting IP cameras;
- PPA CFTV app for remote access;
- Code: GPNV-4010 - GPNV-4010P - GPNV-4016



DVR/XVR Re

- Available in 3 models: 4, 8 or 16 channels;
- IP, AHD, HDCVI, HDTVI and CVBS technology;
- Compatible with IP cameras up to 5MP;
- Models with audio inputs and output;
- Access via IP, domain or cloud (P2P);
- PPA CFTV app for remote access;
- HDMI, VGA and analog outputs;
- USB backup;
- Continuous, motion-triggered, facial-detection and human-detection recording;

Recorders and ACCESSORIES

RECORDERS AND ACCESSORIES SERIE 3



POE Switch

- POE ports: 4, 8 or 16 RJ45 10/100Mbps ports;
- Uplink ports: 2 RJ45 10/100Mbps ports;
- SFP port: 1 Gigabit (combo) port * GPSP-1621 - IEEE802.3at/af standard;
- Extended POE mode for power and data transmission up to 250 meters;
- Lightning protection 4KV 10/700µs;
- Metal enclosure
- Code: GPSP-0420 - GPSP-0820 - GPSP-1621



Hard drive for **XVR E NVR**

- 1TB or 2TB surveillance hard drives;
- 3.5" SATA hard drive;
- Specially developed for CCTV use;
- Designed for permanent 24/7 operation;
- High reliability and optimized real-time performance;
- 3-year warranty

New Camaras SERIE 4

WITH TECHNOLOGY THAT
ENABLES COLOR VIEWING IN ANY
ENVIRONMENT, 24 HOURS A DAY.



- 2 megapixels;
- 1/2.8" digital sensor;
- Plate capture at speeds of 0–80 km/h;
- Motorized varifocal lens, 2.8mm–12mm;
- IR LED with range up to 50 meters;
- Integrated with PPA management software;
- Suited to outdoor environments;
- Code: GPCI-302VBM LPR

IP SERIE 5 Security Cameras

SERIE 5



Dome IP **2MP**

- 2 megapixels;
- 2.8mm fixed lens;
- Line-crossing and intrusion analytics;
- Infrared LED with range up to 30 meters;
- Image adjustments with BLC, HLC, DWDR, 3DNR, Defog;
- Suited to outdoor environments;
- Code: GPCI-5022DM

Bullet IP **2MP**

- 2 megapixels;
- 3.6mm fixed lens;
- Line-crossing and intrusion analytics;
- Infrared LED with range up to 30 meters;
- Image adjustments with BLC, HLC, DWDR, 3DNR, Defog;
- Suited to outdoor environments;
- Code: GPCI-5023BM



IP SERIE 5 Security Cameras

SERIE 5

5MP STARVIS

- 5 megapixels;
- 3.6mm fixed lens;
- 1/2.8" Starvis image sensor;
- Smart face, person and vehicle capture functions;
- Line-crossing, intrusion, double-intrusion, loitering, wrong-direction and people-counting analytics;
- 1x alarm I/O, 1x audio I/O;
- Memory card up to 256GB, POE, RTMP protocol for streaming;
- Infrared LED up to 30m;
- Suited to indoor and outdoor environments;
- Code: GPCI-7053BM



5MP STARVIS Varifocal

- 5 megapixels;
- 2.7mm-13.5mm varifocal lens;
- 1/2.8" Starvis image sensor;
- Smart face, person and vehicle capture functions;
- Line-crossing, intrusion, double-intrusion, loitering, wrong-direction and people-counting analytics;
- 1x alarm I/O, 1x audio I/O;
- Memory card up to 256GB, POE, RTMP protocol for streaming;
- Infrared LED up to 40m;
- Suited to outdoor environments;
- Code: GPCI-705VBM



IP SERIE 7

Security Cameras

SMART SECURITY



5MP STARVIS

- 5 megapixels;
- 2.8mm fixed lens;
- 1/2.8" Starvis image sensor;
- Smart face, person and vehicle capture functions;
- Line-crossing, intrusion, double-intrusion, loitering, wrong-direction and people-counting analytics;
- 1x alarm I/O, 1x audio I/O;
- Built-in microphone, memory card up to 256GB, POE, RTMP protocol for streaming;
- Infrared LED up to 30m;
- Suited to indoor and outdoor environments;
- Code: GPCI-7052DM

RECORDERS IP SERIE 7

RECORDES SERIE 7



NVR Recorder

- Available in 3 models: 8-channel, 8-channel POE, or 16-channel;
- IP technology;
- Compatible with IP cameras up to 8MP;
- Manual, motion, scheduled and event-based recording;
- Analytic alarm notifications via the IP camera;
- Access via IP, domain or cloud (P2P);
- Supports 1 HDD up to 12TB (8-channel) or 2 HDDs up to 12TB (16-channel);
- Smart analysis via the NVR: facial, person and vehicle recognition;
- *Available on model GPNV-7008P;
- VGA and HDMI video output. HDMI output at 4K resolution;
- Compatible with the ONVIF protocol for connecting IP cameras;
- PPA CFTV PRO app for remote access;
- Code: GPNV-7008
GPNV-7008P



Versões com
4, 8 e 16 portas

HDMI / USB-C Conversor

- HDMI 1.4 input (supports up to 4K30 pass-through);
- USB-C 3.0 (5 Gbps) and USB-A output (via included adapter);
- Resolution: 1080p60 (capture), 4K30 (pass-through);
- Compatibility: Next Câmera (Android), OBS Studio, VLC and more;
- Ideal for CCTV technicians. No more carrying heavy monitors around!





INTERCOMS, LOCKS,
DOOR LOCKS AND CLOSERS



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Electronic DOOR ENTRY

INTERCOMS AND LOCKS

TRANSFORMER POWERED GPI - 1000T

- Selectable dual-voltage 127/220Vac power supply on the outdoor panel;
- Drives one pulsed 12V electric lock via handset or auxiliary push-button;
- Does not release the lock on a short circuit in the audio line;
- Easy installation, using only two wires between the entrance panel and the handset;
- Supports up to 3 handsets (main + 2 extensions);
- Entrance panel and handset fit perfectly into a standard 4x2" electrical box;
- Tamper function, which prevents the lock from releasing and triggers the burglar alarm.



GPI - 1000E AND 1001

Outdoor and Indoor power supply

- Automatic dual-voltage 90–240Vac power supply;
- Drives one pulsed 12V electric lock and one NO/NC relay via handset or auxiliary push-button;
- Does not release the lock on a short circuit in the audio line;
- Easy installation, using only two wires between the entrance panel and the handset;
- Supports up to 3 handsets (main + 2 extensions);
- Entrance panel and handset fit perfectly into a standard 4x2" electrical box;
- Tamper function, which prevents the lock from releasing and triggers the burglar alarm;
- Tamper connectable to an alarm control panel;
- Gate-open beep function;
- Do-not-disturb function.

Electronic DOOR ENTRY

INTERCOMS AND LOCKS

GPM - 1000 Universal Intercom

- Drives two locks, selectable via coding or short circuit on the audio line;
- Excellent audio and ringtone quality;
- Selectable positive or negative ring signal;
- Compatible with other brands;
- Input for two push-buttons;
- Fits perfectly into a standard 4x2" electrical box;
- No need to open it up to install.



Lock ELECTRO MAGNETIC



DOG STEEL Lock

- Available in 127V or 220V;
- Made of carbon-steel plate with electrostatic paint finish;
- Solid carbon-steel pin;
- Steel-plate base;
- Tamper-resistant steel ramp;
- Compatible with up-and-over, sliding and swing gates.



