



**GARD LT4**

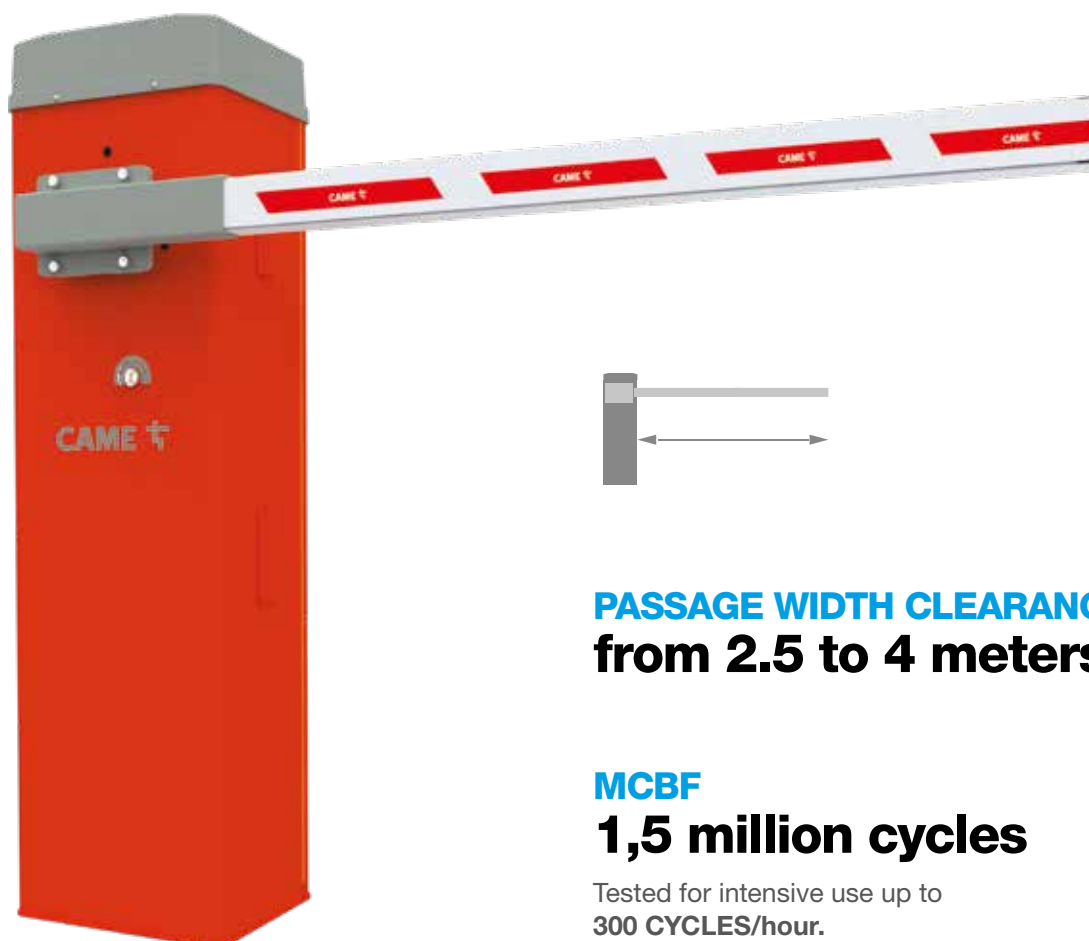
**QUALITY AT  
THE BEST VALUE**

**FOR PASSAGES UP TO 4 M**

**CAME** 

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**CAME** 



**PASSAGE WIDTH CLEARANCE**  
from **2.5 to 4 meters**

**MCBF**  
**1,5 million cycles**

Tested for intensive use up to  
**300 CYCLES/hour.**

## **GARD LT4** **FEATURES**

### **RELIABLE**

thanks to the 24 V DC motor with ENCODER and ADVANCED SPEED CONTROL for monitoring the forces applied to the boom.

### **FAST AND EFFICIENT**

with maximum speed from 2 to 4 seconds depending on the length of the boom

### **ADVANCED ELECTRONIC**

developed with CONNECT technology and MODBUS protocol.

### **SLIM AND ESSENTIAL BOOM**

with availability of additional reflector stickers.

### **SAFE**

Compliant with EN 12453, it can easily pass the impact tests.

### **CUSTOMIZABLE FINISH**

Galvanized and painted steel Cabinet (RAL 2004) as standard, also available in AISI 304 stainless steel or any other RAL colour on request.

