ZLX24

THE ULTIMATE CONTROL BOARD.

24V SWING GATE GEARMOTORS

CAME

ZLX24 is the universal control board that manages all the range of 24V motors for **SWING GATES**.

ZLX24
FEATURES

- **CONNECT TECHNOLOGY** for the digital management of the automation both locally or remotely.

- **EQUIPPED WITH ADVANCED ELECTRONIC FUNCTIONS** for a smarter installation, ZLX24 features ADAPTIVE SPEED AND TORQUE TECHNOLOGY, VIRTUAL ENCODER and SMART MOVEMENT CONTROL

- **MULTIPLE CONNECTIONS MODE** for command and safety accessory, with CXN BUS technology, RIO wireless system and traditional and resistive inputs.

- **DESIGNED FOR EASY FIXING AND CABLING** thanks to innovative mechanical and electronic solutions

- **AVAILABLE IN 2 VERSIONS:** ZLX24SA and ZLX24MA

COMPATIBILITY

STRAIGHT ARM 24V GEARMOTORS

ATS	ATI	AXO	AXI
801MP-0070 801MP-0080 801MP-0110	001A3024N 001A5024N	001AX3024 001AX5024	801MP-0030 801MP-0040

ARTICULATED ARM 24V GEARMOTORS

FTX	FAST 70	FERNI	STYLO
801MB-0050	001FA7024 801MB-0100	001FE4024 001FE4024V	001STYLO-ME 001STYLO-RME

UNDERGROUND 24V GEARMOTORS

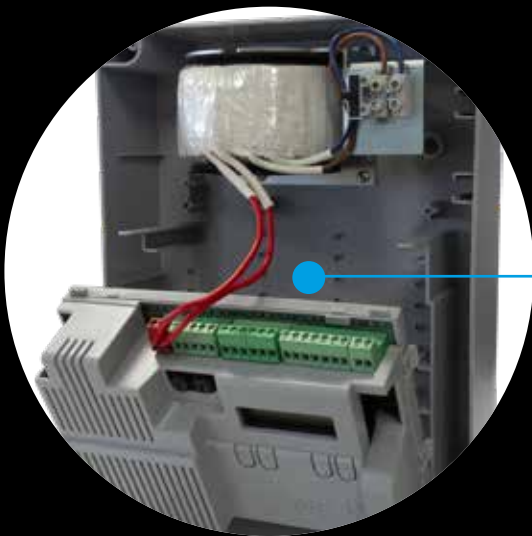| FROG |
|---|
| |
| 001FROG-A24
01FROG-A24E |

ACCESSORIES

CAME command and safety accessories are compatible with ZLX24 control board

ZLX24SA

THE MOST COMPLETE AND HIGHLY-PERFORMING

With GRAPHIC PROGRAMMING DISPLAY which shows complete information and allows installer to perform configuration and setting reading full text menu items, as well as following the smart guided procedure.
Equipped with CLOCK function that allows to configure up to 8 different time bands and up to 16 special days.

MAIN TECHNICAL FEATURES

- 4 Settable safety inputs

- CNX BUS inputs

- Output B1 - B2

- RIO System 2.0

- CAME KEY and Gateway slot

- Adaptive Speed and Torque Technology

- Virtual Encoder management

- Clock module

- 1000 users

- PCB plastic cover

801QA-0060 OPTIMIZED BOX

The layout of the box has been engineered in order to allow the storage of different accessories, with no need for additional external units:

- Battery pack (2 x 12 V - 1,2 Ah)

- Battery charge module

- Proloop detector (SMA)

- RGSM Module

ZLX24MA

THE COMPACT VERSATILE VERSION

With 7 SEGMENTS PROGRAMMING DISPLAY and compatible with different wiring technologies (traditional or CXN BUS).

Small in size, large in performances, ZLX24MA is the perfect solution for an easy and fast installation, without compromises on functions and connectivity.

