



Be ahead



# ICARO VELOCE SMART AC A1000





## Sliding gate automation systems



Encoder



Oil Gear



U-Link



rolling code



d-track



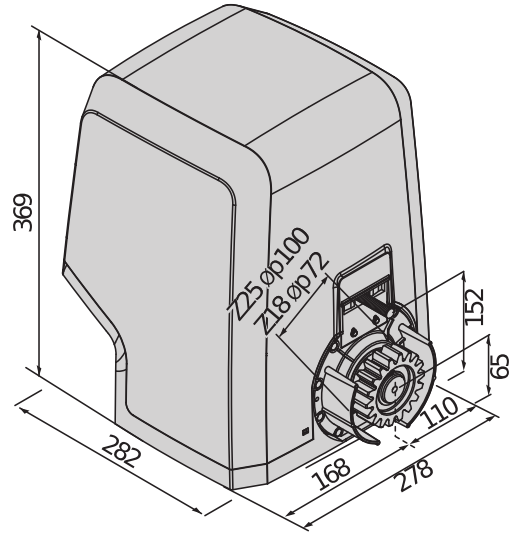
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ee link



Empowered by  
**U-LINK**



230 V operators for sliding gates for very intensive use, extremely sturdy and high-performance thanks to oil bath transmission. Speed without load 25 m/min. Control of torque via D-track technology and absolute encoder for maximum precision of movement. Control unit provided for communication with U-link protocol and with tamper-proof function. Operator with electromechanical limit switch. The control unit ensures complete safety thanks to the exclusive torque control system that makes these operators comply fully with the current European standards.

### Relevant features

#### **VELOCE**

**Speed:** The fast opening of the ICARO VELOCE SMART AC A1000 reduces waiting times, allowing quicker access, particularly useful for commercial and industrial sites.



#### security

**Security:** The fast operating speed means that the ICARO VELOCE SMART AC A1000 closes quickly, reducing the risk of entry by unauthorised people.






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### Relevant features

 **U-LINK** **U-Link:** The ICARO VELOCE SMART AC A 1000 operator is compatible with the U-Link communication protocol, through the integrated LEO B CBB control panel.

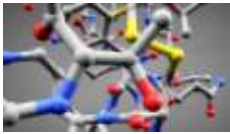


**D-Track dynamic path tracking:** smart torque management system that constantly updates the gate torque level, improving the safety of the maneuver regardless of weather conditions, temperature or the degree of wear of the system.

## d-track



**Oil Gear:** Oil bath gearbox unit. The component gears of the transmission are immersed in an oil bath to ensure perfect lubrication throughout their service life.



**Technopolymers:** The combined use of metal and plastic-technopolymer gears provides the perfect engagement between the surfaces, allowing for reduced friction and the highest levels of reliability in intensive use.



**Personalised key:** The lever release makes it easy to release the motor and the personalised key is unique, providing increased security.



**Screws on the front:** By putting the fastening screws on the front of the casing, installation and maintenance are easier and more convenient, even in confined spaces.

### ADVANTAGES

Control unit arranged for communication with U-link protocol and tamper-proof function. Operator with absolute encoder and torque management with D-track system.







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## ICARO VELOCE SMART AC A1000

Code	Name	Description
P925256 00002	ICARO VELOCE SMART AC A1000	 230V operator for sliding gates weighing up to 1,000kg with absolute encoder. Gate panel speed 25 m/min. Electromechanical limit switch. With mechanical safety clutch, manages torque using D-Track technology and oil bath gearbox. Control unit for communication with U-Link protocol and with tamper-proof function. 

### LEO B CBB SV: Incorporated control unit for one 230V operator for sliding gates

#### LEO B CBB SV - Built in



- Incorporated control unit for one 230V operator for sliding gates
- Application: built-in control unit for one 230V operator for sliding gates
- Card power supply: 230 V single-phase
- Operator power supply: 230V 750W
- Main features: removable terminal blocks with new standard colour-coding, simplified scenario-based programming with display, incorporated dual channel receiver, D-Track anti-crushing system, slowdown during opening and closing
- Main functions: automatic re-closing, fast closing, pedestrian opening

