



### SERIES FEATURES

-  Motors powered by 24V
-  Magnetic encoder control
-  Opening and closing deceleration system
-  Self-locking motor
-  Built-in programmer
-  Self-learning
-  Built-in NiMH batteries
-  Built-in radio receiver card
-  Bluetooth compatible

### PRODUCT FEATURES

-  Graphic LCD display
-  Real-time clock
-  Multi-decoding
-  Network interface
-  Master - Slave setting
-  Maximum boom length 3-5m
-  Opening time 3-4s
-  Intensive use

## Characteristics ELDOM SERIES

### Automation for road barriers

The latest addition to the company's range of road barriers is fitted with a 24Vdc motor and factory set for the application of 3, 4 or 5m booms (ELDOMS) and 6, 7 or 8m booms (ELDOML).

Designed and built for use on car-parks of all dimensions this road barrier made of spray-painted metal (cataphoresis passivation + powder spray painting), offers the maximum resistance to the effects of weathering throughout time even in environments where they are exposed to corrosives such as saline elements or smoke. All the components are housed and protected inside a cabinet fitted with ample, extractable and lockable inspection panel. The mechanical organs are mounted on a robust steel chassis and consist of a highly efficient, double reduction geared motor and an adjustable spring loaded balancing system.

The in-built command and control unit, complete with battery charger and NiMH batteries is located inside the cabinet and protected by a waterproof container. The integrated programmer allows encoder controlled boom positioning, automatic repositioning and self-programming. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions. The electronic programmer is factory fitted with a graphic LCD display (128 x 128 pixels) with backlighting in six different languages. The menu allows you to read the number of manoeuvres carried out and to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing as well as deceleration adjustment both in the opening and closing directions. The electronics card, thanks to the presence of the real-time clock, allows you to set 10 events (shown on the display) and these events permit you to regulate the opening and closing of the motor at different times during the day within 3 weekly time bands (Mon-Fri, Sat-Sun, Mon-Sun); the events can be enabled or disabled (during holiday periods) either from the menu or by means of a radio channel.

It is possible to synchronize (working together in a single installation) two road barriers via cable, with the Cardin MODCA slot-in modules inserted.

#### Booms

The barrier takes a special aluminium boom with rubber anti-shock protective edges and can be supplied either in a 3,4,5,6,7 or 8 metre version. The boom, to be ordered apart, is factory set for the application of a special led lighting system with variable flashing that illuminates it in whatever position it finds itself. The boom has rapid fitting cables that allow it to be replaced easily and quickly whenever necessary.

A special articulated aluminium boom with rubber anti-shock protective edges is also available. The boom consists of two parts for an overall length of 3m. The cast aluminium joint, which markedly reduces the height during opening, makes it ideal for use in installations such as underground car parks.

## Product features ELDOMSDG

### Self-programming road barriers with a 24V motor

Encoder-controlled movement.

Lockable barrier cabinet complete with boom holder and LED warning lights built into the barrier's flip-back hood and key operated external manual release system.

Automation with an in-built electronic programmer featuring an LCD graphics display, multi-decoding radio receiver module S449-S486-S504-S508, 433MHz / 868,3MHz FM, NiMH batteries and a battery charger.

The S504 - S508 receiver module, features high security 128 bit cryptography, which allows transmitters to be enabled remotely thanks to the RFID technology built into the transmitters and the use of the code programming base PGBASE500.

The road barrier cabinet made of powder spray-painted metal is available in dark Slate grey RAL7015.

3m, 4m and 5m booms are to be ordered apart.



> ULTIMATE CARDIN App

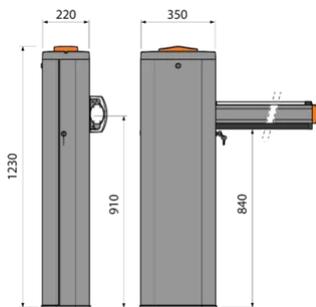
## GENERAL CHARACTERISTICS

Single phase mains power supply 50/60Hz	Vac	230
Nominal electrical input	A	0.9
Power input	W	250
Motor power supply	Vdc	24
Maximum motor power yield	W	120
Nominal electrical input motor	A	3
Duty cycle	%	90
Opening time 90°	s	3...4
Passageway opening time (75°)	s	2
Geared motor speed	rpm	6
Torque max.	Nm	180
Incorporated batteries	typ	NiMH
Operating temperature range	°C	-20...+55
Protection grade	IP	54
Insulation class	Cls	II

## CONNECTIVITY

Optional receiver module	Mod-RF-868MHz
Optional Bluetooth interface module	MODBT
Optional serial module	MODCA

## OVERALL DIMENSIONS



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