“ Solutions for Efficient Parking

CIRCONTROL
Mobility & eMobility

circontrol.com

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V1.4

CIRCONTROL
Mobility & eMobility

CirPark

SOLUTIONS FOR
EFFICIENT PARKING

Product Catalogue 2017

001

LED

Solutions for Efficient Parking

CIRCONTROL
Mobility & eMobility

CirPark Platform

The CirPark Platform manages all CirPark solutions from one site.
It is a powerful solution that integrates iPark, LEDPark and EVPark systems.
A platform made of CirPark Scada software and third party integration.
It is a multi-platform and mobile-oriented software infrastructure.
Unique platform for the complete Efficient Parking.

iPark

Intelligent Parking Guidance System including Single Space Detection and/or Area & Level Counting, and Car Finding Solutions for Indoor and Outdoor Parkings.

- Guidance System
- Counting System
- Find Your Car

LEDPark

Efficient Led Lighting System with Low Consumption including Lighting Regulation and Energy Monitoring System (EMS) for Parkings.

- Led Park
- Energy Efficiency

EVPark

Electric Vehicle Charging System for Indoor and Outdoor Parkings.

- Electric vehicle chargers
- OCPP
- DLM

CirPark Platform

The CirPark Platform manages all CirPark Solutions from one site. It is a powerful solution that integrates iPark, LEDPark and EVPark systems. A Platform made of CirPark Scada software and third party integration. It is a multi-platform and mobile-oriented software infrastructure. Unique Platform for the complete Efficient Parking.

CirPark Scada Software

CirCloud
Server Platform

XML API
Application Protocol Interface open for integrators.

CirMobile
Mobile Application for Android/iOS

CO
Carbon Monoxide detection fully integrated

Mobile API
Mobile API for integrators/operators

iPark

iPark is one of the most impressive and long-lasting systems on the market for Guidance, Find Your Car and Counting Systems. Integrated within the CirPark Platform, it becomes a powerful management tool that optimises the traffic in car parks and provides user satisfaction, giving them the information they need, when they need it. Operators, on the other hand, have an excellent tool to gain the loyalty of their customers, optimise traffic and occupancy, and reduce maintenance and operation.

Guidance System

Indoor/Outdoor Dynamic Guidance system that manages the user information in order to optimise the occupancy and traffic of the parking facilities. Ultimate technology sensors and panels, plug&play and long-lasting. Worldwide product range oriented.

Counting System

Level & Area counting system with full range of detectors and panel display information for Indoor & Outdoor parking facilities.

Find Your Car

Powerful system able to provide car-finding solutions based on QR Code or License Plate Recognition within lanes or in each parking space, offering users the location and route to their own car via the user application.

Guidance system

Optimises traffic in car parks and provides user satisfaction by giving them the information they need

Owner **Benefits**

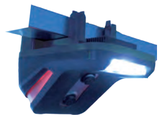
- Customer Loyalty and Car Park reputation.
- Efficient Traffic and Occupancy management.
- Operational and Maintenance Reduction costs.
- Full remote control system with auto-pilot operability.
- Completely customizable Reports, RealTime Screens and HeatMaps.
- Manage Guidance, Ilumination & EVChargers from one site.

Custome **Benefits**

- Less time spent on locating free parking spaces.
- Less stress and increased ease of parking.
- Easy Location of Handicapped, EVCharge & Reserved places.

Sensors

Front-End Bay Sensor
INDOOR/OUTDOOR (coming soon)



Inside Bay Sensor
INDOOR

Outdoor Bay
OUTDOOR

Displays

Advanced VMS Range
INDOOR

RDB Range
INDOOR

Panels
OUTDOOR

Guidance
OUTDOOR

Control

Converter
INDOOR/ OUTDOOR

Basic Controller
OUTDOOR

Controller
INDOOR/ OUTDOOR

License
INDOOR/ OUTDOOR

Server
INDOOR/ OUTDOOR

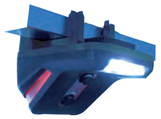
Accesories

Preconectorized cable
INDOOR

Fixing Elements
INDOOR

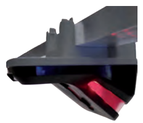
Front End Sensors

TRILOGY
460315

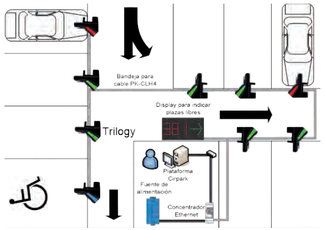


Front-end Equipment with Ultrasonic Sensor, RGB led indicator and led lighting system, for the detection and indication of the occupation status and for a courtesy lighting of the parking space. High brightness RGB led indicator Power: 24/48 Vdc. Consumption: 5 W. Communications: RS-485. It has connector for Power+Data. Extended Temperature Range -20 to 60ºC. Remote Configurable Firmware. Sensing distance and brightness intensity adjustable by software. Recommended installation height between 2.10 and 3.5 meters. Protection IP54.

BILOGY
460313



Front-end Ultrasonic Sensor and RGB led indicator, for the detection and indication of the occupancy status of the parking space. High brightness RGB led indicator Power: 24/48 Vdc. Consumption: 1.5 W. Communications: RS-485. It has connector for Power+data. Extended Temperature Range -20 to 60ºC. Remote Configurable Firmware. Sensing distance and brightness intensity adjustable by software. Recommended installation height between 2.10 and 3.5 meters. IP54 Protection.



Centre of Bay Sensor+Indicator

SP3-RG
460128

Ultrasonic sensor and Indicator light on the same equipment, for the detection and indication of occupancy status of the parking space. Power+data Connector and external light connector. Power supply: 24 Vdc. Consumption: 1.2 W. Communications: RS-485. Extended Temperature Range -10 to 50ºC. Remote Configurable Firmware. Recommended installation height between 2.30 and 3.5 meters. Detection distance adjustable by software. It with Red-Green led indicatior.

