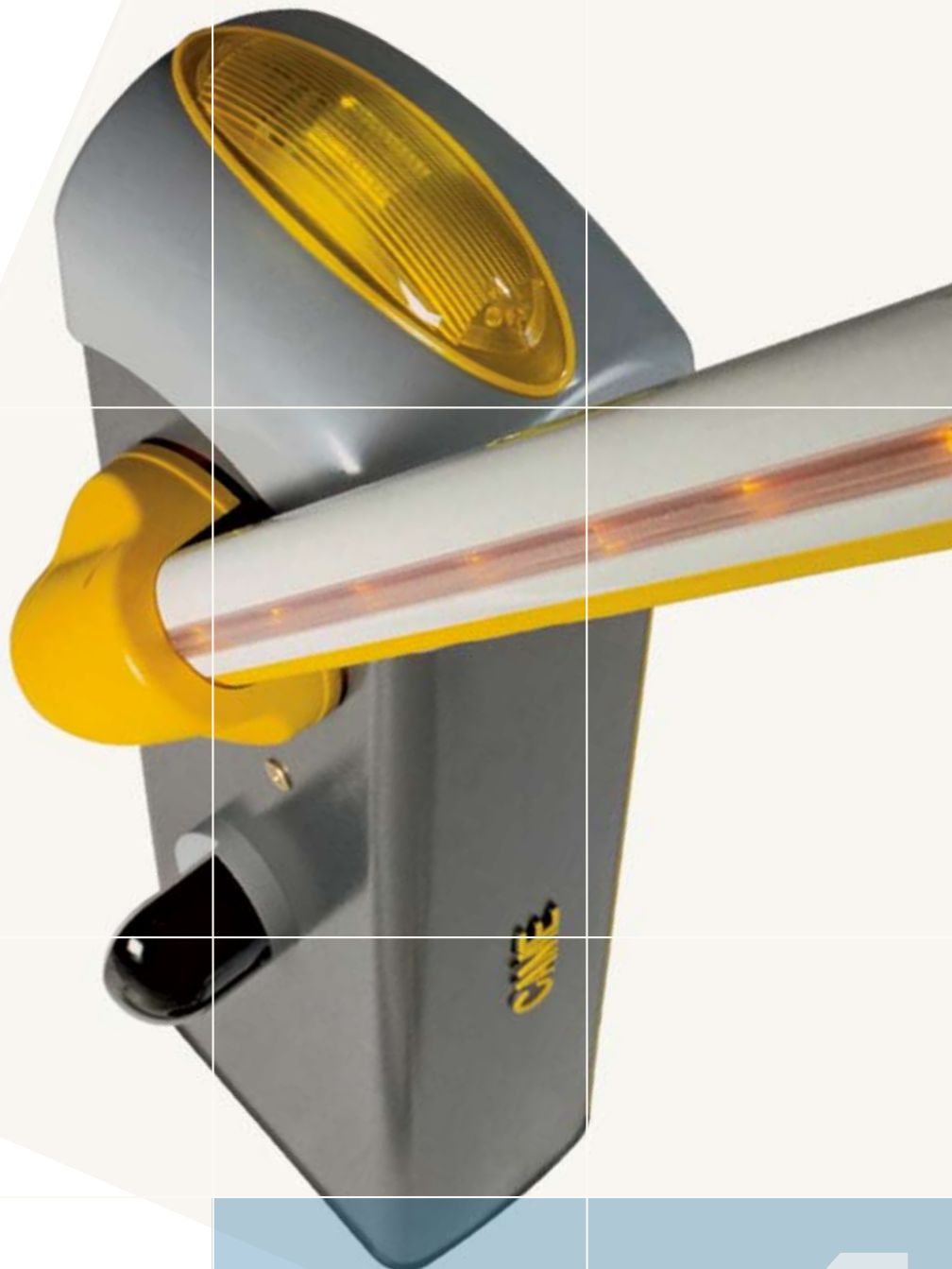


Automatic  
road barriers  
for passage of  
widths up to  
3.75 m / 12.3 ft



# new GARD4

## **A new concept of automatic barrier**

Innovation and design for all-inclusive security: these are the most recent additions to the GARD barrier line family. Soft contours and rounded corners to counteract the "sail effect" for a barrier that incorporates perfectly into a diversity of installation settings.