ALUMINIUM
PAINT



WHITE
PAINT



BLACK
PAINT

DOG STEEL CUSTOM Lock

- Available in 127V or 220V;
- Made of carbon-steel plate with electrostatic paint finish;
- Aluminum pin;
- Steel-plate base;
- Tamper-resistant steel ramp;
- Compatible with up-and-over, sliding and swing gates.



ALUMINIUM
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WHITE
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Lock ELECTRO MAGNETIC



DOG CUSTOM Lock

- Available in 127V or 220V;
- Made of carbon-steel plate with electrostatic paint finish;
- Solid carbon-steel pin;
- Steel-plate base;
- Tamper-resistant steel ramp;
- Compatible with up-and-over, sliding and swing gates.

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Electronic LOCKS



TRAVER 90

- Reversible latch-bolt mode;
- Compatible with electronic door entry units, push-buttons and access-control systems;
- Standard market drilling pattern;
- Standard 42mm cylinder;
- 12V power supply; - Interior and exterior opening;
- Version with 55mm cylinder also available;
- Adjustable cylinder.



ALUMINIUM
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Lock Traver **UNO** **REVERSIVEL**

- Reversible latch-bolt mode;
- Distinctive finish available in black, white and gray;
- Easy installation on various types of doors and gates;
- Greater strength and durability;
- Compatible with electronic door entry units, push-buttons and access-control systems.



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Digital LOCKS

Embedded Smart On **FS810**

- Smart embedded lock;
- ABNT 55mm installation standard, PPA ON app;
- Opens by fingerprint and/or password (up to 300 users);
- Up to 9 administrators;
- Temporary password;
- Battery life: 1 year at 10 openings per day;
- Power: 4 AAA alkaline batteries (1.5V);
- Key release - Low-battery warning;
- Emergency release via USB-C

PPA ON



Digital LOCKS



Surface password and fingerprint **FP310**

- Opens by fingerprint, password and card (up to 100 users)
- Up to 9 administrators
- Battery life: 8,000 openings
- Power: 4 AA alkaline batteries (1.5V)
- Can be installed on any swinging wood, steel or aluminum door
- Emergency release via USB-C



Surface lock **FP110**

- Opens by password and card (up to 100 users)
- Up to 9 administrators
- Battery life: 8,000 openings
- Power: 4 AA alkaline batteries (1.5V)
- Can be installed on any swinging wood, steel or aluminum door
- Emergency release via USB-C



Electromagnetic LOCK



Electromagnet **P100 • P150 • P200 • P400 • P600**

- 12V voltage;
- Magnetic holding force of 100 / 150 / 200 / 400 / 600 kg;
- Made of treated, electrostatically painted steel plate, corrosion-resistant;
- Available in white, black, gray and stainless steel finishes;
- Compatible with various environments, with brackets that adapt the product to any type of installation (misalignments of up to 20 mm);
- Compatible with all access-control systems on the market;
- Has a door sensor that indicates the "door closed" position (resting shut);
- Eliminates the need for external magnetic sensors, reducing installation labor and wiring.



Kit **P100 • P200**

- Kit for mounting electromagnetic locks on single- or double-leaf swing and sliding doors;
- Distinctive design and easy installation.

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PAINT

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Electromagnetic LOCK



Slim 50Kg

- Holding force: 50 KgF;
- Voltage: 12 VDC;
- Rated current: 160 mA;
- Power: 1.98 W;
- Monthly consumption: ~138 kWh;
- Electromagnet dimensions: 144x22x22 mm — weight without bracket: 0.280 kg;
- Model without sensor.

Slim 100Kg

- Holding force: 100 KgF;
- Voltage: 12 VDC;
- Rated current: 160 mA;
- Power: 1.98 W;
- Monthly consumption: ~138 kWh;
- Electromagnet dimensions: 144x22x22 mm — weight without bracket: 0.280 kg;
- Model without sensor.



Overhead DOOR CLOSERS

Overhead Closer **F2 • F3 • F4**

- Door weight: F2 — up to 45 kg.
- Door weight: F3 — up to 65 kg.
- Door weight: F4 — up to 85 kg.
- Adjustable speed;
- Finishes: white, black and silver;
- Door width: 900x1800 mm;
- Opening up to 180°;
- Installation template included.



ALUMINIUM
PAINT



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GLASS-DOOR Clamp Bracket for Overhead

- Bracket for installing overhead door closers on glass doors.



Overhead DOOR CLOSERS



Overhead Closer **AS34**

- Surface-mounted hold-open function
- Force size 3/4
- Door weight 65 to 85 kg
- Width 600 to 1200 mm
- Up to 1 million cycles



ALUMINIUM
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WHITE
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ACCESS CONTROL



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Access CONTROL



WAVE 13 MHZ

Controller

- Stores up to 500 users;
- IP66 protection;
- No computer needed to operate;
- Retains information in the event of a power outage;
- Wiegand 26/34-bit communication protocol (reader mode);
- MIFARE 13 MHz card;
- Backlit keypad;
- Compatible with the main controllers on the market.

WAVE 125 MHZ

Controller

- Stores up to 500 users;
- IP66 protection;
- No computer needed to operate;
- Retains information in the event of a power outage;
- Wiegand 26/34-bit communication protocol (reader mode);
- EM 125 kHz card;
- Backlit keypad;
- Compatible with the main controllers on the market.

Access CONTROL



SMART FACE

Facial Controller

- 3D facial recognition (anti-spoofing);
- Built-in RFID reader (MIFARE 13MHz);
- Ultra-fast recognition (0.5 seconds) - 5.5" HD screen;
- Capacity for 20,000 faces, 20,000 cards and 20,000 passwords;
- One NO and NC relay (dry contact);
- Maximum storage of 200,000 events;
- Touchscreen menu, in Portuguese;
- Can be managed via the Access Control Web software;
- Wiegand 26/34/66-bit output.



WAVE 125 MHZ

- Power: 12VDC;
- Wiegand 26/34-bit communication protocol;
- EM 125 kHz card;
- IP66 protection, for indoor and outdoor use;
- Compatible with the main controllers on the market.

WAVE 13 MHZ

- Power: 12VDC;
- Wiegand 26/34-bit communication protocol;
- MIFARE 13 MHz card;
- IP66 protection, for indoor and outdoor use;
- Compatible with the main controllers on the market.

Access CONTROL



RFID 900 MHZ

Antenna

- 12VDC power (power supply included);
- Buzzer indicating a successful read;
- Detects vehicles up to 5 meters away;
- Adjustable detection distance;
- Communication protocols: W26, W34, RS232, RS485;
- Adjustable interval between reads; - Directional reading (60°V/27°H reading angle); - Recommended cable: 3x18 AWG shielded.



RFID 900 MHZ

TAG

- Power: 12VDC;
- Wiegand 26/34-bit communication protocol;
- EM 125 kHz card; - IP66 protection, for indoor and outdoor use;
- Compatible with the main controllers on the market.



RFID 125 MHZ E

13MHZ Keyfog

- Power: 12VDC;
- Wiegand 26/34-bit communication protocol;
- MIFARE 13 MHz card; - IP66 protection, for indoor and outdoor use;
- Compatible with the main controllers on the market.

Access CONTROL



INDUCTIVE Loop

- Detection via the vehicle's metal mass;
- Resistant insulating jacket;
- Installed under asphalt or concrete;
- Waterproof;
- Length: 5.2 m.