SP3-RB
460129

Ultrasonic sensor and Indicator light on the same equipment, for the detection and indication of occupancy status of the parking space. Power+data Connector and external light connector. Power supply: 24 Vdc. Consumption: 1.2 W. Communications: RS-485. Extended Temperature Range -10 to 50ºC. Remote Configurable Firmware. Recommended installation height between 2.30 and 3.5 meters. Detection distance adjustable by software. It has led indicator Red-Bluel (2000 mcd).

Centre of Bay Sensor

SP3
460127

Ultrasonic sensor for the detection of occupancy status of the parking space. Power+data Connector and external light connector. Power supply: 24 Vdc. Consumption: 0.8 W. Communications: RS-485. Extended Temperature Range -10 to 50ºC. Remote Configurable Firmware. Recommended installation height between 2.30 and 3.5 meters. Detection distance adjustable by software.

Indicators

PP1-RG
460131

Parking space occupancy status indicator, with 360º vision, Red-Green color (2000 mcd). Power supply: 24 Vdc. Consumption: 0.7 W. Direct connection to the SP series detection sensor. Adjustable brightness intensity.

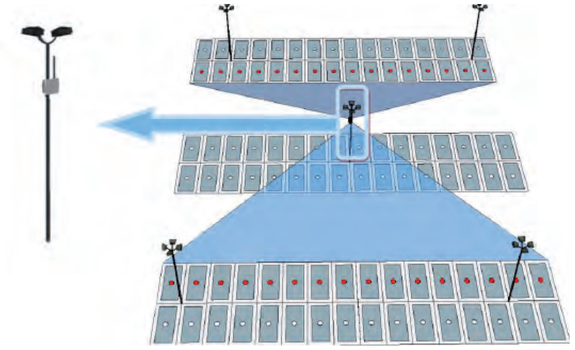
PP1-RB
460132

Parking space occupancy status indicator, with 360º vision, Red-Blue color (2000 mcd). Power supply: 24 Vdc. Consumption: 0.7 W. Direct connection to the SP series detection sensor. Adjustable brightness intensity.

Outdoor Sensor

SM-F2
460284

Magnetic Field Surface Sensor for the detection of occupancy status of the outdoor parking space. Power: Internal Batteries 14,4 Ah. RF Communications 868MHz. Coverage of 100m. Detection height of 0.5m. Extended Temperature Range -20 to 60ºC. Remote Firmware configurable. IP67 protection. Shelf Life 5 years. Changeable batteries.



Indoor VMS Displays

DX2-VMS
460235

Indoor display to indicate free spaces and direction. Matrix led Bicolor - Alphanumeric - 2 digits + Cross/Arrow. 10 arrow positions. Swap the position of the digits and arrow, functionalities like reverse digits, avoid zeros and show 'FULL'. Brightness intensity adjustable by software. Power supply: 24 Vdc. Consumption 4.3 W. Communication: RS-485. Height Digit 120 mm. Dimensions: 324 x 165,23 x 39 mm.

DX3-VMS-6
460236

Indoor display to indicate free spaces and direction. Matrix led Bicolor. Shows text up to 6 characters. Alphanumeric. 3 digits + Cross/Arrow. 10 arrow positions. Swap the position of the digits and arrow, functionalities like reverse digits, avoid zeros and show 'FULL'. Brightness intensity adjustable by software. Power supply: 24 Vdc. Consumption 5,8 W. Communication: RS-485. Height Digit 120 mm. Dimensions: 404 x 165,23 x 39 mm.

DX4-VMS-8
460237

Indoor display to indicate free spaces and direction. Matrix led Bicolor. Shows text up to 8 characters. Alphanumeric. 4 digits + Cross/Arrow. 10 arrow positions. Swap the position of the digits and arrow, functionalities like reverse digits, avoid zeros and show 'FULL'. Brightness intensity adjustable by software. Power supply: 24 Vdc. Consumption 6,7 W. Communication: RS-485. Height Digit 120 mm. Dimensions: 564 x 165,23 x 39 mm.

DX-CA
460240

Display Cross/Arrow, address indication of Free Places. Arrow Color: Green-Red. 10 arrow positions. Brightness intensity adjustable by software. Power supply: 24 Vdc. Consumption: 2.5 W. Communications: RS-485. Height Arrow 120 mm. Dimensions: 164 x 165,23 x 39 mm.

DX-VMS-P
460238

Indoor display in mode: [symbol 'P' + 3 digits]. Matrix led RGB. Symbol customizable by software. 6 character or scroll text up to 15 characters (P + 3 digits). Power supply: 24 Vdc. Consumption 14,4 W. Communication: RS-485. Brightness intensity adjustable by software. Height Digit 120 mm. Dimensions: 404 x 165,23 x 39 mm.

DX-VMS-F
460239

Interior display in configuration [symbol 'P' + 3 digits + Cross / Arrow]. RGB led matrix. Customizable Symbol by software. Text of 6 characters or scroll up to 15. Power: 24 Vdc. Consumption 24 W. Communication: RS-485. Brightness intensity adjustable by software. Height Digit 120 mm.Dimensions: 564 x 165,23 x 39 mm.

DX4-VMS-F
460275

Interior display in configuration ['P' symbol + 4 digits + Cross / Arrow]. RGB led matrix. Customizable Symbol by software. Text of 6 characters or scroll up to 15. Power: 24 Vdc. Consumption 25,5 W. Communication: RS-485. Brightness intensity adjustable by software. Height Digit 120 mm.Dimensions: 644 x 165,23 x 39 mm.

Indoor RGB Displays

DX2-RGB
460663

Indoor display in mode: [2 digits + Cross/Arrow]. RGB LEDs with 120° angle. 8 predefined digit colors. Height digit 125 mm. Right/Left and Up/Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 11 W. Communications: RS-485. Dimensions: 324 x 165,23 x 39 mm.