801QA-0050 OPTIMIZED BOX

The layout of the box has been engineered in order to allow the storage of different accessories, with no need for additional external units:

• Battery charge module

• RGSM Module

or

• Proloop detector (SMA)

• RGSM Module

MAIN TECHNICAL FEATURES

• 2 Settable safety inputs

• CNX BUS inputs

• RIO System 2.0

• CAME KEY and Gateway slot

• Adaptive Speed and Torque Technology

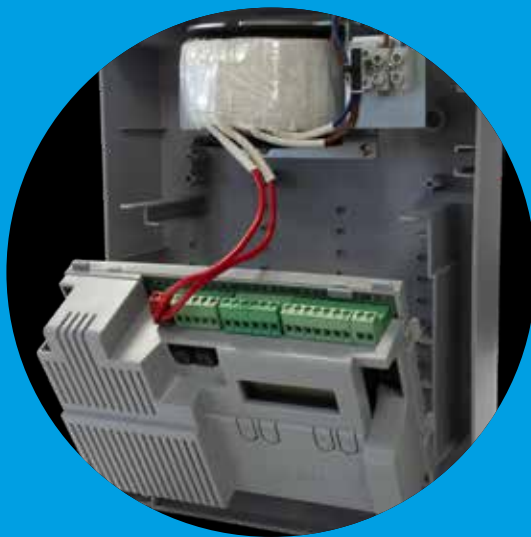• Virtual Encoder management

• 250 users

AT THE SIDE OF INSTALLERS

CAME R&D department has developed two special solutions for helping installers during installation and letting them work in a safer and quicker way.

EASY FIXING

The plastic box is equipped with a **DIN** bar hanger system.
No need for fixing templates or precise measuring.
It's enough to fix the DIN bar on the wall and to hang the box on it.
A single screw on the bottom of the box ensures perfect stability.

At the same time the box has been developed for perfectly match the existing fixing holes of the other CAME panels, **in case of replacement.**
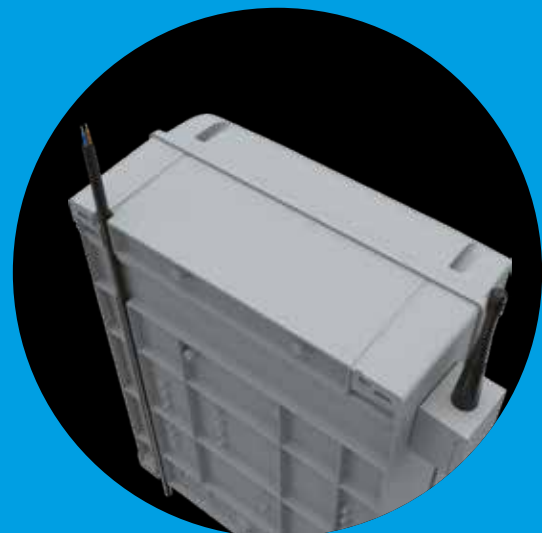
HANDY CABLING

The control board has been mounted on a tilting and removable base so that, when installing the box on the wall, all the cables can be freely arranged. The detached control board can then be hanged on the box for cabling in a revolutionary comfortable position, and thanks to this solution, all the space under it is available for storing and letting cables run. Only after having connected all the wires, the control board can be fixed in place.

OUT OF WALL CABLES

In case of installations with cables outside of the wall or even if it's needed to place an external antenna cable, the new boxes have been designed with a special rear groove that allows the passage of several cables from beneath and from above the box.

MOTORS
SETUP

Specific installations should require advanced configurations such as setting separately the parameters related to the different motors on the two wings. ZLX24 allows installers to perform this operation in an easy way, in case of leaves with different dimensions or different opening angles. At the same time, this innovative control board allows to drive two different models of motors. For instance one STYLO on a pedestrian leaf together with one FROG on a large gate.

ACCESSORIES
CONNECTION

ZLX24 is the perfect solution for installation where several safety inputs need to be configured in different ways. This innovative control boards connects with CXN BUS or traditional accessories and it is equipped with 4 safety inputs (2 for the standard version) which can also be set as resistive inputs. Wireless connection is also available through RIO System accessories, for installations where masonry work can not be carried out.

SCHEDULED
MAINTENANCE

A signal can be set to notify when a determined number of manoeuvres has been reached. This allows installer to schedule maintenance and to easily check the status of the automation. The display shows the overall number of manoeuvres performed by the automation, as well as the partial number of manoeuvres carried since the last maintenance work.

ZLX24 can be locked using a 4-digit password, so that unauthorized people can not access the control board functions and to ensure that only approved professionals can perform configurations and maintenance.

