



## **BXV PLUS**

**THE RESIDENTIAL  
MOTOR WITH  
THE MOST  
ADVANCED  
ELECTRONICS.**

**CAME** 

[CAME.COM](https://www.came.com)





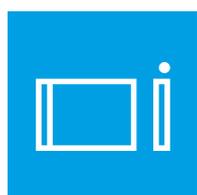
**BXV PLUS is the 24 Volt operator for sliding gates up to 1000 Kg, developed to simplify installation and configuration operations, thanks to innovative electronic functions.**



## **ALL THE POWER AND RELIABILITY OF BXV, ONE STEP AHEAD!**

The new ZBC1 electronic board provides BXV PLUS with new functions to offer even higher performance:

- Guided configuration with Auto-Setup
- Adaptive Speed and Torque Technology
- Compatibility with CXN BUS systems



# **BXV PLUS FEATURES**

- **STATE-OF-THE-ART ELECTRONIC BOARD**  
graphic display for easy set-up and maintenance.
- **COMPATIBLE WITH CXN BUS SYSTEMS**  
thanks to the inputs for the connection of accessories with non-polarized 2-wire technology, that can be used also for traditional systems.
- **ADAPTIVE SPEED AND TORQUE TECHNOLOGY**, to ensure smooth movement and constant speed in all weather conditions.
- **DEVELOPED WITH CONNECT TECHNOLOGY**, with connection slots for Wi-Fi or GSM gateways for remote management, or CAME KEY for local configuration via smartphone.
- **AUTO-SETUP FUNCTION**  
both via the display and via smartphone, with assisted quick configuration procedure available in 7 languages.
- **4 SAFETY INPUTS**  
configurable as dry or resistive contacts (8k2), to connect safety sensitive edges directly to the board.

## GUIDED PROGRAMMING WITH AUTO-SETUP

This feature reduces installation time and allows two configuration modes:

### VIA GRAPHIC DISPLAY

Directly on the control panel, following the step-by-step instructions that appear on the display, it is possible to set all the parameters for starting the automation in perfect safety.

### VIA SMARTPHONE

Thanks to the Wi-Fi connection with CAME KEY, the wireless interface that allows the user to configure the automation and set all the parameters in a practical and fast way.

Furthermore, BXV PLUS incorporates other advanced electronic functions including:

### EFFICIENT SLOWDOWN IN OPENING AND CLOSING

with smooth movement that ensures long life and constant performance over time.

### CLOCK FUNCTION

for access control of companies or public places, which allows to manage up to 8 different programs for automatic opening and closing at preset times.

### LARGER TERMINAL BLOCK AND MULTIPLE INPUTS

for connection of traditional accessories, 2-wire CXN BUS system accessories, or RIO System 2.0 wireless devices through the 806SS-0050 radio control module.



## COMPATIBLE WITH AMAZON ALEXA

Thanks to the optional Wi-Fi gateway that can be plugged directly on the electronic board, BXV PLUS can connect to any router to enable remote management.

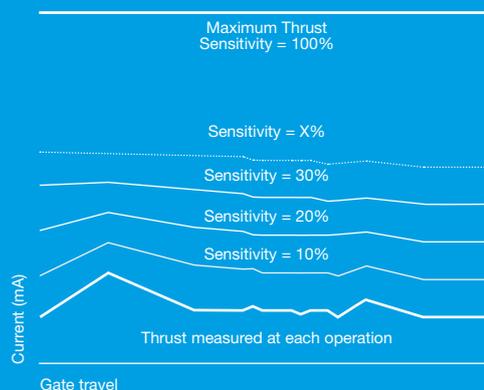
In addition to the Automation App that enables users to control the automation from a smartphone, it is also possible to use Amazon Alexa voice commands, to open and close the gate, stop it, or know its status.

## ADAPTIVE SPEED AND TORQUE TECHNOLOGY

**BXV PLUS** guarantees maximum efficiency and low maintenance costs, through its continuous torque adaptation system.

The board monitors running speed, acceleration and deceleration ramps, and current consumption at all times.

The torque adaptation system constantly evaluates weight and friction in order to detect obstacles and maintain speed at the set level.



Continuous torque adaptation allows the motor to be always updated on possible friction variations so that it can work perfectly at any latitude, in any weather condition.



## NO MORE FALSE OBSTACLES

ADAPTIVE SPEED AND TORQUE TECHNOLOGY ensures greater safety in case of obstacles, as well as the correct detection of friction problems (caused by dirt or small stones on the track) that could cause a motor block and require technical intervention.

No loss of time for the installer, great satisfaction for the customer.