DX3-RGB
460666

Interior display in mode: [3 digits + Cross/Arrow]. RGB LEDs with 120° angle. 8 predefined digit colors. Height digit 125 mm. Right / Left and Up / Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 18 W. Communications: RS-485. Dimensions: 404 x 165,23 x 39 mm.

DX4-RGB
460669

Indoor display in mode: [4 digits + Cross/Arrow]. RGB LEDs with 120° angle. 8 predefined digit colors. Height digit 125 mm. Right/Left and Up/Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 20 W. Communications: RS-485. Dimensions: 485 x 165,23 x 39 mm.

DX2-RGB-P
460661

Indoor display in mode: [Symbol + 2 digits + Cross/Arrow]. RGB LEDs with 120° angle. Customizable symbol with backlit vinyl. 8 predefined digit colors. Height digit 125 mm. Right/Left and Up/Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 16 W. Communications: RS-485. Dimensions: 404 x 165,23 x 39 mm.

460664
DX3-RGB-P

Indoor display in mode: [Symbol + 3 digits + Cross/Arrow]. RGB LEDs with 120° angle. Customizable symbol with backlit vinyl. 8 predefined digit colors. Height digit 125 mm. Right/Left and Up/Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 22,5 W. Communications: RS-485. Dimensions: 564 x 165,23 x 39 mm.

DX4-RGB-P
460667

Indoor display in mode: [Symbol + 4 digits + Cross/Arrow]. RGB LEDs with 120° angle. Customizable symbol with backlit vinyl. 8 predefined digit colors. Height digit 125 mm. Right/Left and Up/Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 24 W. Communications: RS-485. Dimensions: 641 x 165,23 x 39 mm.

Outdoor RGB Displays

DX2-RGB-O
460663-O

Indoor display with [2 digits + Cross/Arrow]. RGB LEDs with 120º angle. 8 predefined digit colors. Height digit 125 mm. Right/Left and Up/Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 11 W. Communications: RS-485. Dimensions: 324 x 165,23 x 39 mm.

DX3-RGB-O
460666-O

Indoor display with [3 digits + Cross/Arrow]. RGB LEDs with 120º angle. 8 predefined digit colors. Height digit 125 mm. Right / Left and Up / Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 18 W. Communications: RS-485. Dimensions: 404 x 165,23 x 39 mm.

DX4-RGB-O
460669-O

Indoor display with [4 digits + Cross/Arrow]. RGB LEDs with 120º angle. 8 predefined digit colors. Height digit 125 mm. Right/Left and Up/Down controllable arrow. Arrow: Green/Red and Cross: Red. Indication of free places and address. Display "FULL" or "000 Arrow/Cross". Power supply: 48-24 Vdc. Maximum consumption: 20 W. Communications: RS-485. Dimensions: 485 x 165,23 x 39 mm.

Information Displays

D2-OD.11
460245

Outdoor display with 2 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 110 mm. Dimensions: 335mm x 209mm x 70mm. Consumption: 10W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D3-OD.11
460145

Outdoor display with 3 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 110 mm. Dimensions: 335mm x 209mm x 70mm. Consumption: 15W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D4-OD.11
460246

Outdoor display with 4 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 110 mm. Dimensions: 407mm x 209mm x 70mm. Consumption: 20W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D2-OD.20
460247

Outdoor panel, indicating the number of parking spaces available, two digits, high-luminosity red LED. Digit height: 200 mm. Dimensions: 514mm x 290mm x 70mm. Consumption: 25W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D3-OD.20
460232

Outdoor display with 3 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 200 mm. Dimensions: 514mm x 290mm x 70mm. Consumption: 35W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D4-OD.20
460248

Outdoor display with 4 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 200 mm. Dimensions: 584mm x 290mm x 70mm. Consumption: 45W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D2-OD.30
460242

Outdoor display with 2 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 300 mm. Dimensions: 676mm x 381mm x 70mm. Consumption: 25W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D3-OD.30
460243

Outdoor display with 3 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 300 mm. Dimensions: 676mm x 381mm x 70mm. Consumption: 37W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

D4-OD.30
460244

Outdoor display with 4 digits, indicating the number of parking spaces available, high-luminosity red LED. Digit height: 300 mm. Dimensions: 676mm x 381mm x 70mm. Consumption: 48W. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 V AC.

Panel Parking

Panel Parking
460187

Panel with information about the capacity of the car park, per floor or overall. 2-3-4 digit displays.
Panel with information about the capacity of the car park, per floor or overall. 2-3-4 digit displays. Advanced, Basic and Outdoor Displays. Communication: RS-485. Digit colour: RGB or Red. Brightness intensity adjustable by software.

iPark / Guidance System / Control

Control Equipment

TCP2RS+
310029

Industrial RS-485 to TCP-IP Ethernet communication converter. RS-232/RS-485 opto-isolated port. Input power: 230 V AC. Consumption: 2 VA. DIN rail.

GATEWAY-RF
460360

Signal Concentrator SM-F series sensors that collects information from up to 100 sensors depending on the layout of the parking lot. Power supply: 220Vac. Consumption: 3VA. Omni antenna for a coverage of 100m. TCP / IP data connection. Protection IP54. Air cooling system.

CDU-TCP-PARK
460233

Parking Concentrator, with Management and Information storage capacity. Control of Equipment throught Bus RS485, for Counting Systems, Energy Efficiency, Electrical Car Charging Stations and Automation. Incorporates a CirPark Scada embedded limited distribution. It has 4 digital inputs and 4 relay outputs. 10BaseT / 100Base TX Ethernet Port. 230 Vac power supply.

CONEC-PARK
460199

CarPark concentrator to manage autonomously iPark systems with a 500 bay capacity parking, ledPark lighting and energy efficiency systems and evPark charge stations for electrical vehicles. It includes an embedded CirPark Scada Engine. Power with 230Vca.

PK-CPU-EN
460311

Computer Equipment for CirPark systems. Standard PC. Pentium i3 or higher. 4GB of RAM memory (depends on the parking spaces). 500GB of HD. O.S. windows 7/10/server. Customized work desktop, users, protections and language. This equipment is customized in English.

