



# AUTOMATION FOR ROAD BARRIERS AND PARKING PLACE PROTECTION

RAPID SELECTION  
GUIDE

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CARDIN AUTOMATION PL



PARKING PLACE PROTECTION

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# EL

AUTOMATION FOR ROAD BARRIERS

## CARDIN AUTOMATION



3-5m 3-4s



ELDOMSDG

6-8m 6-12s



ELDOMLDG



# PL

PARKING PLACE PROTECTION

## CARDIN AUTOMATION



8s



PARKSUN - PARKSUN-SR

8s



PARKSUN-BTS

8s



PARKLINE



**EL**

AUTOMATION FOR ROAD BARRIERS

(optional)



**CARDIN AUTOMATION**



ELSNAP-RAPID



ELSNAPS



ELSNAPL



**EL**

AUTOMATION FOR ROAD BARRIERS

(optional)



**CARDIN AUTOMATION**



EL RAP4E

# SELF-POWERED ELECTROMECHANICAL PARKING PLACE PROTECTION



## CARDIN AUTOMATION SERIES PL

The PL (Parking Line) series consists of two parking space protection devices PARKSUN and PARKLINE which stand out from other similar products for their robustness and completely automatic electrical movement. Simple and practical to operate thanks to the remote control included in the system, a stainless steel arch rises up to prevent non authorised vehicles from using your personal parking space.

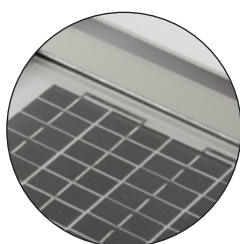
Both models are powered by heavy duty, long-life buffer batteries. The PARKSUN model does not require connection to external power sources as the batteries are recharged by an in-built solar panel, while the PARKLINE model requires an external battery charger powered by the mains. The PARKSUN-SR model is fitted with a solar panel and a vehicle presence detector which will automatically raise the arc when the vehicle leaves the parking place. The control panel has an in-built state-of-the-art S504 radio receiver card with 128 bit cryptography, "433MHz" FM ROLLING CODE and the possibility of memorising up to 1000 user codes. Various solutions have been adopted in the PARKING LINE systems in order to guarantee the safety and security of people and materials, foremost among which is the electronic sensor that inverts the movement of the arch whenever it encounter an obstacle and a mechanical shock absorbing device that reduces the effect of eventual crashes and bangs even when not in movement. The device is fitted with a key-operated manual release mechanism.

Rapid installation:

- does not require particular tools;
- for standard operation it does not require programming and travel limit setting;
- the code of the radio control transmitter supplied with the device is already stored in the control panel.



MECHANICAL SHOCK ABSORBER



SOLAR PANEL  
(PARKSUN VERSION)



STAINLESS STEEL ARCH



MANUAL RELEASE MECHANISM



S504 RADIO RECEIVER

# CARDIN AUTOMATION SERIES PL



## PARKING SPACE PROTECTION WITH A 12V MOTOR

The automation system consists of the PARKLINE parking lock plus:

- electronic programmer;
- built-in S504 receiver "433MHz" FM ROLLING CODE;
- one S504 pre-coded two-channel transmitter;
- buffer batteries.

## PARKING SPACE PROTECTION WITH POWER SUPPLY CABLE

PARKLINE parking space protection with external battery charger powered from the mains or battery. The built-in control unit controls the battery charge so as to guarantee continuity of operation even without a power supply.

Parkline can operate up to 4 months without being connected to a mains power supply.

### PARKLINE



## SOLAR-POWERED PARKING SPACE PROTECTION

The self-powered parking space protection with built-in photovoltaic panel, can be installed anywhere as it needs no power cable.

The built-in control unit controls the photovoltaic panel and the battery to ensure maximum energy efficiency and continuity of operation. Even with no light whatsoever Parksun can operate for up to 4 months.

### PARKSUN



## SOLAR-POWERED PARKING SPACE PROTECTION + DETECTOR

PARKSUN-SR is equipped with a built-in vehicle presence detector.