INDUCTIVE LOOP Dectector Panel

- Supports two inductive loops (2-point version only);
- Panel outputs with pulse and hold (1-point version);
- Guarantees access only for vehicles;
- Adjustable operating frequency;
- Adjustable sensitivity;
- Loop-fault monitoring.

Access CONTROL

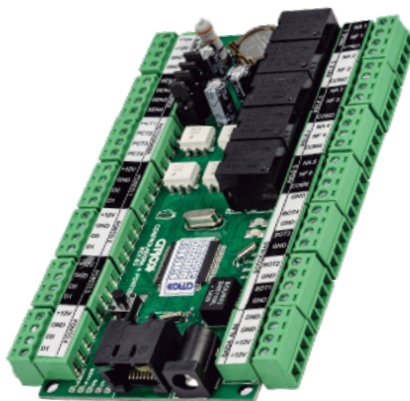


2 OR 4 OUTPUT Interlock

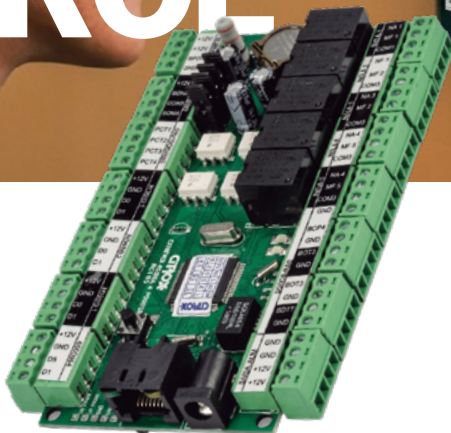
- Greater security for airlock/slucice systems between magnetic locks, doors, gates and automatic barrier gates;
- Ideal for condominiums or businesses where visitors need to be identified;
- Easy installation;
- Has LED status indicators;
- Configurable emergency function for push-buttons;
- Can be installed in systems driving magnetic locks, electromagnetic locks or gate operators.

IP WIDE Controller

- 12VDC power (power supply not included);
- Managed via the Access Control Web software;
- Unlimited storage capacity in online mode;
- Stores 8,000 tags/passwords and 10,000 events offline;
- Four Wiegand 26-bit inputs;
- Four push-button inputs;
- Four sensor inputs;
- Four independent relays for driving access points;
- One relay for alarm/auxiliary use.



Access CONTROL



IP WIDE TURNSTILE Controller

- Control panel for turnstile access control;
- 12V power;
- 2 relay outputs to control 1 or 2 arm-locking solenoids;
- 1 relay output to control the opening of the card-collection box;
- 2 sensor inputs, selectable NPN or PNP, for reading the arm's rotation;
- 2 sensor inputs, selectable NPN or PNP, for detecting cards in the collection box;
- 4 open-collector transistor outputs for driving indicator LEDs;
- 4 Wiegand inputs for compatible RFID readers;
- 2 push-button inputs for releasing entry/exit access;
- Supports RFID cards and passwords;
- RJ45 network connection for communication with management software;
- Supports 8,000 users in the controller's memory for standalone operation without a server;
- Supports 10,000 access events in the controller's memory as a contingency backup in case of a service failure;
- Real-time clock with backup battery.

Stainless PUSH BUTTON



BT STEEL 1

Push Button

- The push-button line was developed for entrances and exits, with a modern design, stainless-steel button and steel/stainless-steel plate finish. It can be used in environments such as clinics, businesses and homes, among others, offering practicality and durability.
- Drives all types of electromechanical and electromagnetic locks, as well as automatic doors and gates.
- Stainless-steel button, NO contact, 3A current rating, up to 250Vac.
- 1 button - Made of carbon steel, in white, black, gray and stainless-steel finishes.



BT STEEL 2

Push Button

- The push-button line was developed for entrances and exits, with a modern design, stainless-steel button and steel/stainless-steel plate finish. It can be used in environments such as clinics, businesses and homes, among others, offering practicality and durability.
- Drives all types of electromechanical and electromagnetic locks, as well as automatic doors and gates.
- Stainless-steel button, NO contact, 3A current rating, up to 250Vac.
- 2 buttons - Made of carbon steel, in white, black, gray and stainless-steel finishes.

CARBON STEEL



STAINLESS
STEEL



Stainless PUSH BUTTON



Botoeira **BT STEEL 4**

- The push-button line was developed for entrances and exits, with a modern design, stainless-steel button and steel/stainless-steel plate finish. It can be used in environments such as clinics, businesses and homes, among others, offering practicality and durability.
- Drives all types of electromechanical and electromagnetic locks, as well as automatic doors and gates.
- Stainless-steel button, NO contact, 3A current rating, up to 250Vac.
- 4 buttons - Made of carbon steel, in white, black, gray and stainless-steel finishes.

Botoeira **BT STEEL 6**

- The push-button line was developed for entrances and exits, with a modern design, stainless-steel button and steel/stainless-steel plate finish. It can be used in environments such as clinics, businesses and homes, among others, offering practicality and durability.
- Drives all types of electromechanical and electromagnetic locks, as well as automatic doors and gates.
- Stainless-steel button, NO contact, 3A current rating, up to 250Vac.
- 6 buttons - Made of carbon steel, in white, black, gray and stainless-steel finishes.

CARBON STEEL    STAINLESS STEEL 

Stainless PUSH BUTTON



SMALL STAINLESS N.O

Push Button

- Fine-finish push-button;
- High durability;
- Ideal for high-end installations;
- Stainless-steel push-button;
- N.O. contact.



LARGE STAINLESS N.O

Push Button

- Fine-finish push-button;
- High durability;
- Ideal for high-end installations;
- Stainless-steel push-button;
- N.O. contact.

Stainless PUSH BUTTON



SMART STAINLESS N.O. AND N.F Push Button

- Fine-finish push-button;
- High durability;
- Ideal for high-end installations;
- Stainless-steel push-button;
- N.O. and N.C. contacts.



CUBE STAINLESS N.O. Push Button

- Fine-finish push-button;
- High durability;
- Ideal for high-end installations;
- Stainless-steel push-button;
- N.O. and N.C. contacts;
- Surface-mount format.

Stainless PUSH BUTTON



FIT N.A Push Button

- Fine-finish push-button;
- High durability;
- Ideal for high-end installations;
- Stainless-steel push-button;
- Indicator LED;
- N.O. contacts;
- Surface-mount format



PVC CUBE N.O AND N.F Push Button

- Fine-finish push-button;
- High durability;
- Ideal for high-end installations;
- PVC push-button;
- Indicator LED;
- N.O. and N.C. contacts;
- Surface-mount format.

Stainless PUSH BUTTON



TOUCH Push Button

- Capacitive touch;
- Fine-finish PVC push-button;
- High durability;
- Ideal for high-end installations;
- N.O. and N.C. contacts;
- Indicator LED - Available in white and black.



STAINLESS NO TOUCH Push Button

- Proximity activation;
- Fine-finish push-button;
- High durability;
- Ideal for high-end installations;
- Stainless-steel push-button;
- N.O. and N.C. contacts.