PK-CPU-ES
460310

Computer Equipment for CirPark systems. Standard PC. Pentium i3 or higher. 4GB of RAM memory (depends on the parking spaces). 500GB of HD. O.S. windows 7/10/server. Customized work desktop, users, protections and language. This equipment is customized in Spanish.

PK-TFT
460204

TFT 22" Wide Screen with hight resolution.

PK-HDMI
460309

Accessory, 2m HDMI cable for CirPark computer equipment

PK-SWITCH 8P
460205

Switch 8 ports 10/100 Mbps

PK-SWITCH 16P
460206

Switch 16 ports 10/100 Mbps

PSC-240-24
200520

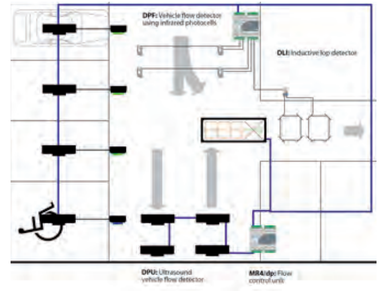
Switched power supply. Input power: 230 V AC. Output voltage: 24 V DC. Power: 240 W. DIN rail.

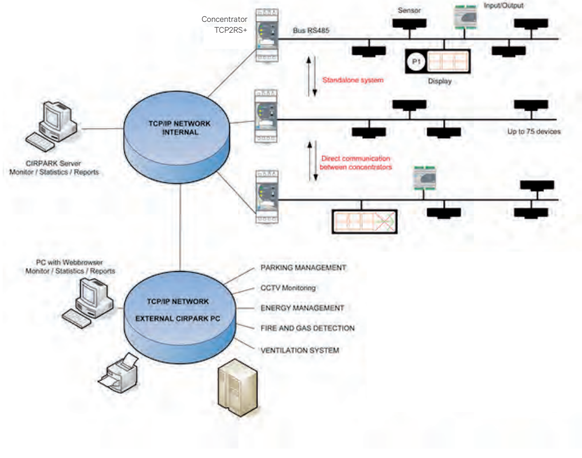
PSC-240-48
200526

Switched power supply. Input power: 230 V AC. Output voltage: 48 V DC. Power: 240 W. DIN rail.

PSC-480-48
460224

Switched power supply. Input power: 230 V AC. Output voltage: 48 V DC. Power: 40 W. DIN rail.





Dynamic Software

Real-time management of the **iPark** (counting, indoor/outdoor guidance and vehicle localization), **LEDPark** (regulated lighting control and energy efficiency) and **EVPark** (control of electric vehicle charging equipments).

It allows the control of the occupation, the introduction of a map of the installation, and create visualization screens of the occupancy, crossing zones, statistics, reports, logic of operation and alarms.

Multiclient and cross-platform software. Connection via multiplatform web browser or through Windows O.S. program. Integration via XML API. Mail server and RSS. Monitoring of IP cameras. Integration and monitoring of CO Detection. License for unlimited number of parking spaces.

CirPark Scada 610105	**Car park management Scada software.** Full version.
CirPark Scada Software 250 Bays 610105-2	**Car park management Scada software.** Limited to 250 parking spaces.
CirPark Scada Software 500 Bays 610105-3	**Car park management Scada software.** Limited to 500 parking spaces.

Scada Real-time management

iPark / Guidance System / Accesories

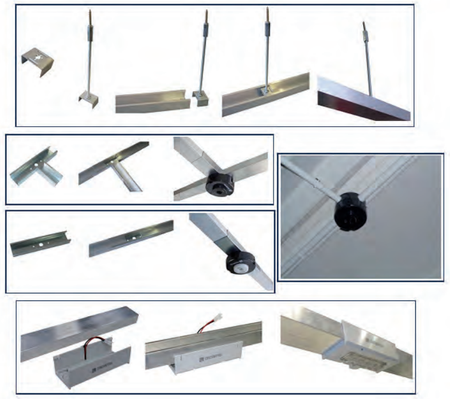
Guidance Accesories

PK-SM-MT
460327

Tool for the activation of SM-F Series sensors. It allows to activate the equipment once mounted without having to open it.

PK-CLIP-1K
460161

Sturdy clip for securing the SP series sensors and indicator lights. For clamping in metal tray or pk-socket accessory. 1000 pcs bag



Fixings

PK-SOCKET BI TRILOGY
460287

Polycarbonate socket for Bilogy and Trilogy pipe installations. 25-mm tube for connecting sensors.

PK-SOCKET
460159

Polycarbonate socket for SP3 and DPU pipe installations, 25-mm tube for connecting sensors and 20-mm tube for connecting the light indicator sensor

PK-TPPx
460173

Black plastic accessory for mounting the space indicator PPx.

PK-CP245
460170

Blind aluminium tray, 48 mm wide and 2.45 m long.

PK-CP80T
460686

Galvanised-steel accessory to cover the tray. External clip subjection. Openings to introduce the equipment cables inside the tray. 80cm long.

PK-CP050
460171

Blind aluminium tray, 48 mm wide and 0.5 m long.

PK-CP50T
460691

Galvanised-steel tray cover. External clip subjection. Openings to introduce the equipment cables inside the tray. 50cm long. Used for the Front End sensors bilogy or trilogy.

PK-PUC
460176

Galvanised-steel accessory for attaching the channel to the ceiling.

PK-G
460687

Galvanised-steel accessory in a G shape for attaching the channel to the ceiling. Holds the tray for the outside making the installation faster an easier.

PK-E
460175

Galvanised-steel accessory for joining trays.

PK-C
460174

Galvanised-steel accessory at a 90º angle.

PK-TSS
460172

T-shaped galvanised-steel accessory to install the SP sensor series.

PK-ESS
460179

Galvanised-steel accessory to install the SP sensor series. Used at the end of a tray line.