## ADVANCED SPEED CONTROL

The modern 24V DC gearmotor equipped with Encoder implements an advanced speed management. Thanks to this innovative feature the movement is smooth and constant both when opening and when closing, without compromising the integrity of the mechanical system and the boom itself.

The control board continuously analyses the forces acting on the boom, adjusting the speed according to the parameters measured, guaranteeing durability and reliability in all climatic conditions.



## INTEGRABLE PHOTOCELLS

Photocells and control accessories, can be installed directly on the barrier cabinet, thanks to the prearranged housing.

## SINGLE BALANCING SPRING

CAME's R&D department has developed a practical variable balancing system, which allows using one single spring to be connected to the balancing lever at different predefined points.

It is therefore no longer necessary to have specific springs for the different boom lengths, but it is sufficient to operate on the hooking system.



## DOWNSIDE SKIRT

The folding aluminium skirt is available as 1721 mm modules, with rubber stopper and two connection brackets.



## ZL392-C CONTROL BOARD

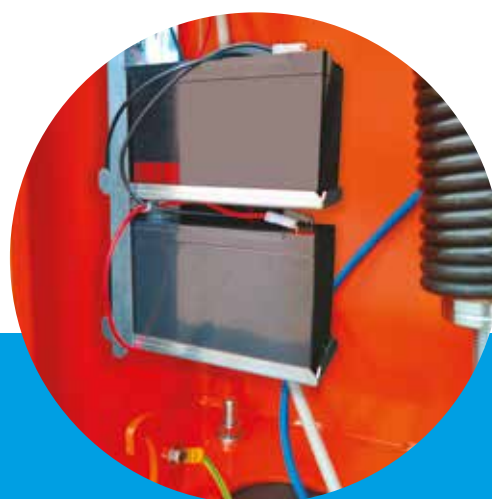
The control board is placed directly under the upper cabinet cover. All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in total safety. The advanced control board of Gard LT4 is protected by an ABS cover, and includes:

- Command inputs and inputs for safety accessories configurable both as N.C. contacts and resistive contacts (8k2).
- Output for accessories and LED strip.
- Connector for fixed code radio receiver and rolling code up to 250 users (AF435/AF868).
- Terminals for external keyboard or RFID reader (R800/R700).
- CAME KEY slot for smart configuration from smartphone.
- MEMORY ROLL for saving the configurations.
- Serial ports for CONNECT technology, for combined/interlocked barriers or Modbus protocol integration.

## BATTERY-POWERED EMERGENCY SYSTEM

In the occurrence of a blackout or in any emergency situation where an electrical problem occurs, Gard LT4 is able to operate in complete safety thanks to an auxiliary battery power supply system (optional).

During normal operation with mains power supply, the system keeps the batteries fully charged in order to guarantee maximum reliability as soon as an emergency occurs.



# BARRIER ACCESSORIES



**001G0401**  
White painted aluminum boom with end cap. Section 60 x 40 mm, boom length: 4.2 m.



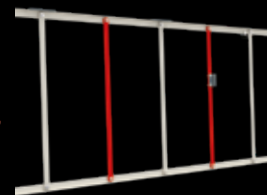
**001G0403**  
Red rubber shockproof edge with end caps.



**803XA-0580**  
White LED strips for booms up to 4-m long.



**001G0461**  
Package of 24 red, reflective, adhesive strips.



**803XA-0340**  
Painted aluminum skirt. 1720 mm module complete with junction brackets.



**001G0402**  
Tubular section boom made of white, painted aluminum. Ø 60 mm, boom length: 4.2 m.



**803XA-0590**  
Fastening flange for 001G0402.



**803XA-0440**  
Swing rest - skirt support bracket.



**803XA-0630**  
Heating system for operators installed in cold areas.



**803XA-0300**  
Auxiliary contacts unit for detecting the boom position.



**803XA-0330**  
Swing rest.



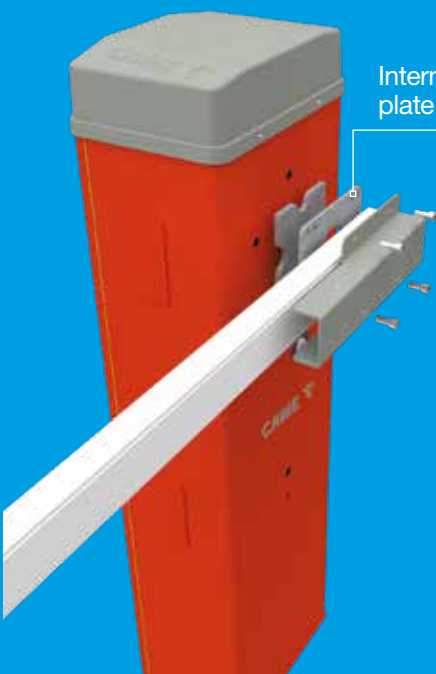
**001G02807**  
Fixed rest.