## THE FIRST NATIVELY BUS SLIDING SYSTEM

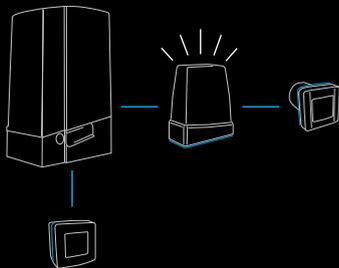
BXV PLUS is equipped with inputs for connecting both traditional accessories and CXN BUS\* accessories, allowing the installer to connect all control and safety devices in a new and faster way.

The CAME two-wire non-polarized system also allows for feedback from each accessory, thanks to the automatic configuration function.

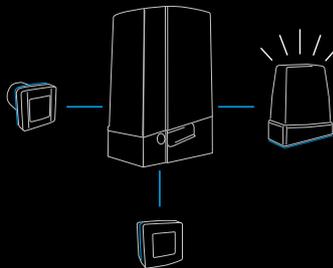
*\* keypads and transponders only CXN BUS versions*



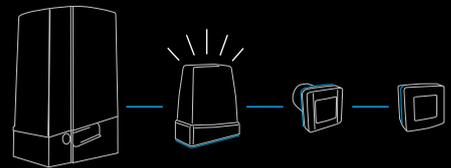
### MIXED Connection



### STAR Connection



### CHAIN Connection



## ALWAYS MORE FOR YOUR AUTOMATION

The ZBC1 electronic board supports numerous additional functions, available as additional modules, that can be connected.

### MAGNETIC LIMIT SWITCHES

Optional devices for precise start and stop in all weather conditions, specifically developed for the highest efficiency in cases of snow and ice.

### RIO SYSTEM 2.0

Wireless technology by CAME to install control and safety devices in a handy and fast way, via radio connection, or for situations where it is not possible to install cables.

### EMERGENCY BATTERIES

BXV PLUS can be equipped with batteries that guarantee correct operation even in the event of a blackout.

### TRANSPONDER AND KEYPAD SELECTORS

These control devices are connected directly to the board via CXN BUS connection.

### RSE MODULE

It is used to control two opposing gates in "paired" mode, for easy installation and adjustment of the two automations in "master & slave" configuration.

# CAME KEY

## YOUR NEW WORK TOOL

CAME KEY makes all automation installation, programming and management steps easier and faster.

By exploiting the WiFi communication between CAME KEY and smartphones, the device serves as an interface between the control board and the CONNECT SetUp APP

- Guided set up for quick and simple commissioning.
- Access to all automation parameters, which are organized by type.
- Automations management, operations and maintenance control organized by customer.
- Radio controls configuration via QR code
- Update firmware on the control board for new features.
- Configurations backup on the CAME Cloud.

... and much more!



The CONNECT SETUP app is available at:



# QUALITY FOR CAME

## IS THE GUIDING PRINCIPLE OF EVERYTHING.

BXV PLUS, like all CAME automation solutions, is the result of our smart production model that includes the digitization of each phase, integrating a complete series of tests on 100% of the products.

- Motor testing
- Gearmotor release tests
- Functional testing, with analysis of all functional parameters



