

# The range

## 230V Road barrier with built-in control panel

**G2500** Automatic road barrier in galvanised and painted steel with 230V A.C. operator for passage clearances of up to 2.5m. Opening time 2s.

### Accessories for 230V A.C. road barriers

- G0251** Rectangular-section aluminium bar 40x60x2700 mm.
- G0461** Red adhesive refracting strips for bars. Package of 24 pieces.
- G0257** Joint for G0251 rectangular bar.
- G0462** Fixed support for G0251 bars.

## 24V D.C. Road barrier with built-in control panel

**G4000** Automatic road barrier in galvanised and painted steel with 24V D.C. operator for passage clearances of up to 4m. Opening time 2s - 6s.

**G4001** Automatic road barrier in AISI304 inox-steel with 24V D.C. operator for passage clearances of up to 4m. Adjustable opening time 2s - 6s.

**G6000** Automatic road barrier in galvanised and painted steel with 24V D.C. operator for passage clearances of up to 6m. Adjustable opening time 4s - 8s.

**G6001** Automatic road barrier in AISI304 inox-steel with 24V operator for passage clearances of up to 6m. Adjustable opening time 4s - 8s.

### Accessories for 24V D.C. road barriers

#### Accessories for the G4000 and G4001

- G0401** Rectangular-section aluminium bar 40 x 60 x 4200 mm.
- G0403** Impact-resistant red protective rubber, complete with stoppers for G0601 rectangular bars.
- G0461** Red adhesive refracting strips for bars. Package of 24 pieces.
- G0402** Aluminium tubular bar ø 60x4200 mm. (special accessory for areas subject to strong winds).
- G0405** Fitting for G0402 tubular bar.

#### Accessories for the G6000 and G6001

- G0601** Rectangular-section aluminium bar 40 x 100 x 6850 mm.
- G0603** Impact-resistant red protective rubber, complete with stoppers for G0601 rectangular bars.
- G0461** Red adhesive refracting strips for bars. Package of 24 pieces.
- G0602** Tubular aluminium bar ø 100x6850 mm. (special accessory for areas subject to strong winds).
- G0605** Fitting for G0602 tubular bar.

#### Accessories for G4000 - G4001 - G6000 - G6001

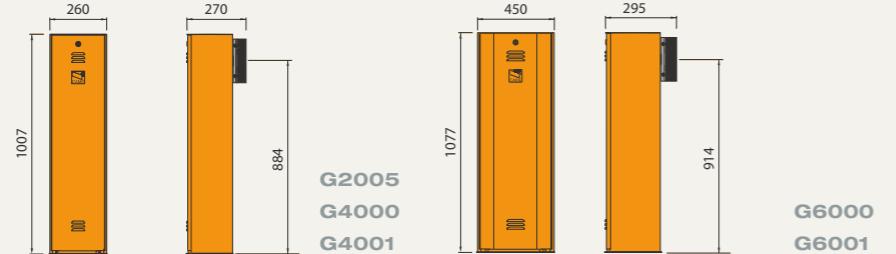
- G0468** Support for applying Doc series photocells on the cabinet.
- G0460** G0460 package of 6 24V signal lamps for G0401 and G0601 rectangular bars.
- G04601** Adapter for application of the Kiaro flashing lights (matches the KIAROS support).
- KIAROS** Flashing light series Kiaro support.
- G0465** Aluminium rack for G0401, G0402, G0601, G0602 bars. 2 m modules.
- G0467** Joint for G0401 and G0601 rectangular bars.
- G0462** Fixed support for G0401, G0402, G0601, G0602 bars.
- G0463** Mobile support for G0401, G0402, G0601, G0602 bars.
- LB38** Emergency battery card for G4000 - G4001 - G6000 - G6001.