ELECTRIC FENCE
ENERGIZERS

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Electric fence ENERGIZERS



ULTRA 20 Wifi Smart ON

- Output voltage of 12,000V or 20,000V (adjustable);
- Output energy: 15 Joules;
- Electrifies up to 5,000 meters of wire;
- 2 independent alarm zones;
- Registers up to 30 wireless devices (433.92MHz standard);
- Arm and disarm via remote control or the PPA On app;

ALSO AVAILABLE IN A NON-WI-FI VERSION



ULTRA 22K Wifi Smart ON

- Output voltage of 12,000V or 22,000V (adjustable);
- Output energy: 2 Joules;
- Electrifies up to 5,000 meters of wire;
- 2 independent alarm zones;
- Registers up to 30 wireless devices (433.92MHz standard);
- Arm and disarm via remote control or the PPA On app;

ALSO AVAILABLE IN A NON-WI-FI VERSION

Electric fence ENERGIZERS



CR2S Wifi Smart ON

- Output voltage of 4,000V to 10,000V (adjustable via the app);
- Output energy: 0.5 Joule;
- Electrifies up to 1,200 meters of wire;
- 2 independent alarm zones;
- Registers up to 30 wireless devices via the board or the app (433.92MHz standard);
- Arming/disarming, settings and notifications via the app.



KIT 18K + Wifi module

- Output voltage of 12,000V or 18,000V (adjustable);
- Output energy: 19 Joule;
- Electrifies up to 5,000 meters of wire;
- Arm and disarm via remote control or app;
- 2 independent alarm zones;
- Registers up to 30 wireless devices (433.92MHz standard);
- Arm and disarm via remote control or app (through the PPA On Wi-Fi module).

ALSO AVAILABLE IN A NON-WI-FI VERSION

Electric fence ENERGIZERS



SHOCK Battery

- Output voltage of 10,000V;
- Output energy: 0.5 Joule;
- Electrifies up to 1,200 meters of wire;
- 1 independent alarm zone;
- Registers up to 42 wireless devices (433.92MHz standard);
- Comes with a lithium battery; - Arm and disarm via remote control;

READ MORE



Electric fence ENERGIZERS



COMPACT Power CR

- Output voltage of 10,000V;
- Output energy: 0.5 Joule;
- Electrifies up to 5,000 meters of wire;
- 2 independent alarm zones;
- Registers up to 30 wireless devices (433.92MHz standard);
- Input: 110/220V.
- Arm and disarm via remote control or app (through the PPA On Wi-Fi module, sold separately).

TO USE THE APP, THE CONTATTO WI-FI MODULE IS REQUIRED, SOLD SEPARATELY



COMPACT CR

- Output voltage of 10,000V;
- Output energy: 0.5 Joule;
- Electrifies up to 1,200 meters of wire;
- 2 independent alarm zones;
- Registers up to 30 wireless devices (433.92MHz standard);
- Arm and disarm via remote control or app (through the PPA On Wi-Fi module, sold separately).

TO USE THE APP, THE CONTATTO WI-FI MODULE IS REQUIRED, SOLD SEPARATELY

Electric fence ENERGIZERS



COMPACT CR Economy

- Output voltage of 10,000V;
- Output energy: 0.5 Joule;
- Electrifies up to 1,200 meters of wire;
- 1 independent alarm zone;
- Registers up to 42 wireless devices (433.92MHz standard);
- Arm and disarm via remote control.

Electric fence ENERGIZERS

Disponível nas versões:

WiFi



IMPACTO 10k

- Output voltage: 10kV or 8kV;
- Energizes up to 1,200 linear meters;
- LED operation indicators;
- 12V output to power peripherals (up to 100mA);
- One mixed wired/wireless alarm zone;
- Stores up to 42 wireless devices, 433.92MHz learning-code standard;
- 12V siren output, limited to 200mA, or a 120dB siren;
- PGM output to drive a dry NO/NC/C contact (requires a separately sold PPA relay module);
- STTS output and LD input for use with PPA Contatto; - Panic function via remote control;
- Automatic shock rearm configuration (JMP5);
- Arm/disarm beep enable (JMP4);



IMPACTO 10k Battery

- Output voltage: 10kV or 8kV;
- Energizes up to 1,200 linear meters;
- LED operation indicators;
- 12V output to power peripherals (up to 100mA);
- One mixed wired/wireless alarm zone;
- Stores up to 42 wireless devices, 433.92MHz learning-code standard;
- 12V siren output, limited to 200mA, or a 120dB siren;
- PGM output to drive a dry NO/NC/C contact (requires a separately sold PPA relay module);
- STTS output and LD input for use with PPA Contatto; - Panic function via remote control;
- Automatic shock rearm configuration (JMP5);
- Arm/disarm beep enable (JMP4);



ALARM SYSTEM

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Alarm Control PANELS



AL 32

- Two wired zones;
- Up to 30 wireless devices;
- One siren output with short-circuit protection;
- Auxiliary LED status output;
- Compatible with the main wireless sensors on the market.



AL 36

- 4 mixed wired/wireless zones;
- Arm/disarm input for linking a keypad, receiver and other devices;
- Accepts up to 32 remote controls and 32 wireless sensors;
- Connects to the PPA programming keypad (PROG);
- Connection for a dialer with arm/disarm, armed-status and trigger functions.

Alarm Control PANELS

PPA ON



AL 36 WIFI SMART ON

- Arm and disarm via remote control or app;
- All programming done via the PPA On app;
- 4 wired zones;
- Up to 32 wireless zones;
- Up to 32 remote controls.



AL 40 WIFI BATTERY SMART ON

- Comes with lithium batteries included;
- Arm and disarm via remote control or app;
- All programming done via the PPA On app;
- Up to 8 wired zones on the board;
- Accepts up to 32 remote controls and 32 wireless sensors.

Alarm Control PANELS

hook«
ALARME COMUNITÁRIO



HOOK Community Alarm

- With Hook, you can trigger a medical or security emergency alarm with a simple tap on your smartphone screen or remote control, generating an automated notification to a group of people in your home or school community;
- Used in security emergencies such as robberies, break-ins, domestic violence and medical emergencies; - Module with strobe light and electromechanical siren;
- Communication via Wi-Fi, Ethernet or 4G; - Chat for user interaction during an emergency;
- Camera integration;
- Identifies the user's address and contact information;
- Access to the user's medical record;
- Shared surveillance system.



RADARS, SENSORS AND PHOTOCELLS

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Radars, Sensors and **PHOTOCELLS**

Reflective Photocell **F-10R**

- Reflective photocell;
- Range up to 8 m;
- NO / NC / Pulsed output;
- Can be used outdoors;
- LED indicating alignment and signal strength;
- Maximum current draw: 80 mA;
- Instant activation;
- Relay in passive or active mode (configurable);
- 2-level emission power control;
- Installation template included.



Radars, Sensors and PHOTOCELLS



Photocell **F8**

- Power supply: 7V to 24V;
- Consumption: 20mA;
- Range up to 8 meters, indoor or outdoor;
- NO version (orange wire);
- NC version (blue wire).

Photocell **FC25** FASS

- Infrared sensor;
- Range up to 25 meters, outdoor;
- Power supply: 12 to 24VDC;
- Alignment indicator LED;
- Instant relay activation;
- Contact: Common (C), NC and NO;
- Emitter and receiver.



Radars, Sensors and **PHOTOCELLS**



F-32 Photocell

- Single-beam infrared sensor, compatible with all control panels on the market;
- Maximum range: 32 m - Power supply: 12 to 24VDC;
- Maximum current draw: 55mA;
- NO, NC and pulsed output (configurable);
- Instant activation; - Digital, microcontrolled technology;
- Noise-immune;
- Alignment indicator LED;
- Relay in passive or active mode (configurable);
- 3-level emission power control; - Weather-resistant.