  
**CAME**  
AUTOMATIC GATES

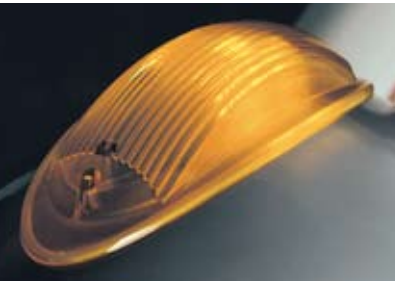
# GARD4

230V 24V

## Automatic road barriers

Designed for a range of large openings up to 3,75 m / 12,3 ft, the new GARD barriers are the ideal solution for control of roads and parking areas for industrial and public use.

The GARD series is available in the 230V AC motor and the 24V DC motor versions.



**A blend of design and modern technology of illumination:** the exclusive incorporated flashing light with a lighted LED diffuser needs no special maintenance and ensures complete visibility of the warning light.



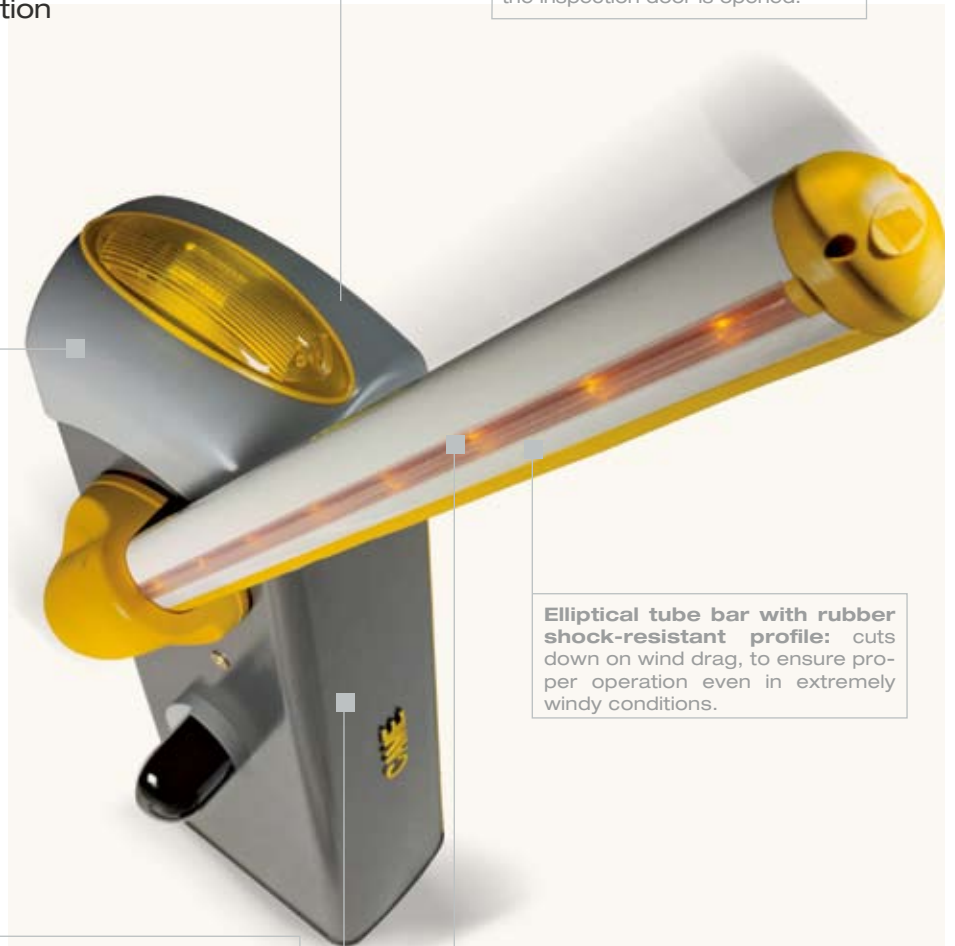
**The protective guard on the bar is a standard feature** to protect the user from possible risk when the bar is in rotation.



**Perfectly integrable:** the safety photocells are applied directly onto the bar and integrate harmoniously and aesthetically with the automated device.

The new series offers many new features, all marked by innovation

**Round tubular bar:** an electronic contact automatically interrupts the power supply voltage as soon as the inspection door is opened.



**Elliptical tube bar with rubber shock-resistant profile:** cuts down on wind drag, to ensure proper operation even in extremely windy conditions.

**Command electronics:** protected by a die-cast aluminium guard, it is positioned to make any type of intervention extremely practical.