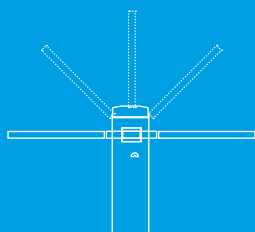
**806LA-0060**  
Flashing lights.



**803XA-0290**  
Control card kit for operating during power outages and for recharging batteries, with battery housing.



Intermediate plate



## EASY START-UP

Boom can be installed right or lefthand. Thanks to a dedicated intermediate plate, GARD LT4 allows installer to easily change the opening direction even after having installed the barrier, with no need for disassembling any component.

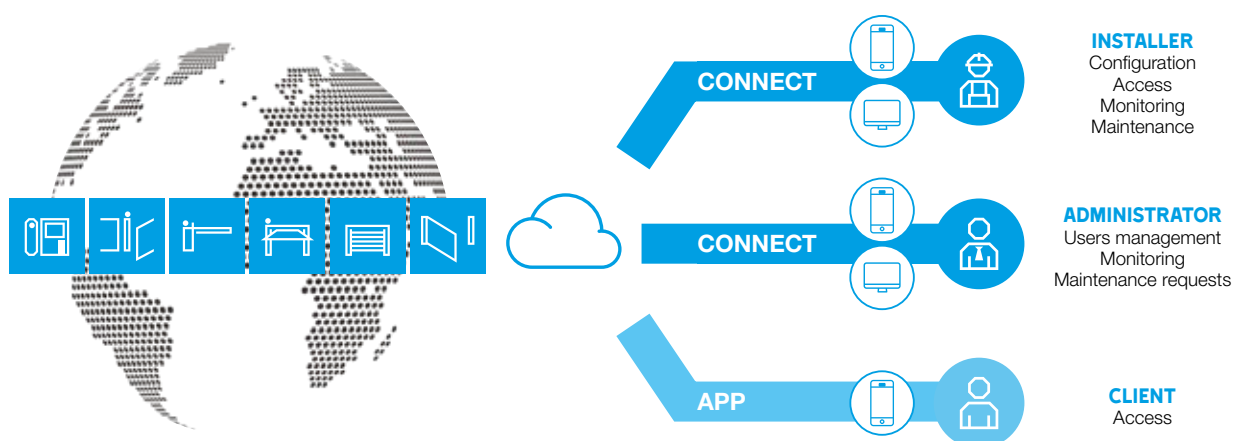
### Start it up in only three steps!

- 1 - Choose the opening direction
- 2 - Choose the boom length
- 3 - Run the first calibration

# CONNECT

CONNECT is the CAME technology that makes it possible to manage automations capable of improving the quality of life. Automations connected via the Internet offer added value to the user and open up new horizons for the installer's business.

CAME has chosen to develop in-house the technologies required 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 that guarantees reliability and high security. CAME has invested in research and development with the aim of simplifying the installer's work, improving user experience and offering new digital services.