F-32 PLUS Photocell

- Compatible with all control panels on the market
- Maximum range: 32 m - Power supply: 12 to 24VDC;
- Maximum current draw: 70mA;
- NO, NC and pulsed output (configurable);
- Instant activation;
- Digital, microcontrolled technology;
- Noise-immune;
- Alignment indicator LED;
- Relay in passive or active mode (configurable);
- 3-level emission power control;
- Articulated base to help with alignment;
- Terminal-block connections;
- Weather-resistant.



Radars, Sensors and PHOTOCELLS

F-E Embedded Photocells

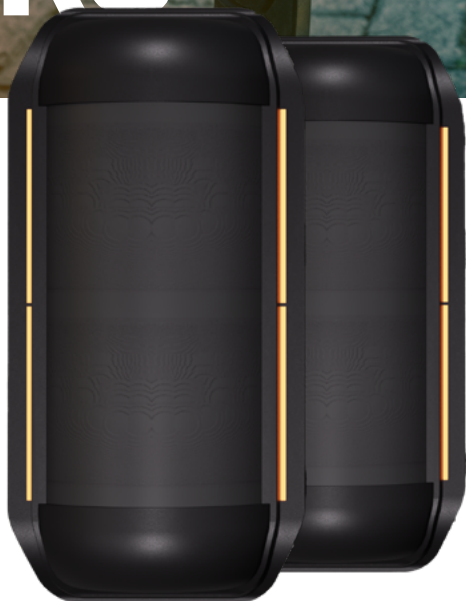
- A safety device that prevents accidents when an automatic door closes;
- Detects obstacles and sends a signal to the operator to stop the door from closing and reverse its movement;



Radars, Photocells and **SENSORS**

SMART DUPLO PIR

- Motion-detection sensor with dual PIR;
- Indoor or outdoor use;
- Long detection range;
- High-sensitivity digital PIR;
- Advanced microcontrolled digital filtering algorithm;
- Adjustable sensitivity;
- Tamper switch.



SMART DT

- Motion-detection sensor with dual PIR and microwave;
- Indoor or outdoor use;
- High immunity to false triggers;
- High-sensitivity digital PIR;
- Advanced microcontrolled digital filtering algorithm;
- Adjustable sensitivity and range;
- Tamper switch.

Radars, Photocells and **SENSORS**

SMART SLIM RF

- Passive infrared sensor for protecting indoor areas;
- Passive infrared sensor with pet-immune function;
- Dual-element digital PIR sensor;
- 433.92MHz wireless communication;
- Communication range of 100 meters (line of sight);
- CR2450 battery (included);
- Frosted Fresnel lens;
- Digital pyroelectric element with high noise immunity and high detection sensitivity;
- 5-level adjustable sensitivity;
- Detection range up to 12 meters.

SMART SLIM PET

- Passive infrared sensor for protecting indoor areas;
- Dual-element PIR;
- 3-level sensitivity adjustment;
- On/off LED;
- NO/NC relay;
- Range up to 12 meters;
- Detection angle: 110°;
- Power supply: 9 to 18 VDC;
- Consumption: 10mA @ 12VDC.



Radars, Photocells and **SENSORS**

PET PRO

- Passive infrared sensor for protecting indoor areas;
- Dual-element PIR;
- High immunity to unwanted triggers;
- 3-level sensitivity adjustment;
- On/off LED;
- NO/NC relay;
- Range up to 14 meters;
- Detection angle: 110°;
- Power supply: 9 to 18 VDC;
- Consumption: 5mA @ 12VDC.



SMART SLIM

- Door and window opening sensor for protecting indoor areas;
- 433.92 MHz wireless communication;
- Communication range of 100 meters (line of sight);
- CR2032 battery (included);
- High-immunity digital magnetic sensor;
- Magnetic tamper detection;



Radars, Photocells and **SENSORS**

DUAL BEAM IF150 BARRIER

- Passive infrared sensor for protecting indoor areas;
- Passive infrared sensor with pet-immune function;
- Dual-element digital PIR sensor;
- 433.92MHz wireless communication;
- Communication range of 100 meters (line of sight);
- CR2450 battery (included);
- Frosted Fresnel lens;
- Digital pyroelectric element with high noise immunity and high detection sensitivity;
- 5-level adjustable sensitivity;
- Detection range up to 12 meters.



External Magnetic sensor SMG10

- Magnetic sensor for steel doors;
- Normally closed contact;
- Armored metal housing;
- Protection with a metal cable;
- Adjustable mounting bracket;

Sensors Photocells and RADARS



SMI 2 Microwave and Infrared Curtain Radar

- Microwave and infrared curtain sensor;
- Activation and security modes;
- Maximum height: 3 meters;
- Infrared curtain width: 2 meters;
- Power supply: AC/DC 12-30V;



Microwave and Infrared Curtain Radar **SMI 4**

- Microwave and infrared curtain sensor;
- Activation and security modes;
- Maximum height: 3 meters;
- Infrared curtain width: 2 meters;
- Power supply: AC/DC 12-30V;

Sensors Photocells and RADARS

Microwave and Indrared Radar **FOR AUTOMATIC DOOR SMW3**

- Microwave sensor;
- Maximum height: 3 meters
- Bidirectional motion detection;
- Power supply: 12 to 24V AC/DC, 50/60Hz;
- Protection rating: IP54; - Maximum current: 1A;



Microwave and Indrared Radar **FOR AUTOMATIC DOOR SMW5**

- Microwave sensor;
- Maximum height: 5 meters;
- Unidirectional motion detection;
- Power supply: 12 to 24V AC/DC, 50/60Hz;
- Protection rating: IP54;
- Maximum current: 1A;



MODULE AND **ACCESSORIES**

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Modules and ACCESSORIES



CONNECT Smart On

- Wi-Fi interface for PPA Connect control panels;
- Receive status notifications from your control panel on your phone via the PPA ON app (Android and iOS);
- Trigger your gate from anywhere via mobile phone;
- Quick, easy installation through the PPA CONNECT input;
- Wi-Fi communication: 802.11 b/g/n 2.4GHz standard; - Bluetooth communication: BLE 4.2;
- Programmable via the app; - Compatible with the main operators on the market in "universal" mode.

SMART ON Smart On

- Wi-Fi interface that makes an alarm panel, electric fence, electric/magnetic lock or gate operator connectable, making them more modern and compatible with the PPA ON app;
- Receive status notifications from your control panel on your phone via the app (Android and iOS); - Trigger your alarm panel, electric fence, lock or gate from anywhere via mobile phone;
- Programmable via the app;
- 1 relay output;
- Works with Wi-Fi technology;
- Compatible with the main domestic and international alarms, energizers, locks and operators on the market.

Modules and ACCESSORIES



CONTATTO Wi-fi

- Wi-Fi interface that makes an alarm panel, electric fence or gate operator connectable, making them more modern and compatible with the PPA CONTATTO app;
- Receive status notifications from your control panel on your phone via the app (Android and iOS);
- Trigger your alarm panel, electric fence or gate from anywhere via mobile phone; - Programmable via the app;
- 1 relay output;
- Works with Wi-Fi technology;
- Compatible with the main domestic and international alarms, energizers and operators on the market;
- Compatible with Android Auto and Apple CarPlay.

CONTATTO Pro

- Wi-Fi interface for PPA Connect control panels;
- Receive status notifications from your control panel on your phone via the PPA ON app (Android and iOS);
- Trigger your gate from anywhere via mobile phone;
- Quick, easy installation through the PPA CONNECT input;
- Wi-Fi communication: 802.11 b/g/n 2.4GHz standard;
- Bluetooth communication: BLE 4.2;
- Programmable via the app;
- Compatible with the main operators on the market in "universal" mode.