ADAPTIVE SPEED
AND TORQUE TECHNOLOGY

For all motors equipped with Encoder, efficiency and low maintenance costs are granted thanks to a continuous torque adaptation. The control board manages, instant by instant, the running speed, acceleration and deceleration ramps, as well as the absorbed current. The Adaptive Torque Control constantly evaluates weight and friction to detect obstacles and to keep the speed at the set level. This means that the motor is always updated to possible friction variations and performs regularly at any latitude, with any weather conditions.
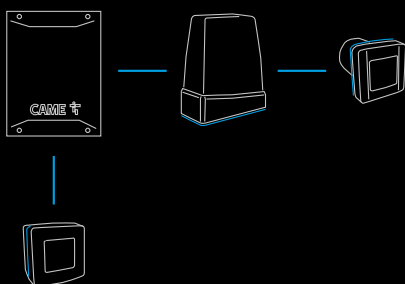
VIRTUAL ENCODER

For all motors without Encoder, ZLX24 ensures performance, safety and precision in all manoeuvres phases, thanks to the possibility to manage the same parameters available on a motor with Encoder, setting the torque and the obstacle detection.
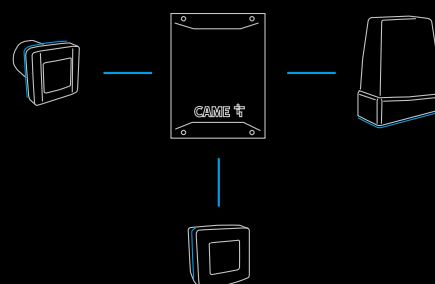
SMART MOVEMENT CONTROL

Advanced functions have been developed to let installers work in a smarter mode. It's not necessary to set leaves deceleration manually, thanks to a completely automatic procedure.
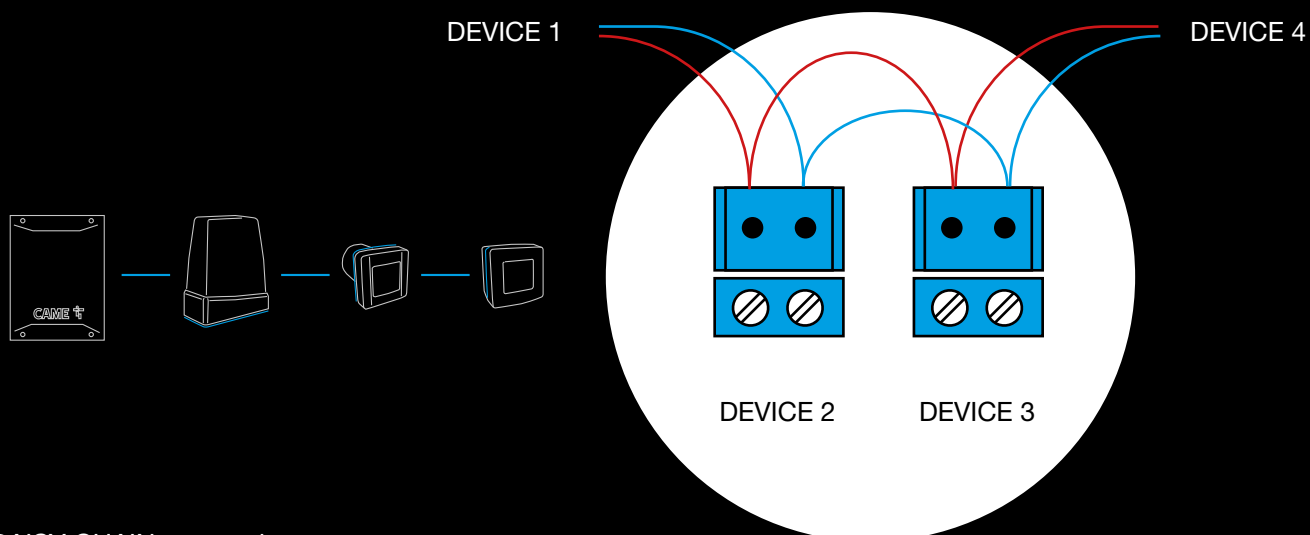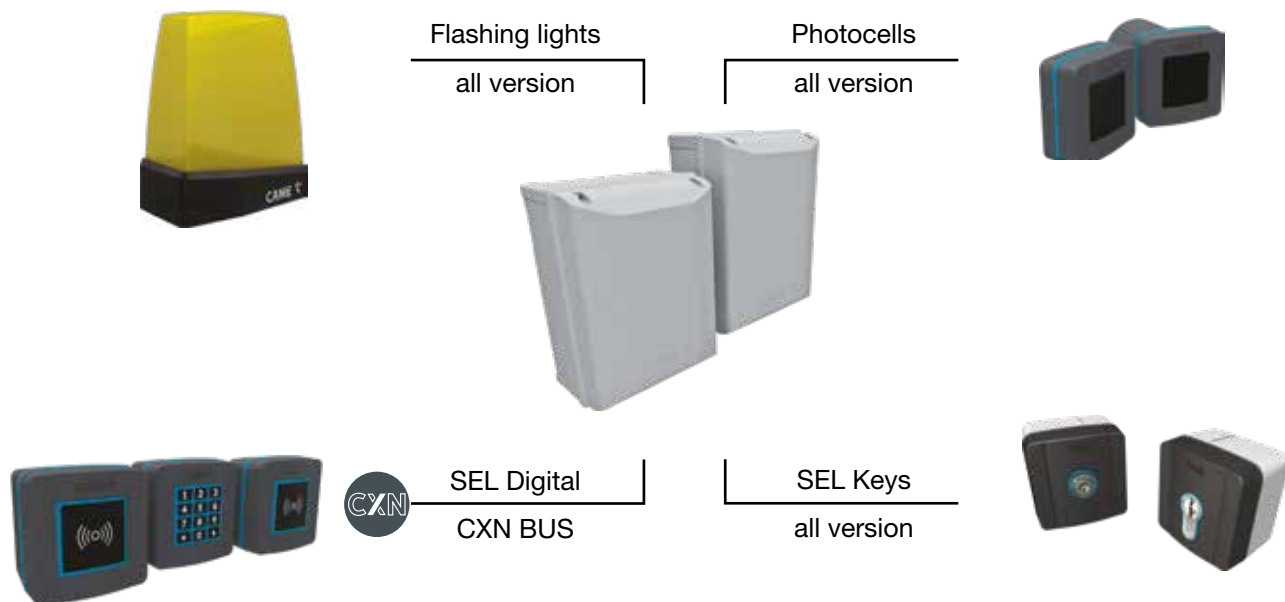
CXN
BUS CONNECTIONS MODE