**Intermittent lighted cable cord:** superior visibility of the arm and maximum durability of the light fixtures.

**Differentiated sensitivity spring:** for exceptional balancing of the bar.



# Electronics

The GARD series barriers are constructed with next-generation electronic controls that guarantee total control of the automatic system, improving and increasing the usual safety and control functions, such as:

- > **comprehensive AUTOTEST** of all the safety devices connected to the system prior to activating the motor (electronic autotest).
- > **electronic control of the movement** of the bar with obstruction detection (anti-crushing function).
- > **a safety feature even when the bar is stationary:** all controls are invalidated if an obstruction is detected by the safety devices.

## 24V barriers

Streets, parking areas, collective areas or simply specific functional and security needs of the system can call for the use of a GARD system with 24V technology.

### > Frequent black out

The electronics of a GARD 24 system automatically recognize a lack of power and activate emergency operation with special auxiliary batteries.

### > Keep speed in check

For total service, the 24V electronics enable the operating speed to be adjusted depending on whether the situation requires faster or slower openings and closings.

### > Intensive traffic

The low-voltage motor ensures operation of the barrier for intensive traffic conditions, such as streets, parking areas and other areas entailing constant, intensive operation.

### > Rapid transit

The 24V technology regulates the barrier opening time between 8 and 4 seconds.



### Also available as a set or with synchronous action

Thanks to the additional RSE card the barriers can be installed facing each other or be synchronised with the "compass" function at the same access point.



### Global entry control

The GARD series automatic barrier system can be connected to many of the CAME access control systems that allow identification, memorization, and entry and exit only to authorized personnel. The equipment can also be integrated with a global access control system for specific departments in a company or the services offered by a collective or condominium structure.



PRODUCTS



Made in Italy



For its quality processes management Came Cancelli Automatici is ISO 9001:2000 certified, and for its environmental management it is ISO 14001 certified. Came designs and manufactures entirely in Italy.

# The models

## 230V Barriers

- G4041** Automatic barrier in zinc plated or coated steel with 230V A.C. gearmotor complete with casing and control board transformer
- G4041I** Automatic barrier in brushed AISI 304 stainless steel with 230V A.C. gearmotor complete with casing and control board transformer

## 230V Electronics

- ZG5** Extra electronic board designed with a socket for CAME radio cards
- ZG6** Basic circuit board designed with a socket for CAME radio cards
- RSE** Function management control board (for ZG5)

## 24V Barriers

- G4040** Automatic barrier in painted galvanized steel with 24V D.C. gearmotor complete with casing and control board transformer
- G4040I** Automatic barrier in satin-finish AISI 304 stainless steel with 24V D.C. gearmotor complete with casing and control board transformer

## 24V Electronics

- ZL38** Electronic card fitted to connect with radio frequency cards
- LB38** Card for connecting three 12V-7Ah emergency batteries

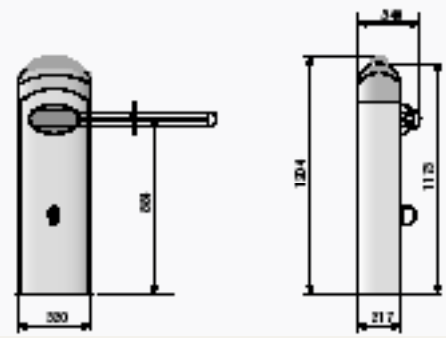
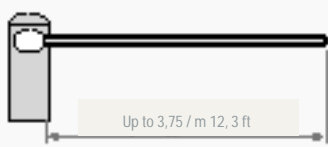
### Technical features:

Type	230V		24V	
	G4041 / G4041I		G4040 / G4040I	
Degree of protection	IP54			
Power supply (50/60Hz)	230V A.C.			
Motor power supply	230V A.C. (50/60Hz)		24V D.C.	
Power	250W		300W	
Absorbed input	2,2A		15A	
Reduction ratio	1/202			
Max torque	220 Nm		600 Nm	
Opening time	4 s		2÷6 s	
Operation intermittence	30%		Intensive use	
Operating temperature	-20°C ÷ +55°C			

### General product information:

Composition of the bar	Maximum opening clearance
Bar with shock-resistant profile and luminous cord	3,75 m
Bar with rack	3,75 m
Bar with luminous cord and rack	3,75 m
Bar with shock-resistant profile and mobile barrier support	3,75 m
Bar with shock-resistant profile, luminous cord and mobile barrier support	3,75 m
Bar with rack and mobile barrier support	3,50 m
Bar with luminous cord, rack and mobile barrier support	3,50 m

### Dimensions:



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