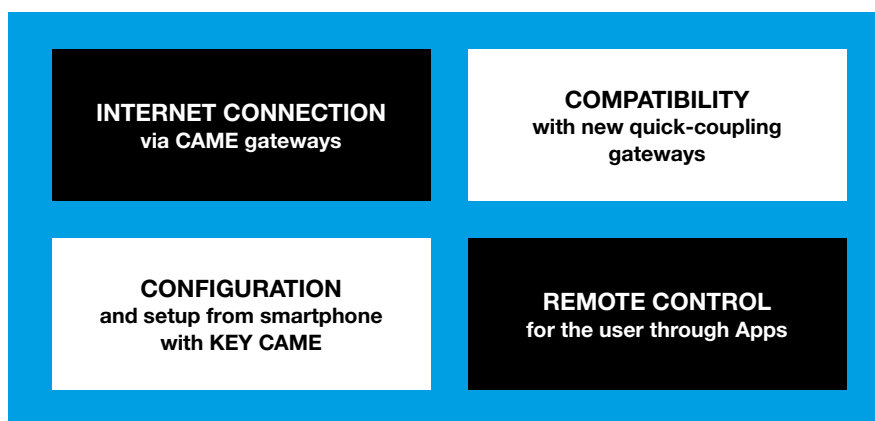
## CONNECT AT THE INSTALLER'S AND ADMINISTRATOR'S SERVICE

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

## CONNECT AT THE CUSTOMER'S SERVICE

Through the free Apps that can be installed on any Android or iOS smartphone, the user can control the devices remotely.  
Compatible with Amazon Alexa devices, CAME automations can also be controlled by voice command.

## CONNECT MEANS



# CAME KEY

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## 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 CAME SetUp APP.

- Update firmware on the control board for new features.
- Manage all automation parameters, which are organized by type.
- Check maneuvers for scheduled maintenance.
- Management of radio controls and cards through QR code.
- Keypad codes configuration.



Smartphone Apps  
CONNECT SetUp



# QUALITY FOR CAME

## IS THE GUIDING PRINCIPLE OF EVERYTHING.

Gard LT4 is completely made in Italy and, 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
- RPE Electrical safety and grounding
- Operator release tests
- Functional test for 60 seconds analyzing all functional parameters every 200 milliseconds
- Control board functional test
- Complete barrier system functional test



ENGINEERING

TESTING ONE BY ONE

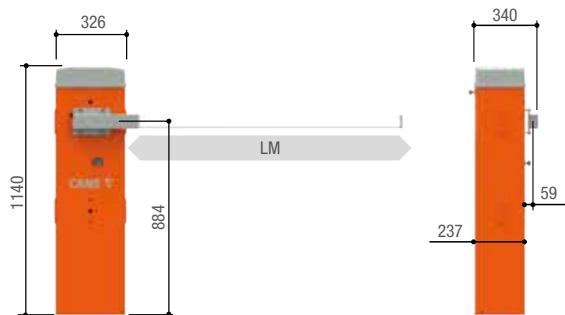


PRODUCTION



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## DIMENSIONS (mm)



LM = Max. net clearance width 4 m

## THE COMPLETE RANGE

CODE	230 V AC barriers with encoder and 24 V DC operator and built-in control panel
803BB-0370	GLT40AOS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing spring included. Power supply 220 - 230 V AC.
803BB-0380	GLT40ROS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing spring included. Power supply 120 V AC.
803BB-0390	GLT40ACS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel cabinet with customized RAL painting and set up for fitting accessories. Balancing spring included. Power supply 220 - 230 V AC.
803BB-0400	GLT40AX4 - Automatic barrier with irreversible 24 V DC operator with encoder; AISI 304 satin-finish steel cabinet with set up for fitting accessories. Balancing spring included. Power supply 220 - 230 V AC.

## OPERATIONAL LIMITS

MODELS	803BB-0370	803BB-0380	803BB-0390	803BB-0400
Max. net clearance width (m)	4	4	4	4

● 24 V DC

## TECHNICAL CHARACTERISTICS

MODELS	803BB-0370	803BB-0380	803BB-0390	803BB-0400
Protection rating (IP)	54	54	54	54
Power supply (V - 50/60 Hz)	220 - 230 AC	120 AC	220 - 230 AC	220 - 230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC
Power (W)	190	190	190	190
Opening time at 90° (s)	2 ÷ 6	2 ÷ 6	2 ÷ 6	2 ÷ 6
Cycles/Hour	300	300	300	300
Operating temperature (°C)	-20 ÷ +55 (-40 with art. 803XA-0630)	-20 ÷ +55 (-40 with art. 803XA-0630)	-20 ÷ +55 (-40 with art. 803XA-0630)	-20 ÷ +55 (-40 with art. 803XA-0630)
RAL color	2004	2004	CUSTOMIZED	SATIN-FINISH

● 24 V DC

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# CAME

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

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- AUTOMATIC BARRIERS
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- TURNSTILES AND SPEED GATES
- BOLLARDS AND ROAD BLOCKERS
- TEMPERATURE CONTROL DEVICES
- AUTOMATIC DOORS
- SOLUTIONS FOR AWNINGS AND BLINDS
- BURGLAR ALARM SYSTEMS
- HOME AUTOMATION SYSTEMS

CE