Modules and ACCESSORIES



CONTATTO Mini

- Wi-Fi interface for PPA Connect control panels;
- Receive status notifications from your control panel on your phone via the PPA ON app (Android and iOS);
- Trigger your gate from anywhere via mobile phone;
- Quick, easy installation through the PPA CONNECT input;
- Wi-Fi communication: 802.11 b/g/n 2.4GHz standard;
- Bluetooth communication: BLE 4.2;
- Programmable via the app;
- Compatible with the main operators on the market in "universal" mode.

PGM RELEY

- Wi-Fi interface that makes an alarm panel, electric fence, electric/magnetic lock or gate operator connectable, making them more modern and compatible with the PPA ON app;
- Receive status notifications from your control panel on your phone via the app (Android and iOS);
- Trigger your alarm panel, electric fence, lock or gate from anywhere via mobile phone;
- Programmable via the app;
- 1 relay output;
- Works with Wi-Fi technology;
- Compatible with the main domestic and international alarms, energizers, locks and operators on the market.

ACCESSORIES for Operators

CE
Certified

FCC
Certified



CR
CÓDIGO
ROLANTE



ZAP POP

- 2 independent command buttons;
- Transmission frequency: 433.92 MHz;
- Modulation: OOK;
- CR2032 battery;
- Easy battery access for replacement;
- High transmission-frequency stability;
- Low operating power consumption;
- PPA Safe Code protocol;
- Reinforced attachment loop;
- Impact- and drop-resistant;
- Protection against accidental activation;
- New design; - Black only.

ZAP 2

- 2 independent command buttons;
- Transmission frequency: 433.92 MHz;
- Modulation: OOK;
- CR2032 battery;
- Easy battery access for replacement;
- High transmission-frequency stability;
- Low operating power consumption;
- PPA Safe Code protocol;
- Reinforced attachment loop;
- Impact- and drop-resistant;
- Protection against accidental activation;
- New design;
- Several color options.



ACCESSORIES for Operators

CE
Certified

FCC
Certified



CR
CÓDIGO
ROLANTE

ZAP 4

- 4 independent command buttons;
- Transmission frequency: 433.92 MHz;
- Modulation: OOK;
- CR2032 battery;
- Easy battery access for replacement;
- High transmission-frequency stability;
- Low operating power consumption;
- PPA Safe Code protocol;
- Reinforced attachment loop;
- Impact- and drop-resistant;
- Protection against accidental activation;
- New design;
- Several color options.



ZAP SELECT

- Function selector for 24V Brushless social doors;
- 4 independent command buttons for the functions: door open / door closed / partial opening / exit only;
- Transmission frequency: 433.92 MHz;
- Modulation: OOK; - CR2032 battery;
- Easy battery access for replacement;
- High transmission-frequency stability;
- Low operating power consumption;
- PPA Safe Code protocol;
- Reinforced attachment loop;
- Impact- and drop-resistant;
- Protection against accidental activation;
- Several color options.



ACCESSORIES for Operators



CE
Certified

FCC
Certified



ZAP BR1

- Function selector for BR1 roller shutter doors;
- 4 independent command buttons for the functions: raise, lower, stop and lock the door;
- Transmission frequency: 433.92 MHz;
- Modulation: OOK;
- CR2032 battery;
- Easy battery access for replacement;
- High transmission-frequency stability;
- Low operating power consumption;
- PPA Safe Code protocol;
- Reinforced attachment loop;
- Impact- and drop-resistant;
- Protection against accidental activation;

FCC
Certified



TOK

- Reinforced attachment loop;
- Buttons integrated into the body;
- New battery mounting;
- Electronic circuit made with SMD components;
- Impact- and drop-resistant;
- CR-Safe Code;
- Available in 292 and 433.92 MHz frequencies;
- OOK modulation;
- 433.92MHz version: - High frequency stability;
- Protection against accidental activation.





COMFORT WITH SAFETY

**Modern,
compact,
and efficient!**

This is PPA's new BOT
remote control!



B  **T**

Compact, modern, and innovative, the TX BOT was designed to always be within reach. Featuring an intelligent suction cup system, it can be attached to the windshield or dashboard, or used as a keychain, providing greater freedom and convenience for your daily routine.



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ACCESSORIES for Operators

TX BOT

- 1 independent command button;
- Transmission frequency: 433.92 MHz;
- Modulation: OOK;
- CR2032 battery;
- High mechanically resistant tactile switch;
- Low operating power consumption;
- PPA Safe Code protocol;
- Impact- and drop-resistant;
- Quick-release case
- New design, for practical, fast activation.



TX STONE

- 3 independent command buttons;
- Transmission frequency: 433.92 MHz;
- Modulation: OOK;
- CR2032 battery;
- High mechanically resistant tactile switch;
- Easy battery access for replacement;
- High transmission-frequency stability;
- Low operating power consumption;
- PPA Safe Code protocol;
- Reinforced attachment loop, with vertical or horizontal mounting option;
- Impact- and drop-resistant;
- Protection against accidental activation;
- New design, for practical, fast activation.



ACCESSORIES for Operators



LUX Warning Light

- Auto-voltage input (127V / 220V);
- Visual signaling in red and yellow;
- Audible signaling (buzzer) with adjustable volume and frequency;
- Day/night detection sensor;
- Available in black and white.



LUX LITE Warning Light

- Power supply: 14V–240V (AC or DC)
- Consumption: 23mA–26mA
- Configuration jumper: solid or flashing function
- High-intensity 360° LEDs
- Protective fuse



FASS Warning Light

- Auto-voltage input (127V / 220V);
- Visual signaling in red and yellow;
- Audible signaling (buzzer) with adjustable volume and frequency;
- Day/night detection sensor;

PROG 2.0

**The Installer's Tool,
now with a new design.**



COMFORT WITH SAFETY



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ACCESSORIES for Operators

PPA PROG 2.0

Programmer

- Accessory for programming control panels;
- Allows programming of the control panel's parameters;
- Allows viewing of the gate's cycle count, faults and sensor status.



FUNCTION Selector

- Included with all PPA automatic-door operators;
- Allows full programming of the door;
- Enables/disables the interior and exterior radar sensors independently;
- Hold-open function;
- Allows viewing of the door's cycle count, faults and sensor status;
- Reports UPS (no-break) activation.

ACCESSORIES

for Operators



Mounting Bracket **FOR OVERHEAD MOTORS**

- Made of surface-treated steel plate;
- Designed to make installing up-and-over operators easier, allowing adjustment (slotted and drilled rod and base).

Mounting Bracket **FOR SLIDING MOTORS**

- Made of surface-treated steel plate;
- Designed to make installing sliding operators easier, allowing adjustment (slotted and drilled rod and base).



ACCESSORIES

for Operators

Mounting Bracket **FOR SWING GATE MOTORS**



- Made of surface-treated steel plate;
- Designed to make installing up-and-over operators easier, allowing adjustment (slotted and drilled rod and base).



Mounting Bracket **FLEX BASE**

- For residential and semi-industrial sliding-gate operators;
- Easy installation (eliminates the need to build a masonry base to adjust the gear-to-rack alignment);
- Allows height adjustment from 80 to 150 mm;
- Ideal for uneven floors;
- Universal drilling pattern for various types of operators;
- Made of rust-treated steel plate;
- Includes two reinforcement brackets.