Wiring

C-LHS4
460115

3-m halogen-free hose-cable, to connect sensors of SP series, Bilogy or Trilogy. 2 x 1.5 mm2 power cable + 2 x 0.34 mm2 twisted and shielded cable for the RS-485 bus.

C-SS4-T
460152

3-m halogen-free hose-cable, to connect sensors of SP series, Bilogy or Trilogy. 2 x 1.5 mm2 power cable + 2 x 0.34 mm2 twisted and shielded cable for the RS-485 bus. Specially designed for installation inside a tube.

C-LHP3
460116

3-m halogen-free hose-cable, for the connection between SP sensor series and its own indicator. 3 x 0.75 mm2.

C-LH4
460117

100-m halogen-free hose-cable extending the row of devices. 2 x 1.5 mm2 power cable + 2 x 0.34 mm2 twisted and shielded cable for the RS-485 bus.

C-DD40-P
460293

40cm halogen-free hose-cable, to connect displays internally inside Panel parking. 2 x 1.5 mm2 power cable + 2 x 0.34 mm2 twisted and shielded cable for the RS-485 bus.

Cable Cat.5 (305mts)
230003

305-m UTP communication cable, category 5. Unshielded cable, four twisted pairs WG26.

Counting system

Level & Area counting system with full range of detectors and information panels for Indoor & Outdoor parking facilities.

With 3 different types of detection that fit any situation to control the access into different areas with reduced equipment and high levels of accuracy.

Autonomous Control Units to automatize the counting and control of any area and with the power of the CirPark Scada embedded inside them, giving the power to put intelligence in the system.

Detectors

Inductive Loop Detectors
INDOOR/OUTDOOR

Fotocell crossing-zone Detectors
INDOOR/OUTDOOR

Ultrasonic crossing-zone Detectors
INDOOR/OUTDOOR

Displays

Advanced Range
INDOOR

Basic Range
INDOOR

Panels
OUTDOOR

Guidance
OUTDOOR

Control

Control Unit for crossing-zone detectors
INDOOR/ OUTDOOR

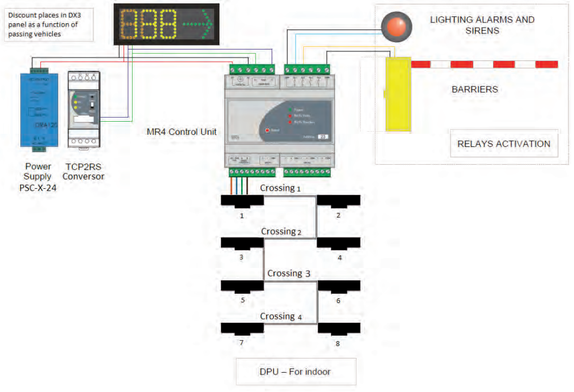
Converter
INDOOR/ OUTDOOR

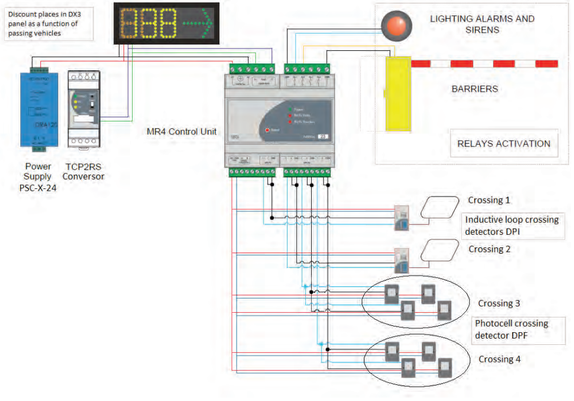
Basic Controller
INDOOR/ OUTDOOR

Controller
INDOOR/ OUTDOOR

Server
INDOOR/ OUTDOOR

License
INDOOR/ OUTDOOR





iPark / Counting System

Detectors

MR4/dp
460111

Vehicle counting equipment. Control unit for inductive loop, photocell or DPU pass detectors. Power supply: 24 Vdc. Consumption: 1 W + (Number of zones x 1,6 W). Communications via RS-485. 8 digital inputs for control of up to 4 pass-zones. Additional RS-485 input for control of up to 4 DPU. Incorporates 4 relay outputs for automation, depending on the occupation. Storage memory for the 4 pass-zone counters.

DPF
460114

Vehicle flow detector using infrared photocells. Set of two modules with two photocells each (transmitter-receiver). Input power: 24 V DC. Activation by digital input in MR4/dp.

DPU
460133

Ultrasound vehicle flow detector. Set of two ultrasound sensors. 24 V DC input power. Consumption: 2 x 0.8 W. Communication: RS-485 with MR4/dp. Socket for installation in tube included

DLI
140022

Inductive loop detector. Input power: 230 Vac. Consumption: 1.5 VA. Control with one inductive loop. Activates a relay when a detecting a metal mass on the loop. Possibility of adjusting the sensitivity. Adjustable pulse type, during or after detection.

DLI-24
460219

Inductive loop detector. Input power: 24 V DC. Consumption: 1.5 VA. Control with one inductive loop. Activates a relay when a detecting a metal mass on the loop. Possibility of adjusting the sensitivity. Adjustable pulse type, during or after detection.

DLI-PARK
460180

Inductive loop detector. Input power: 230 Vac. Consumption: 1.5 VA. Control of two inductive loops. Activates a relay when detecting a metal mass on the loop. Possibility of adjusting the sensitivity. Adjustable pulse type, during or after detection.

DLI-PARK-24
460220

Inductive loop detector. Input power: 24 V DC. Consumption: 1.5 VA. Control of two inductive loops. Activates a relay when detecting a metal mass on the loop. Possibility of adjusting the sensitivity. Adjustable pulse type, during or after detection.

