



GARD 12

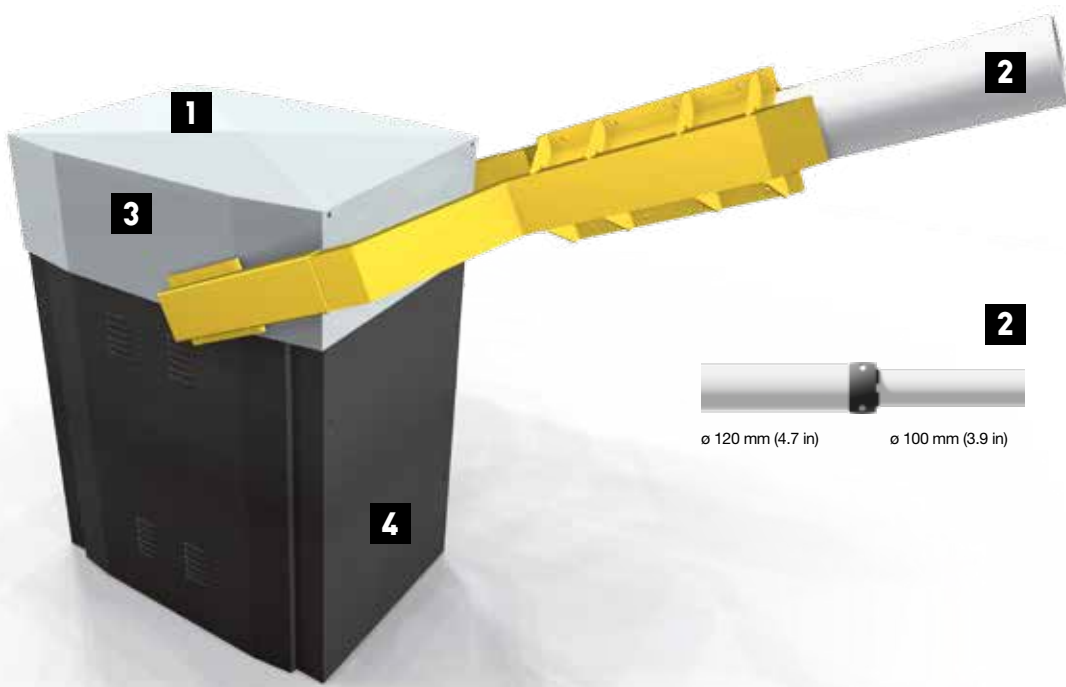
**IDEAL SOLUTION
FOR SPECIAL
OR EXCEPTIONAL
CLEARANCE
WIDTHS.**

Net clearance width
of up to 12 m

CAME 

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1
INTEGRATION AND MODULARITY

A special automated device that perfectly integrates with all Came command and control accessories

2
MODULAR TUBULAR BOOM

The round different diameter section, makes for easier transportation and minimum wind resistance

3
COMMAND AND CONTROL ELECTRONICS

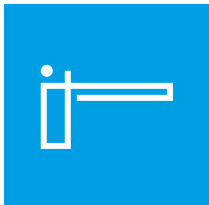
Fitted so it is easy to reach for faster scheduled maintenance while being protected from weathering agents

4
COUNTER-WEIGHT BALANCING

Adjustable via iron modules that can be either added or removed depending on the length of the boom

GARD 12 IS A TRULY OUT OF THE ORDINARY AUTOMATIC BARRIER.

Gard 12 is the automatic barrier that opens 12 m (39.3 ft) opening widths in just 10 seconds, as is often required in industrial facilities.



THE ADVANTAGES OF CAME'S GARD 12

- Two gearmotors installed in the cabinet and fitted along the same axis to provide greater motor torque.
- The boom moves safely and reliably thanks to its special modular, counter-weight, balancing system, depending on the length of the boom.
- A vast range of control and safety accessories for a fully fitted installation.
- The 24 V DC power supply is ideal for ensure optimal control of the boom's movement.



DOUBLE MOTOR, DOUBLE DURATION

Inside Gard 12 sit two gearmotors, installed along the same axis that provide remarkable torque. Boom is balanced by counter-weights ensuring safe and reliable movement even when used frequently.

MODULAR TUBULAR BOOM

The round different diameter section, makes for easier transportation and minimum wind resistance.

GLOBAL ENTRY POINT CONTROL

Each automatic barrier of the Gard 12 series, can be connected to different Came access control systems for identifying, memorizing and enabling entry or exit only to authorized personnel.

GARD 12 TECHNOLOGY



GUARANTEED 24 VOLTS

The 24 V DC gearmotors are designed for intensive duty and are guaranteed to work even during power outages. This icon also means that a product is powered by low voltage.



120 V AC

Operator or gearmotor that runs on 120 V AC.