ACCESSORIES

for Operators



- Marks the center of the mounting base, making installation easier (distance from the pivot point to the gate axis).
- Holes in the mounting base to make installation on aluminum gates easier (no welding).
- Relief for engaging and manually releasing the arm and the drive-nut pin.
- Padlock fitting.

Mounting Bracket fix
**FOR OVERHEAD
MOTORS**



- Splined fitting for social-door shafts (Giro and Spin)
- Adjustable arm length (for installations where the machine is set back from the door frame)
- Bearings in the hinges
- Steel travel-limit stop for adjustment
- Articulated mounting tip

GIRO E SPIN
Articulated Arm

ACCESSORIES for Operators

BASE FIX FLEX Mounting Bracket

- For residential and semi-industrial sliding-gate operators;
- Easy installation (eliminates the need to build a masonry base to adjust the gear-to-rack alignment);
- Allows height adjustment at 30, 50, 70 and 100 mm;
- Ideal for uneven floors;
- Universal drilling pattern for various types of operators;
- Made of rust-treated steel plate;



PRF WITH AND WITHOUT FILTER

- Surge protector and electromagnetic-interference filter;
- Rated operating voltage: 127V or 220V (set at purchase);
- Maximum current: 10A;
- Common-mode and differential-mode

RACKS for Operators



LIGHT-DUTY RACK WITH STEEL ANGLE BAR

Rack for sliding gates, for alternating or continuous cycles



POP (PRETA)



SILVER



GOLD (NYLON NATURAL)



CREMALHEIRAS for Operators



LIGHT-DUTY RACK WITH ALUMINUM ANGLE BAR

Rack for sliding gates, for alternating or continuous cycles.



BRANCA



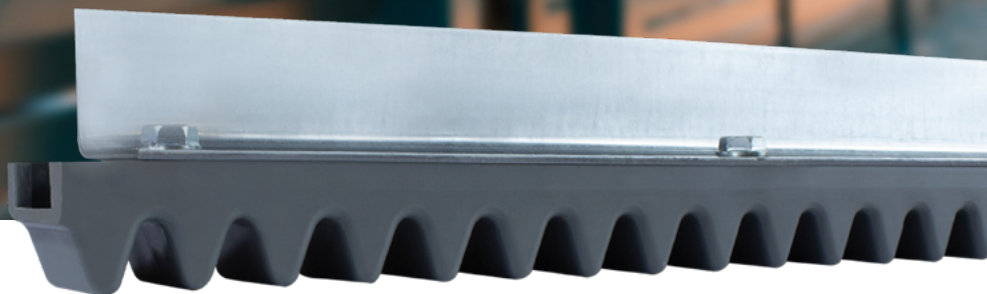
PRETA



BRONZE



Industrial RACKS



INDUSTRIAL LINE WITH STEEL ANGLE BAR

SILVER

Steel angle bar, which ensures quality and durability, with attractive cost as its main benefit.



GOLD (NATURAL NYLON)

With a new, more reinforced fastening (hex bolt) and interlocking connection between segments.



ACCESSORIES

for Operators



Receiver **RX-500**

- Memory for 500 remote controls; - Fixed code or PPA Safe Code;
- Programming button; - Indicator LED;
- Power and motor-communication input via a 4-wire cable.

Receiver **RX-500R**

- Memory for 500 remote controls;
- Fixed code or PPA Safe Code;
- Power supply: 12 VDC;
- Pulse or hold configuration;
- Programming button;
- Indicator LED;
- Push-button input;

Receiver **RX-500F**

- Memory for 500 remote controls;
- Fixed code or PPA Safe Code;
- Power supply: 90–240 Vac, 50/60Hz;
- Pulse or hold configuration;
- Programming button;
- Indicator LED;
- Push-button input;
- Output: 12V / 100mA;
- N.O. dry contact.



UPS for Operators



VOLT GATE UPS

- Wall-mounted PPA UPS for gate operators;
- 2 x 12V/7Ah batteries;
- Keeps the operator running during a power outage;
- Reduces the equipment's power consumption when running on battery;
- Has a stabilizer to compensate for mains voltage fluctuations.



VOLT GATE IND UPS

- Wall-mounted PPA UPS for industrial gate operators;
- 1 x 12V/45Ah battery;
- Keeps the operator running during a power outage;
- Reduces the equipment's power consumption when running on battery;
- Has a stabilizer to compensate for mains voltage fluctuations.

UPS for Operators



VOLT GATE SENOIDAL UPS

INPUT

- Rated input voltage: dual voltage (selectable);
- Voltage range: (95V–140V) (190V–240V);
- Frequency: 60Hz;
- Recommended minimum stationary battery capacity: 45Ah;
- Maximum built-in battery-charger current: 3A; - Battery-charger output voltage: 27.6V;
- Input fuse rating: 15A;
- Battery fuse rating: 90A;
- Resettable 15-amp circuit breaker;
- 10-amp three-core power cable.

OUTPUT

- Rated peak power: 500W (800VA);
- Power factor: 0.625;
- Selectable rated output voltage: 127V/220V;
- Voltage regulation: +10% / -10%;
- Transfer time: 20 ms.

BATTERIES

- Connector for external batteries: compression terminal, 6mm hole;
- Bus: 24V.

UPS for Operators



VOLT GATE IND SENOIDAL UPS

INPUT

- Rated input voltage: dual voltage (selectable);
- Voltage range: (95V–140V) (190V–240V);
- Frequency: 60Hz;
- Maximum built-in battery-charger current: 3A;
- Battery-charger output voltage: 27.6V;
- Input fuse rating: 15A;
- Battery fuse rating: 90A;
- Circuit breaker: resettable, 15 amps;
- 10-amp three-core power cable. Rated input voltage: dual voltage (selectable);

OUTPUT

- Rated peak power: 1000W (1600VA)
- Power factor: 0.625;
- Selectable rated output voltage: 127V/220V;
- Voltage regulation: +10% / -10%;
- Transfer time: 20ms.

BATTERIES

- Connector for external batteries: compression terminal, 6mm hole;
- Bus: 24V.

RACKS for CCTV



VERTICAL Recorder Rack

- Available in two sizes;
- Suited to indoor environments, for housing and protecting electronic equipment and accessories;
- Ideal for CCTV projects;
- Sturdy galvanized-steel structure - Cable routing at top, bottom and sides;
- Security locks - Electrostatic epoxy powder coating;
- Available in white and black.

RACKS for CCTV



HORIZONTAL Recorder Rack

- Indoor cabinet for housing and protecting electronic equipment and accessories, in 19" standard;
- Ideal for Networking, Telecom and CCTV projects;
- Steel construction;
- Allows cable routing at both the top and bottom;
- Security locks;
- Electrostatic epoxy powder coating;
- Ideal for small Networking, Telecom and CCTV projects;
- Available in black and white;
- 3U — 170 height x 370 depth x 500 width;
- 5U — 270 height x 370 depth x 500 width;
- 7U — 390 height x 370 depth x 500 width;

ACCESSORIES

for CCTV

BOX Organizer

- Ideal for organizing wires and cables; - Protects connectors, baluns, plugs and boards;
- Excellent for use in a wide range of situations;
- Smart closing system;
- Sealed and high quality - Water- and dust-resistant;
- High-strength, UV-protected ABS plastic;
- External dimensions: 111x111x66mm (W x H x D).



180° Organizer

- Ideal for organizing wires and cables;
- Protects connectors, baluns, plugs and boards;
- Excellent for use in a wide range of situations;
- Smart closing system;
- Splash-resistant;
- High-strength, UV-protected ABS plastic;
- External dimensions: 88x88x51mm (W x H x D).