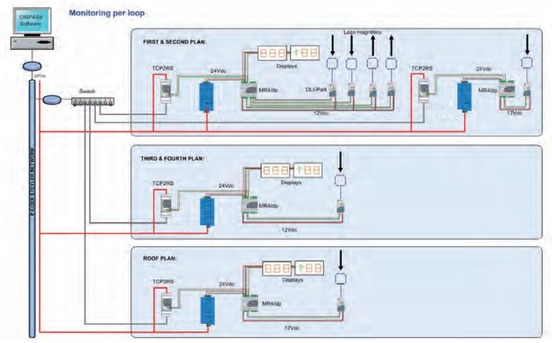
LC-720
460503

Infrared detector, 90º wall, 1000 W load, 12 m, for pedestrian detection and intelligent management of lighting systems. Input power: 220 V AC

Panel Parking

Panel Parking
460187

Panel with information about the capacity of the car park, per floor or overall. 2-3-4 digit displays. Input power: 24 V DC. Consumption: 2.5 - 4 W per panel. Communication: RS-485. Digit colour: amber - red. Brightness intensity adjustable by software.



Control & Software

TCP2RS+
310029

Industrial RS-485 to TCP-IP Ethernet communication converter. RS-232/RS-485 opto-isolated port. Input power: 230 V AC. Consumption: 2 VA. DIN rail.

CDU-TCP-PARK
460233

Parking Concentrator, with Management and Information storage capacity. Control of Equipment throught Bus RS485, for Counting Systems, Energy Efficiency, Electrical Car Charging Stations and Automation. Incorporates a CirPark Scada embedded limited distribution. It has 4 digital inputs and 4 relay outputs. 10BaseT / 100Base TX Ethernet Port. 230 Vac power supply.

CONEC-PARK
460199

CarPark concentrator to manage autonomously iPark systems with a 500 bay capacity parking, ledPark lighting and energy efficiency systems and evPark charge stations for electrical vehicles. It includes an embedded CirPark Scada Engine. Power with 230Vca.

CIRPARK SCADA LT
610111

Car park management Scada software. LT Version for Counting and Autonomous Control Solutions.

Find Your Car

Powerful system able to provide car-finding solutions based on QR Code or License Plate Recognition within lanes or in each parking space, offering users the location and route to their own car via the user application.

Features

License Plate Recognition by lane or within defined zones in small parkings to facilitate the user car location.

Car Recognition within each special parking space, like EV Charge spaces or VIP for reservation purposes.

Powerful functionality combined with CirPark guidance System to provide car location service with no loss of reliability.

Cameras

Three Bay camera
INDOOR

Lane Cameras
INDOOR/OUTDOOR

Terminal

Kiosk User Interface
INDOOR

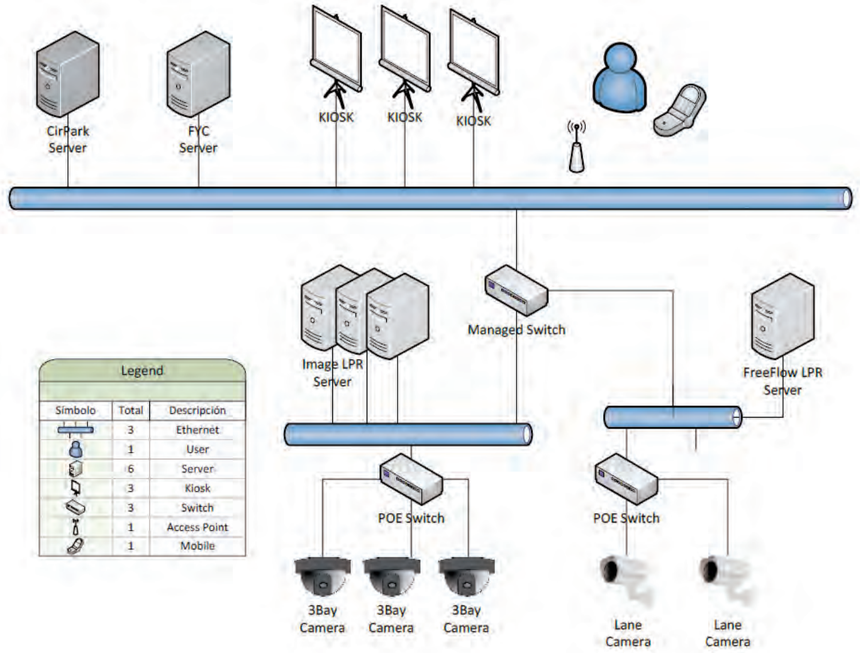
Control

Concentrator
INDOOR

Ethernet Swich Units
INDOOR

Server
INDOOR

License
INDOOR



iPark / Find Your Car

Cameras

FYC-3BAYCAM
460711

Domo Camera with autozoom 2.8-12mm and vandalproof for LPR each 3 parking spaces. 3MP resolution (H.264/H.265). IR cut filter with 30m range. External POE included. HD lens 1/2,9" SONY sensor CMOS low ilumination.

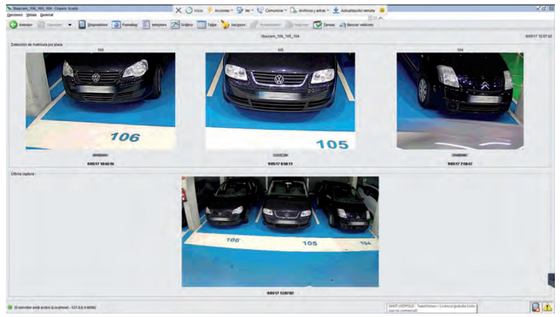
FYC-LANECAM K
460710K

Domo Camera with autozoom 2.8-12mm and vandalproof for LPR by zone. 3MP resolution (H.264/H.265). IR cut filter with 60m range. External POE included. HD lens 1/2,9" SONY sensor CMOS low ilumination.

Terminal

FYC-KIOSK
460722

FYC Kiosk, User Interface for Find Your Car system made with galvanic iron. 22" panoramic touch screen. 220Vca/100W power and Ethernet output.



Control

FYC-SWITCHBOX-7P
460720

Ethernet Signal Concentrator for a maximum group of 21 bays with 3BAYCAM LPR cameras. Inlcudes power supply and industrial POE switch for the group of cameras.