MIXED connection

STAR connection

PROGRAMMING IS TWICE
AS CONVENIENT

ZLX24 provides inputs for the connection to both traditional control and safety devices and to CXN BUS devices, to let installer connect all accessories in a new quicker way.
It also allows to get a feedback from each accessory, thanks to the auto-configuration function.

The control board allows the connection of:

• up to 8 pairs of photocells

• 2 flashing lights

• 7 command selectors (keyboards, transponders and key selectors).

Flashing lights — all version

Photocells — all version

CXN — SEL Digital — CXN BUS

SEL Keys — all version

DEVICE 1

DEVICE 4

DEVICE 2   DEVICE 3
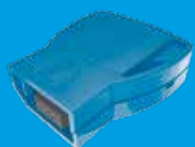
DAISY CHAIN connection

C🌐NNECT

CONNECT
TECHNOLOGY

These innovative control board can be configured using a standard manual procedure, as well as using the CONNECT technology for local or remote management. The direct plug can be used for connecting the CAME KEY or CAME Gateways for a complete range of additional functions.

CAME GATEWAYS

ZLX24 is designed for housing the new series of quick-plug gateways for the connection to CAME Cloud. Different models are available in order to provide the best solution for each installation.

- Wi-Fi GATEWAY for the direct connection to any existing Wi-Fi router.

- SLAVE MODULE that paired to a radio gateway or a GSM gateway, enables the wireless connection to Internet.

Slave module :
806SA-0150

Gateway Wi-Fi / Bluetooth :
806SA-0140

CAME KEY

It is the local Wi-Fi interface that allows you to manage configuration using a smartphone or tablet with no need for an Internet connection. All you have to do is to plug CAME KEY into the control board and to download the free CONNECT SETUP App.
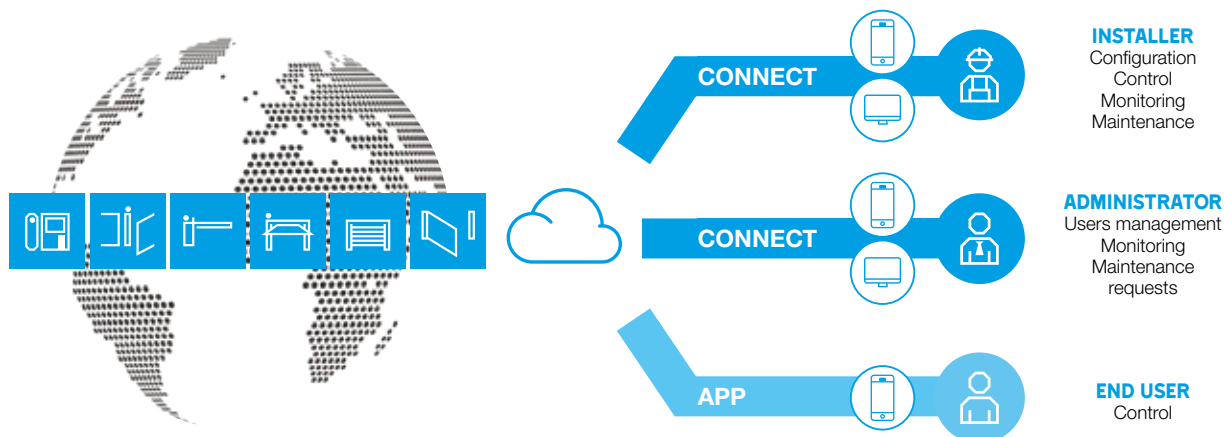
Connected to your smartphone or tablet, CAME KEY allows the fast configuration of the automation, the management of transmitters and the fast configuration of them through QR code, firmware updates, local or cloud back-up of the keypads code configuration,
and much more.