ACCESSORIES

for CCTV

90° Organizer

- Ideal for organizing wires and cables;
- Protects connectors, baluns, plugs and boards;
- Excellent for use in a wide range of situations;
- Smart closing system; - Splash-resistant;
- High-strength, UV-protected ABS plastic;
- External dimensions: 88x88x51mm (W x H x D).



ACCESSORIES

for CCTV

SS 400 Charging Power Supply

- Works as a power supply for electromagnetic locks;
- 12V output;
- UPS (no-break) function;
- Output current: 3A or 6A;
- Float battery charger.



SS 400 T Charging Power Supply

- Works as a power supply for electromagnetic locks;
- 12V output;
- UPS (no-break) function
- Output current: 3A;
- External push-button activation;
- Float battery charger;
- Adjustable activation time: 0–60 seconds.

ACCESSORIES

for CCTV

Vídeo Balun 4X1

- Compatible with AHD | HDCVI | HDTVI cameras;
- Transmission signal: 720P/1080P;
- Compatible with UTP CAT 5/5e/6 cabling;
- Transmission distance: AHD-250M | HDCVI-200M | HDTVI-200M | CVBS-500M;
- Passive, requires no power;
- Protection against shock, lightning and noise.



Vídeo Balun 4X1 5MP

- Compatible with AHD | HDCVI | HDTVI cameras;
- Transmission signal: 720P/960/1080P/3, 4 and 5MP;
- Compatible with UTP CAT 5/5e/6 cabling;
- Transmission distance: AHD-400M | HDCVI-400M | HDTVI-300M | CVBS-300M;
- Passive, requires no power;
- Protection against shock, lightning and noise.





APPS AND SOFTWARES

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APPS and Softwares

PPA PRO

PPA PRO is the tool built for you, our installer partner, to win more customers, work faster, professionalize your business and keep it organized. With PPA PRO you can:

- Send quotes to your customers quickly and easily;
- Organize your schedule and make your day more productive;
- Buy securely from your nearest distributor and never miss a sale;
- Enjoy more convenience with all PPA product information on your phone, like a pocket manual.



CONTATTO

- Register one or more Contacts;
- Trigger the Alarm Panel/Electric Fence/Gate from anywhere:
- Gate: open and close;
- Alarm: arm and disarm;
- Electric Fence: arm and disarm;
- Receive control-panel status notifications:
- Gate: open and closed.
- Alarm: armed, disarmed and triggered;
- Fence: armed, disarmed and breached
- Configure the Contatto Wi-Fi.

APPS and Softwares



PPA CCTV

- Real-time image viewing.
- SD and HD viewing modes.
- Digital zoom.
- Connection via IP, domain and P2P.
- Grid view: 1 camera, 4 cameras, 9 cameras and 16 cameras.
- Photo function: saves an instant snapshot of the view to the app's photo album.
- Recording function: makes an instant recording of the view to the app's video album.
- Photo and video album allows viewing images and sharing them via email, WhatsApp, and more.
- Remote playback of recordings.
- PTZ control for motion, zoom and focus control of cameras with these features.
- Two-way audio, allowing you to hear and speak with equipment that has these features.
- Equipment alert notifications sent directly to your smartphone.
- Remote configuration of equipment settings.



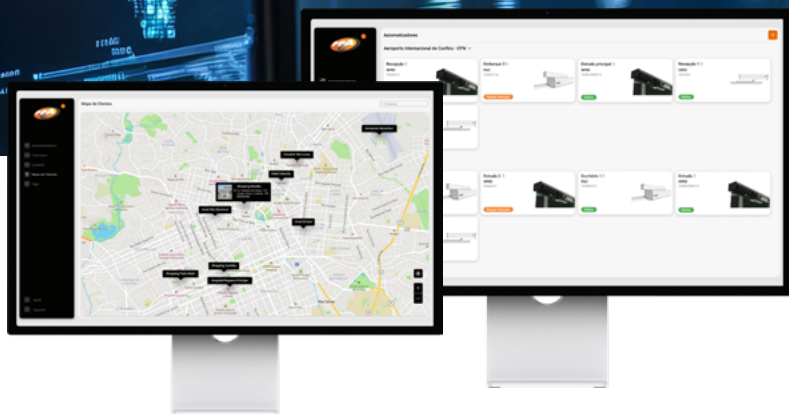
APPS and Softwares

ACCESS CONTROL WEB Integration Solution

- Multiple simultaneous operators;
- Handles up to 200 access points;
- Allows release via the software;
- Card expiration;
- Can be accessed remotely;
- The software automatically detects all controllers connected to the network;
- Reports of all accesses;
- User and parking-space (vacancy) control;
- Panic alert;
- User-friendly interface, fully in Portuguese;
- CCTV integration (requires a paid license).



APPS and Softwares



OPERATOR MONITORING Integration Solution

The Operator Management and Monitoring system represents the market's leading edge in supervision, corrective and preventive maintenance, and remote configuration of PPA door and gate operators. Through this system, it is possible to monitor operator performance in real time, enabling detection of potential faults and fast, efficient maintenance. In addition, the remote-configuration feature enables precise, customized adjustments to meet each customer's specific needs.

- Interface: Compatible with PPA control panels via the CONNECT protocol;
- Connectivity: Communication via Wi-Fi, Ethernet or 4G;
- Analytics: The system uses advanced algorithms to analyze the collected data and generate useful analytical information. This can include statistics on the number of accesses, usage patterns, peak times, and average gate opening/closing time, among others.
- Status and fault monitoring: The system can monitor the status of automatic doors and gates in real time. It can detect faults such as motor malfunction, damaged sensors, obstructions, and more.
- Access monitoring: The system logs every access, including date, time, user identification (where applicable) and any other relevant information. This data is stored in the cloud system and can be used for later analysis.
- Integration: The system can be integrated with other remote-management solutions, such as video-surveillance systems, monitoring systems, remote gatehouses, and more.

APPS and Softwares



ASSET MONITORING

Integration Solution

An Asset Monitoring platform specialized in the remote monitoring of equipment and assets, providing a targeted solution for managing and inspecting devices that require supervision of temperature, vibration, mains power, energy consumption and other types of sensing. Customizable dashboards and configurable sensor inputs make it possible to remotely monitor a wide variety of equipment and assets, such as distribution panels, air-conditioning units, compressors, and telephone, internet and communication racks.

- Automatic dual-voltage power supply;
- Communication via Ethernet and 4G;
- Operates on a 12V DC battery;
- Sensor inputs for 4-20 mA, with options for parameterization and unit customization;
- Dedicated input for a temperature sensor;
- Real-time notifications, with alerts and service-ticket management;
- View the installed equipment fleet on a geolocation map;
- Customizable dashboards and web interface for various measurements and applications.

APPs and Softwares



MANAGEMENT PLATFORM SOLD SEPARATELY

MULTICOM Integration Solution

The Multicom Hardware Interface was designed for control and telemetry applications, offering convenience and high performance in data collection and transmission. The device has 2 digital inputs and 2 analog inputs, allowing the connection of sensors and external devices of different kinds.

Connectivity is broad, with support for Wi-Fi, Ethernet and 4G, ensuring stable communication on both local and remote networks. It also has an internal buffer/memory for temporary data storage, ensuring greater reliability even in the event of connection failures. Remote configuration makes installation and management simple and secure, providing speed in operation and maintenance.



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