

# Guard Barrier (G 4000 / G 6000)

Guard barrier (G 4000 / G 6000) can be used to control entrances upto 4 meters/ 6 meters. Barrier is designed & constructed entirely by CAME Italy in compliance with current safety standards , and with IP 54 protecting rating. Essential for passages of intensive use, the low voltage technology allows you to obtain maximum efficiency with control features and complete safety. The structure of the GARD systems is made entirely from galvanized steel with a polyester powder-based RAL 2004 paint finishing.

Barrier comprises 24 V d.c. reduction gear: non-reversible, with die cast aluminum housing. The unit uses an internal worm gear as the reduction system and is permanently lubricated with liquid grease. Spring act as a counter weight / balance system for precise & uniform movement. Self Locking Mechanism All the versions in the GARD series feature self-locking gears that lock the arm both in the open and closed positions. In case of power failure the arm can be raised or lowered manually, without opening the cabinet, thanks to a lock mechanism situated outside the cabinet.



## A versatile automation

The possibility of installing keypads or key switches, photocells and safety flashers directly on the cabinet of the barrier simplifies the installation and reduces the cost of the system, as well as accepting inputs from any access control system: radio transmitter, card reader, telephone entry or safety device loops or photocells.

## Main safety features

The electronic control panel, with its adjustment system, allows:

- the adjustment of the speed;
- the adjustment of the approach speed;
- the detection of an obstacle thanks to the inherent obstacle detection device system, that provides for the immediate reversal or stop of the movement

**Scope of supply:** Gard unit, Aluminum boom, safety photocell,

**Optional:** Fixed support, Flashing light, Remote control

**Installation:** Unit comes with mounting plate in galvanized steel complete with four anchor bolts for anchoring the Gard unit to the pavement

### **Dimension:**

Control unit: 1230 X 865 X 580 MM (G 6000)

1077 x 460 X 240 MM (G 4000)

## Data sheet / Specifications

<b>MAKE</b>	CAME Italy
<b>Outdoor</b>	Application
<b>Drive</b>	Torque Motor, Block able
<b>Version</b>	Left- handed (Changeable to right-hand )
<b>Logic control</b>	Included
<b>Intelligence</b>	The use of torque drive & Microprocessor based controller shall eliminate the need for limit switches & friction clutches to ensure maintenance free operation
<b>Power Supply</b>	230 ( +/- 10% ) VAC, 50 Hz
<b>Finish</b>	Control unit:- Powder coated orange color . Boom : Powder Coated White with bright red reflective strips
<b>Boom spec</b>	Length : a) 4000 / 6000 mm ( straight ) extruded aluminum boom
<b>Boom Support</b>	Fixed
<b>Protection</b>	All housing and internal parts to have rust & corrosion free metal or alloy of high strength with suitable epoxy coating as applicable.
<b>Opening / Closing time</b>	4 sec for 4 meter boom & 6 sec for 6 meter boom length
<b>Power – off</b>	Manual opening by special key without opening boom barrier box
<b>Safety</b>	Infra red sensors to be used to prevent barriers from closing on the vehicle
<b>Duty Cycle</b>	100%

<b>Listing</b>	CE and TUV
<b>Integration</b>	Shall function in integration with proximity reader and / or finger print reader based biometrics Access Control system.