	ICARO VELOCE SMART AC A1000
Control unit	LEO B CBB SV
Board power supply	230 V
Supply voltage	230 V
Power consumption	750 W
Pinion module	4 mm (25 teeth)
Gate speed	25 m/min
Max. door/gate weight	1000 kg
Max torque	40 Nm
Impact reaction	BK2 safety edge (not supplied)
Locking	Mechanical
Manual cycle	Mechanical release with lever
Frequency of use	very intensive
Protection rating	IP24
Environmental conditions	-15 ÷ 55 °C

## RECOMMENDED ACCESSORIES

 <p>D571054 - <b>CFZ</b></p> <p>galvanized steel rack, 4-module, cross-section 22 x 22 mm, length 2 m, welding Max. load capacity 2000 kg.</p>	 <p>N999156 - <b>SFI</b></p> <p>Base plate for ARES and ICARO (supplied with operator)</p>
 <p>P125018 - <b>THEKE B PRA 01</b></p> <p>Metal protection box for ARES and ICARO series sliding operators</p>	 <p>P111468 - <b>B EBA RS 485 LINK</b></p> <p>Expansion board for connection of central units with serial controls management</p>





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## RECOMMENDED ACCESSORIES

	<p>P125035 - <b>SL BAT2</b></p> <p>Emergency battery kit for Deimos BT A, Ares BT A, Deimos Ultra BT A, Ares Ultra BT A.</p>		<p><b>new</b> R920110 - <b>CSR99 20</b></p> <p>Kit for 8k2 resistive safety edges, length 2 metres, with 99 mm-high EPDM rubber strip, aluminium section, 2 contact terminals, 2 caps, 1 x 8.2 kOhm resistance connector and connection cable.</p>
	<p><b>new</b> R920111 - <b>TRWB</b></p> <p>Wireless transmission system for resistive safety edges comprising transmitter and receiver.</p>		<p><b>new</b> P125050 - <b>TWB</b></p> <p>Wireless transmitter for resistive safety edges.</p>
	<p><b>new</b> D114093 00002 - <b>RADIUS LED AC A R1</b></p> <p>Flashing light with incorporated antenna for motors with power supply 230 V.</p>		<p><b>new</b> D114094 00002 - <b>RADIUS LED AC A R0</b></p> <p>Flashing light without incorporated antenna for motors with power supply 230 V.</p>
	<p><b>new</b> P111782 - <b>COMPACTA A20-180</b></p> <p>Pair of photocells adjustable 180 ° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc</p>		





Sliding gate automation systems



## What is U-Link?

The technology that gives you more power

U-Link, Universal Link, is an exclusive BFT platform that can be used to create high-tech ecosystems. In Home Access Automation, it can be used to communicate with all home access automation devices of any brand. This saves you time and allows you to control everything easily and without any worries.

### It is intuitive

Easy to install and to use

### It is scalable

You can add as many devices as you want

### It is flexible

It allows you to create groups of interconnected products

### It is practical

Works with or without an internet connection

### It is functional

Its settings can be controlled remotely using dedicated applications



## Sliding gate automation systems



## Everything on one screen: find out more about this amazing technology

A world-exclusive platform that **can be used to create high-tech ecosystems** offering a vast range of solutions for many different sectors.

This proprietary platform which is a key feature of BFT products, thanks to the B-EBA cards and the Clonix U-Link receiver, is suitable for any protocol or product for access automation (including BFT products non-BFT ones and older versions) and it can be used in a variety of different sectors. This means any device becomes a smart device which can be interconnected with other systems, using a language that is becoming universal.



### U-Control HOME

U-Control HOME is the application that allows you to open the gate to your home and to remotely control BFT automations using your own smartphone. The iOS version can be used to automatically open the automation when you are close to it.



### U-Base 2

A software package for installation, performing maintenance and identifying any faults in the U-Link compatible operators, easily and conveniently.



### U-SDK

U-SDK is the application which allows BFT automations to be made compatible and easily integrated with a BMS network.



### Clonix U-Link

Connect non-native U-Link and non-BFT products to U-Link systems.

Is it possible to connect non-native U-Link BFT operators or other brands of products to U-Link? Yes, thanks to the Clonix receivers. Accessories which accept no limits.



### B-EBA

A direct link to your operators.

The B-EBA expansion cards make it possible to connect external devices such as PCs, smartphones and tablets to a BFT operator and a Clonix receiver or to connect multiple BFT products in a U-Link network. These accessories integrate with U-Link technology and with Bluetooth, Wifi, Z-Wave and TCP/IP protocols as well as with the RS485 serial interface. A device that demonstrates exactly what BFT means by interconnectivity.