SERVICE



ENGINEERING

TESTING ONE BY ONE



PRODUCTION

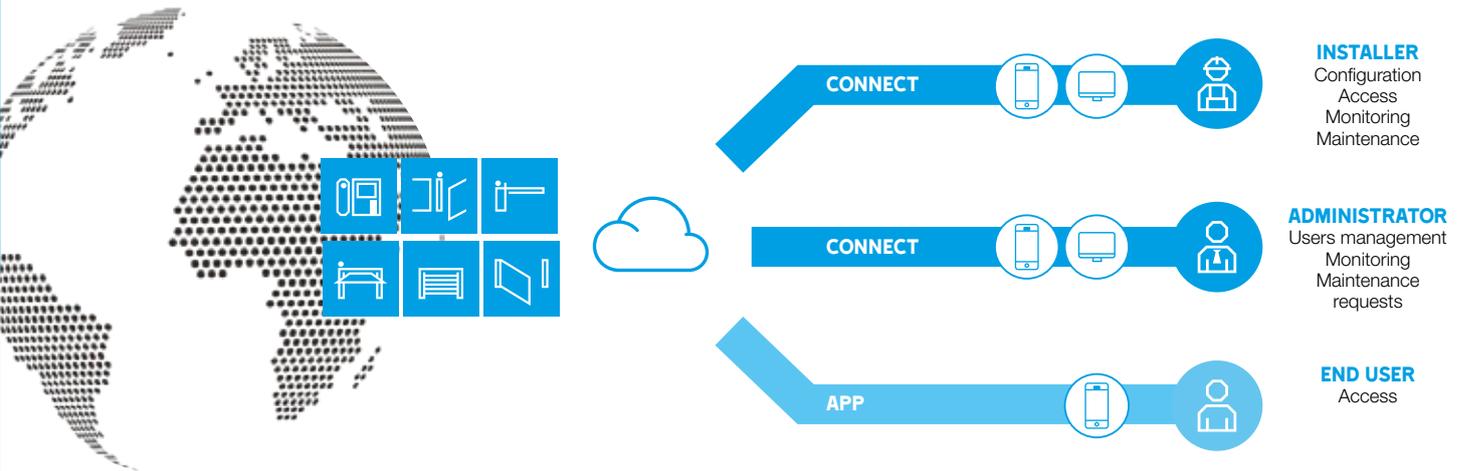


Find out more on QUALITY INSIDE  
[www.came.com/qi](http://www.came.com/qi)



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.



 **PLATFORM FOR PC**  
came.com/connect

 **SMARTPHONE APPS**  
Connect SetUp



### 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.

 **SMARTPHONE APPS**  
CAME Automation

# CONNECT MEANS

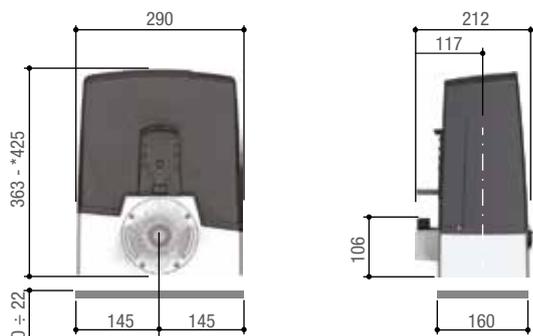
**INTERNET CONNECTION**  
via CAME gateways

**COMPATIBILITY**  
with new quick-coupling gateways

**CONFIGURATION**  
and setup from smartphone  
with KEY CAME

**REMOTE CONTROL**  
for the user through Apps

# THE COMPLETE RANGE



- \* 801MS-0570      \* 801MS-0160
- \* 801MS-0580      \* 801MS-0190
- \* 801MS-0590      \* 801MS-0250

- 4 models BXV
  - 801MS-0150
  - 801MS-0180
  - 801MS-0210
  - 801MS-0230
- 3 models BXV **RAPID**
  - 801MS-0160
  - 801MS-0190
  - 801MS-0250
- 3 models BXV **PLUS**
  - 801MS-0570
  - 801MS-0580
  - 801MS-0590

## OPERATING LIMITS

	BXV	BXV	BXV	BXV	BXV RAPID	BXV RAPID	BXV RAPID	BXV PLUS	BXV PLUS	BXV PLUS
MODELS	801MS-0150	801MS-0180	801MS-0210	801MS-0230	801MS-0160	801MS-0190	801MS-0250	801MS-0570	801MS-0580	801MS-0590
Maximum door-leaf length (m)	14	18	20	20	14	18	20	14	18	20
Max leaf weight (kg)	400	600	800	1000	400	600	1000	400	600	1000

● 24 V DC

## TECHNICAL CHARACTERISTICS

	BXV	BXV	BXV	BXV	BXV RAPID	BXV RAPID	BXV RAPID	BXV PLUS	BXV PLUS	BXV PLUS
MODELS	801MS-0150	801MS-0180	801MS-0210	801MS-0230	801MS-0160	801MS-0190	801MS-0250	801MS-0570	801MS-0580	801MS-0590
Protection rating (IP)	54	54	54	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC							
Motor power supply (V)	24 DC	24 DC	24 DC							
Maneuvering speed (m/min)	12	12	11	11	22	20	20	12	12	11
Cycles/hour	SERVICE INTENSIVE	SERVICE CONTINUOUS	SERVICE CONTINUOUS	SERVICE CONTINUOUS						
Power (W)	170	270	400	400	240	240	360	170	270	400
Thrust (N)	350	600	800	1000	250	330	450	350	600	1000
Operating temperature (°C)	-20 to +55	-20 to +55	-20 to +55							

● 24 V DC

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**CAME S.P.A.**  
Via Martiri della Libertà, 15  
31030 Dosson di Casier  
Treviso - ITALY

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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.

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- VIDEO ENTRY SYSTEMS
- AUTOMATIONS FOR GARAGES AND INDUSTRIAL DOORS
- AUTOMATIC BARRIERS
- PARKING SYSTEMS
- TURNSTILES AND SPEED GATES
- BOLLARDS AND ROAD BLOCKERS
- HEATING CONTROL
- AUTOMATIC DOORS
- SHUTTER AND BLIND SOLUTIONS
- BURGLAR ALARM SYSTEMS
- HOME AUTOMATION