READ UP AT CAME.COM ABOUT THE FULL RANGE OF CAME OPERATORS AND ACCESSORIES



TRANSMITTERS



PHOTOCELLS



KEY-SWITCH
SELECTOR



12 KEYPAD
SELECTOR

Came is a market leading home, industrial, and special technological projects automation manufacturing company. A full range of household solutions: from operators for gates and garage doors, to shutter and awning winding motors, and even home automation control, to burglar proof and video entry systems. Technology and reliability to serve your business, thanks to solutions designed for powering large industrial doors, automatic doors, street barriers, turnstiles, access control systems and parking facilities.

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CAME AUTOMATED OPERATORS AND ACCESS CONTROL

SLIDING GATE OPERATORS



SWING GATE OPERATORS



AUTOMATED OPERATORS FOR SECTIONAL AND GARAGE DOORS



AUTOMATIC STREET BARRIERS



OPERATORS FOR INDUSTRIAL ENTRANCES



AUTOMATED OPERATORS FOR ROLLER SHUTTERS



AUTOMATIC TURNSTILES AND ACCESS CONTROL



AUTOMATIC PARKING SYSTEMS



ACCESSORIES





COMPLETE SYSTEMS



CUSTOMIZED ELECTRONICS FOR YOUR NEEDS!



Gard 12 is available with motor at 24 V DC version.

The table shows the main control panel characteristics matched to the gearmotors.

CONTROL BOARD / CONTROL PANEL	 	
	ZL38C	ZL38D
SAFETY		
SELF-DIAGNOSING safety decives		
PRE-FLASHING when opening and closing	■	■
REOPENING during closing	■	■
RECLOSING during opening		
Obstruction WAIT		
TOTAL STOP	■	■
PARTIAL STOP		
OBSTRUCTION DETECTION in front of photocells	■	■
ENCODER		
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.		
AMPEROMETRIC DETECTION	■	■
COMMAND		
PEDESTRIAN OPENING 1 leaf		
OPEN ONLY from transmitter and/or from button	■	■
ONLY OPEN or ONLY CLOSE button connection	■	■
OPEN-STOP-CLOSE-STOP from the transmitter and/or button		
OPEN-CLOSE-INVERT from the transmitter and/or button	■	■
MAINTAINED ACTION	■	■
IMMEDIATE CLOSING	■	■
CHARACTERISTICS		
FLASHING LIGHT connection	■	■
CYCLE LIGHT connection		
COURTESY LIGHT connection		
Antenna	■	■
OPEN ALERT LIGHT connection	■	■
CLOSED ALERT LIGHT connection		
Contact output for 2nd RADIO CHANNEL		
OPERATING TIME adjusting		
SELF-LEARNING of the transmitter's RADIO CODE	■	■
Connection for the ELECTRIC LOCK and/or RAMMING		
Adjustable AUTOMATIC RECLOSING TIME	■	■
OPENING and/or CLOSING slow downs	■	■
EMERGENCY BATTERY operation (optional)	■	■
MASTER-SLAVE	■	■
TRAVEL and SLOW DOWN SPEEDS SPEEDS	■	■
DISPLAY		
Electronic brake	■	■
SELF-LEARNING opening and closing limit-switches		
CAME Connect		
Designed to fit RIO System 2.0		
CRP control		
ENERGY SAVINGS control (001RGP1)		
Firmware update from USB		
Connection to the solar panel		

■ 24 V DC

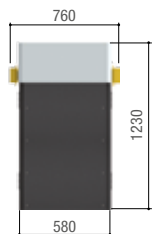
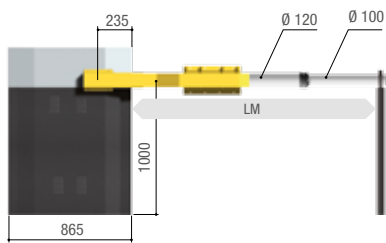
GARD 12 TECHNOLOGY

PRODUCT	 	
	ZL38C	ZL38D
G1200K	■	
LB38	■	
G1201K	■	■
G1201KS	■	■

The table here above, shows **only** products associated to the mentioned **CAME technologies**. All other range products are listed on the General Catalogue.

002LB38 - Three 12 V - 7 Ah batteries (not supplied), set up a suitable external battery housing that can fit in the barrier cabinet on: 001G1200K - 001G1201K - 001G1201KS

DIMENSIONS (MM)



LM = Max. net clearance width

OPERATING LIMITS (M)

MODELS	001G12010K	001G12010KS	G12000K
Max. net clearance width (m)	12	12	12

TECHNICAL CHARACTERISTICS

MODELS	001G12010K	001G12010KS	G12000K
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	120 AC	120 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Absorption (A)	15 Max.	15 Max.	15 Max.
Power (W)	300	300	300
Opening time at 90° (s)	10	10	10
Duty/cycle (%)	50	50	50
Torque (Nm)	600	600	600
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

■ 24 V DC



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