## Technical features

Type	G2500	G4000 - G40001	G6000 - G60001
Protection rating	IP54	IP54	IP54
Control panel power supply (V)	230 A.C.50/60 Hz	230 A.C.50/60 Hz	230 A.C.50/60 Hz
Motor power supply (V)	230 A.C.50/60 Hz	24 D.C.	24 D.C.
Max power (W)	120	300	300
Current draw (A)	1	15	15
Torque (Nm)	70	200	600
Opening time 90° (s)	2	2 ÷ 6	4 ÷ 8
Duty cycle (%)	30	intensive use	intensive use
Operating temperature (°C)	- 20 ÷ + 55	- 20 ÷ + 55	- 20 ÷ + 55

● 230V A.C. ● 24V D.C.

## Dimensions



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# Gard

**Specifically made automation systems for selecting street access points.**

Gard quick barriers are the ideal solution for selecting access points in residential and industrial areas, even when traffic volumes are high. Gard does not need prior fitting and is easily installed in any context.



# Gard 230V 24V

The quick  
passage  
barriers

Suited for passage clearances of up to 6.5 m, Gard barriers come in three models depending on the passage.

The G2500 fast opening model is powered by 230V while the G4000 and G6000 models, even in the special AISI 304 inox steel versions, are fitted with a 24V D.C. operator and suited for intensive use.



Catch word:  
modularity

**Bar with protective rubber profile.**  
Made of profiled aluminium, they come with either rectangular or circular sections, the latter to cut wind resistance.

**Protected, integrated, intermittent warning lights.**  
These improve bar visibility and total duration of the illuminating elements.

**A good 5 models to meet all needs.**  
From 2.5 to 6.5 m of clearance with several types of bars and dedicated accessories: the Gard series is always the ideal solution.

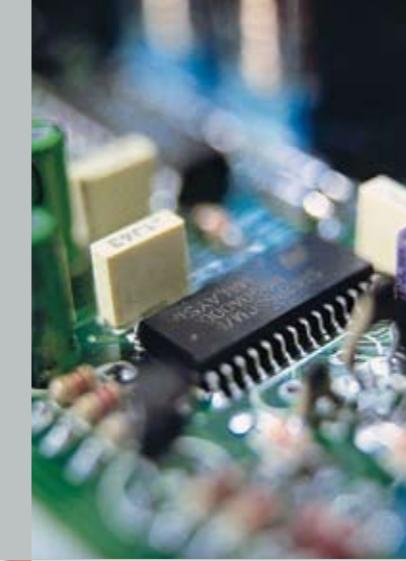
## General information

Type	G2500	G4000 - G4001	G6000 - G6001
Max bar length	(m)	(m)	(m)
Bar without accessories	2,5	4	6,5
Bar with rubber and lights	-	3,5	6
Bar with mobile support	-	3,5	6
Bar with rubber, lights, rack or mobile support	-	2,5	6
Bar with rack and mobile support	-	2	5,5
Bar with rubber, lights, rack and mobile support	-	-	-

**Ready made to fit the flashing light.**  
The entire series of Came Kiaro flashing lights can be directly installed on the Gard series cabinet.



**Also comes in INOX steel for those special uses.**  
The G4001 and 6001 models come with AISI 304 INOX steel cabinet for those especially critical installations such as at motorway toll booths or in areas with high salinity content in the air.



## The 230V electronics

The G2500 model's electronics provide optimal control of the bar's movement, providing speed of opening and closing.

- > **Just 2 seconds to clear the passage effectively** even during high-frequency use.
- > **Auto-memorises the radio code** from the transmitter to the receiver.
- > **Can work in maintained action mode** as required by current standards.

## The advantages of 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 blackouts**  
The electronics of a Gard 24 system automatically recognizes a lack of power and activates emergency mode with special batteries.
- > **Keep speed in check**  
For total service, the 24V electronics enables the operating speed to be adjusted depending on whether the situation requires faster or slower openings and closings.
- > **Intensive use**  
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.
- > **Obstacle detection**  
A special electronic circuit constantly analyses the proper functioning of the bar, allowing for their total stop, or inversion of movement, when coming into contact with any obstacles.



**Even matched in 'slave' mode.**

Through an apposite plug on the control panel, the G4000/1 - G6000/1 models can be matched to thus control the actions of two paired automation systems.



## 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 structure or apartment blocks.