FYC-SWITCHBOX-13P
460721

Ethernet Signal Concentrator for a maximum group of 39 bays with 3BAYCAM LPR cameras. Inlcudes power supply and industrial POE switch for the group of cameras.

FYC-SW24PG
460702

Industrial Managed Gigabit Switch

Software

FYC-SERVER-DELUXE
460790-1

High Featured Server for FYC image processing. Includes License Plate Recognition Program in FreeFlow mode. 16 cores equipment with i7 CPU or higher, 16GB RAM memory, 1TB HD and Windows 10 Pro.

FYC-SERVER
460790-2

Server for FYC image processing in static mode (FYC-LIC-IMAGELPR max 1000 bays) or used for as the platform for FYC software (FYC SOFTWARE). Includes License Plate Recognition Program in FreeFlow mode. 4 cores equipment with i7 CPU or higher, 8GB RAM memory, 500GB HD and Windows 10 Pro.

FYC-SW
460750

Find Your Car Software that includes License Plate Recognition per zone and per parking space, interface management of the user kiosk and integration with CirPark.

FYC-LICENSE FREEFLOW-1Z
460750-1

License Plate Recognition for 1 detection zone.

FYC-LICENSE IMAGELPR
460750-2

License Plate Recognition for parking space.

LEDPark

Regulated Led Light system with LED technology, integrated with parking guidance and managed accordingly with real-time occupancy and pedestrian movements. Consumption reduction via Energy Efficiency management. Installation and Maintenance cost reduction thanks to its low power consumption and long-lasting equipment.

Consumption reduction via Energy Efficiency management

Led Park

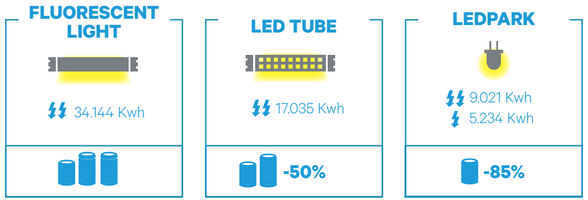
Regulated Led Light equipment with low power consumption. Integrated into CirPark Platform for a full automatic and unattended control.

Energy Efficiency

Consumption and Energy control with integrated management into CirPark Platform for eco-friendly LEED certification.

Owner **Benefits**

Real parking data obtained by Oficial Laboratori



Less than 3 years of Return on Investment, giving high levels of illumination and reducing energy and maintenance costs.

LEDPark

Lighting Modules

BL-PARK
460601

Led module, regulated, of the led-park system. Maximum Consumption: 4W. Anchor bracket in iPark tray and built-in cooling plate. Connection via cable with connector.

DL-PARK-2
460653

Power Driver for Led Lighting Control. Management Capacity 3 to 4 BL-PARK, with an output power of 3W per BL-PARK. 3 cable Input onnection from Power supply 48Vdc and regulation from CL-PARK.

TL-PARK
Comming Soon

COMMING SOON

Regulated led lighting module of the LedPark system. Parking specific light distribution. Power: 48Vdc. Maximum Consumption: 18W. Anchor bracket accessory to clip in iPark tray. Communication: RS-485. Connection via cable with connector for plug&play installation. IP65 equipment with IK08 robustness.

Lighting Control

TCP2RS+
310029

Industrial RS-485 to TCP-IP Ethernet communication converter. RS-232/RS-485 opto-isolated port. Input power: 230 V AC. Consumption: 2 VA. DIN rail.

CL-PARK
460604

Header controller of the ledPark. Power control over voltage regulation 0-10V. RS485 output for control from CIRPARK Software. One module per power supply and for control of up to 30 DL-PARK series drivers.

PK-ENERGY KIT
460188

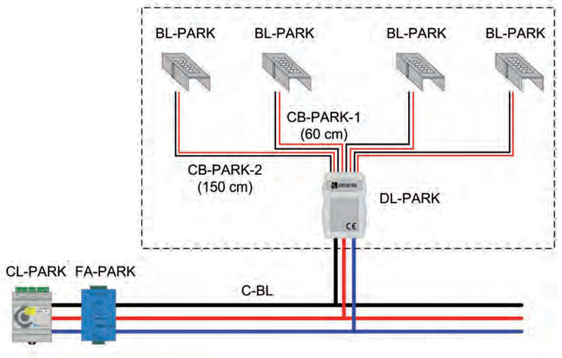
Car park energy management kit. Can be used to manage and control the consumption and electric power of the car park. Kit made up of one CVM-MINI grid analyser + one three-phase measurement transformer.

PSC-480-48
460603

Switched power supply. Input power: 230 V AC. Output voltage: 48 V DC. Power: 480 W. DIN rail.

KIT-PK-SAI-LED
460614

Super Long Life UPS module Ni-MH (nickel-metal hydride). Includes PSC-57 constant current source and switching relay. Rated output voltage: 43.2V. Constant current load. Capacity for 400W charging load, equivalent to 1 hour of uninterrupted illumination with the ledPark system. Extended Temperature Range. It allows communication with SCADA Software for battery status awareness.



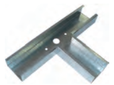
Lighting Accesories

PK-CP245
460170

Blind aluminium tray, 48 mm wide and 2.45 m long.

PK-TSS
460172

T-shaped galvanised-steel accessory to install the SP sensor series.



PK-ELBOW-LED
460609

T-shaped galvanised-steel accessory without holes, to install the bilogy or trilogy in the ledPark system.

PK-E
460175

Galvanised-steel accessory for joining trays.