### PARKSUN-SR



# CARDIN AUTOMATION SERIES PL



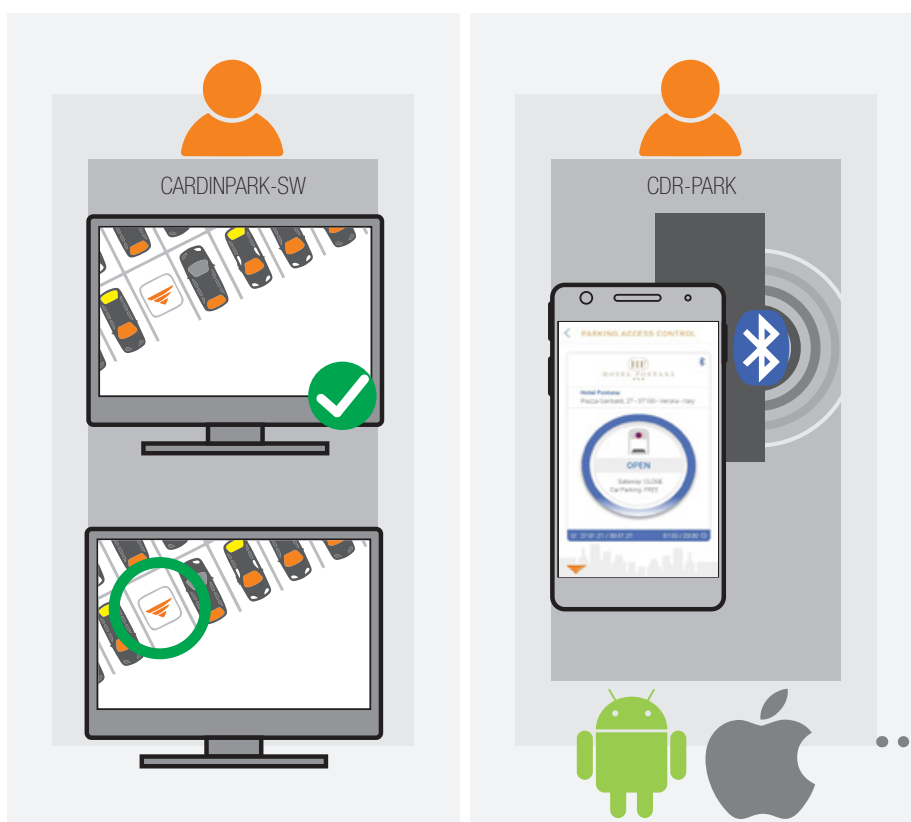
## SOLAR-POWERED PARKING SPACE PROTECTION + BLUETOOTH CONTROL

Parking-space protection with a 12V motor, built-in photovoltaic panel, vehicle presence detector and Bluetooth connection. The PARKSUN-BTS parking-space protection is the ideal solution for tourism and hospitality establishments, sports facilities, as well as all other businesses that need a smart system capable of managing numerous bookings/reservations of parking spaces.

Configuring the system is quick and easy with the dedicated CARDINPARK\_SW software, which allows the manager to reserve individual parking spaces for specific periods of time, manage reservations, and send email notifications to users.

Users can conveniently control the PARKSUN-BTS via Bluetooth using the CDR-PARK app (available for both iOS and Android) for the duration of the booking, making the parking experience more efficient and convenient.

## PARKSUN-BTS



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# CARDIN AUTOMATION SERIES PL



## GENERAL CHARACTERISTICS

Mains power supply	Vdc	12
Battery	Vdc	12
Battery power supply	AH	7
Solar panel power (only Parksun)	W	5
Power consumption in standby	mA	1
Motor power consumption	A	1
Opening / closing time	s	8
Operating temperature range	°C	-20° ... +55
Protection grade	IP	54
Weight	Kg	23

## BUILT-IN RECEIVER CARD (S504)

Reception frequency	MHz	433.92
Number of channels / number of functions	No	4 / 1
Number of stored codes	No	1000

## OVERALL DIMENSIONS

470 x 750mm, height 620mm (94mm lowered arch)