Discover more on
CAME.COM/CAMEKEY

CONNECT is the CAME technology that allows to manage automations that improve the quality of life. The automations connected over the Internet offer added value for the user and open up new horizons for the installer's business.

CAME has chosen to develop internally the technologies necessary to manage data flow and protection. No external agency processes the information, no server is located in remote locations around the world. An innovative technological heart, to ensure high security and reliability. CAME has invested in research and development with the aim of simplifying the installer's work, improving user experience and offering new digital services.

CONNECT AT THE INSTALLER'S AND ADMINISTRATOR'S SERVICE

Connected automations can be managed remotely via PC or smartphone.
The CONNECT platform enables the automatic programming of transmitters, the management of customers and systems installed, the status of devices and scheduled maintenance.
CONNECT allows the installer to offer a complete 24/7 service becoming the trusted partner for his customer.

CONNECT AT THE END USER'S SERVICE

Through the free Apps that can be installed on any Android or iOS smartphone, the user can control the devices remotely.

WEB CONSOLE
came.com/connect

SMARTPHONE APP
CONNECT SetUp

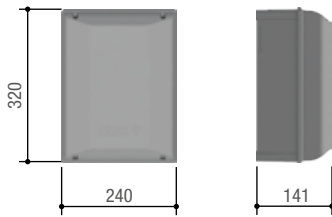**SMARTPHONE APP**
CAME Automation

CONNECT MEANS

INTERNET CONNECTIONS
via CAME gateways
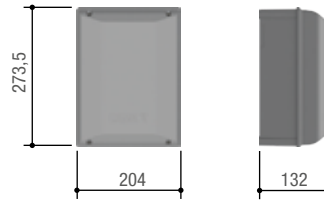
COMPATIBILITY
with new quick-coupling gateways

CONFIGURATION
and setup from smartphone
whit CAME KEY

REMOTE CONTROL
for the user through Apps

THE COMPLETE RANGE

TOP
ZLX24SA
8010QA-0060

STANDARD
ZLX24MA
8010QA-0050

FUNTIONS

MODEL	801QA-0060	801QA-0050
Settable safety inputs	4	2
CNX BUS inputs	YES	YES
Output B1 - B2	YES	NO
RIO System 2.0	YES	YES
CAME KEY and Gateway slot	YES	YES
Adaptive Speed and Torque Technology	YES	YES
Virtual Encoder management	YES	YES
Users number	1000	250
Clock module	YES	NO
PCB plastic cover	YES	NO

TECHNICAL FEATURES

MODEL	801QA-0060	801QA-0050
Protection rating (IP)	54	
Power supply (V - 50/60 Hz)	230 AC	
Operating temperature (°C)	-20 ÷ +55	
RAL color	7024	
Cabinet material	ABS	

● 24 V DC

CAME

We are a leading multinational supplier of integrated high-tech solutions for automating residential, public and urban settings, which generate intelligent spaces for the wellbeing of people.

➔ GATE AUTOMATIONS
➔ VIDEO DOOR ENTRY SYSTEMS
➔ AUTOMATIONS FOR GARAGES AND INDUSTRIAL DOORS
➔ AUTOMATIC BARRIERS
➔ PARKING SYSTEMS
➔ TURNSTILES AND SPEED GATES
➔ BOLLARDS AND ROAD BLOCKERS
➔ TEMPERATURE CONTROL DEVICES
➔ AUTOMATIC DOORS
➔ SOLUTIONS FOR AWNINGS AND BLINDS
➔ BURGLAR ALARM SYSTEMS
➔ HOME AUTOMATION SYSTEMS

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