Lighting Wiring

CB-PARK-1 (0,6)
460605

Wiring unit for connecting CL-PARK to DL-PARK, 2 x 0.50 mm2, including halogen-free connectors and wiring. 60 cm

CB-PARK-2 (1,5)
460606

Wiring unit for connecting CL-PARK to DL-PARK, 2 x 0.50 mm2, including halogen-free connectors and wiring. 150 cm

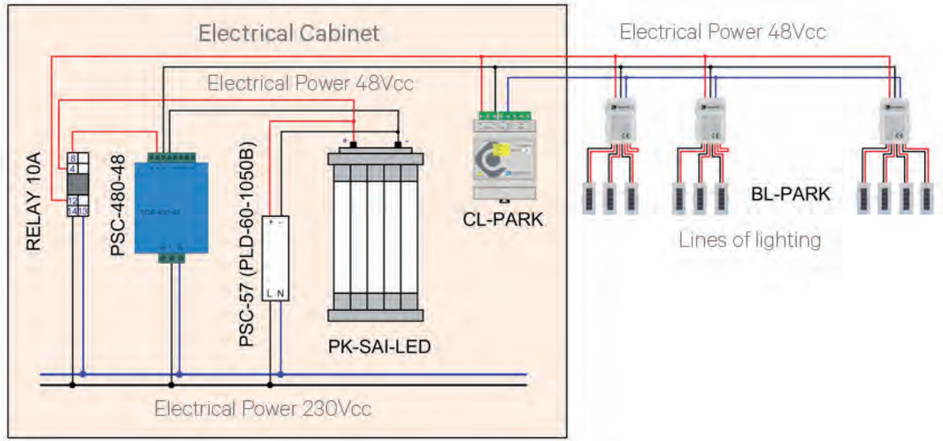
CB-PARK-3-210 (2,1)
460613A

Wiring unit for connecting CL-PARK to DL-PARK, 2 x 0.50 mm2, including halogen-free connectors and wiring. 210 cm

C-BL
460607

100-m Halogen-free power and control-signal wiring for the DL-PARK systems installed: 2 x 6 mm2 + 1 x 0.34 mm2

Electric Diagram LedPark System



EVPark

EVPark is Circontrol's solution for Electric Vehicle (EV) charging in indoor and outdoor parking facilities.

Charging in indoor and outdoor parking facilities

Electrical vehicle chargers

EVPark offers a wide range of EV chargers; wall/ground mount, slow/quick charging, and single/double socket. For indoor/outdoor facilities.

OCPP

To ensure a friendly operation of the chargers by the users and a profitable business model for the parking operator, EVPark solutions use OCPP (Open Charge Point Protocol), widely extended in the Electro-Mobility business.

DLM

The Dynamic Load Management (DLM) system can be integrated with CirPark Platform, offering the most complete solution currently available on the market. DLM system ensures that only the available power of the installation is used, thus maximising its efficiency and avoiding the high cost of its power upgrading.

EVPark

EV Charge Stations Indoor

Interface protocol: OCPP 1,2, 1,5. Enclosure rating: IP54/ IK10. Enclosure material: Aluminium & ABS. Enclosure door lock. Operating temperature: -5 to + 45 ºC. Dimensiones: 450mmx290mmx1550mm. RFID Reader: ISO/IEC14443A/B, MIFARE classic/DESFire EV1, NFC 16,56MGHz, ISO 18092/ECMA-340

WallBox eVolve smart S
WVS0006411

Indoor EV Charger with:
- **Double Type2 socket.**
- **Three phase.**
- **32A max load in 2 x 22KW output format.**
- **Mode 3 Charging.**

WallBox eVolve smart T
WVS0006413

Indoor EV Charger with:
- **Double Type2 socket.**
- **Single phase.**
- **32A max load in 2 x 7,2KW output format.**
- **Mode 3 Charging.**

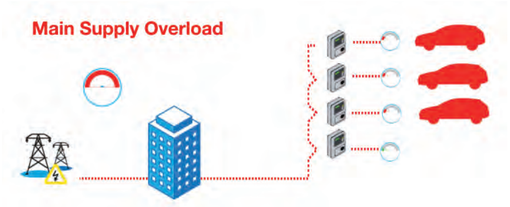
WallBox eVolve smart TM4
WVS00064B3

Indoor/Outdoor EV Charger with:
- **Double Type2 and double Schucko sockets.**
- **Three phase with 32A@22KW and Single phase with 16A@3.6KW.**
- **Mode 3 and Mode 2 Charging functionality.**

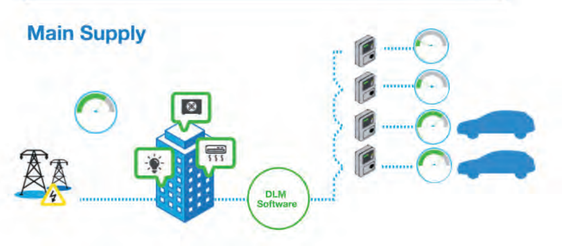
Master Terminal
490015

Multipoint system has been designed as an extremely flexible system. Its special configuration can cater for specific vehicle charging needs of the current market. In addition, it is a scalable system that can control up to 32 charging stations in its most basic configuration.

Without Dynamic Load Management



With Dynamic Load Management



EV Charge Stations Outdoor

Interface protocol: OCPP 1,2, 1,5. Enclosure rating: IP54/ IK10. Enclosure material: Aluminium & ABS. Enclosure door lock. Operating temperature: -5 to + 45 ºC. Dimensiones: 450mmx290mmx1550mm. RFID Reader: ISO/IEC14443A/B, MIFARE classic/DESFire EV1, NFC 16,56MGHz, ISO 18092/ECMA-340

Post eVolve smart T
PVS0006411

Outdoor Charge Point for Electrical Vehicles with:
- **Three phase connection.**
- **2 x (32A Type2) socket.**

Post eVolve smart S
PVS0006413

Outdoor Charge Point for Electrical Vehicles with:
- **Single phase connection.**
- **2 x (32A Type2) socket.**

Post eVolve smart TM4
PVS00064B3

Outdoor Charge Point for Electrical Vehicles with:
- **Three phase connection.**
- **2 x (32A Type2) and 2 x (16A CEE/7) sockets.**

OCPP Integration