" Solutions for Efficient Parking

CIRCONTROL
Mobility & eMobility
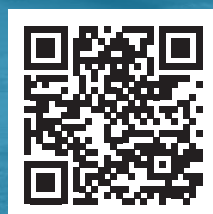
circontrol.com

Circontrol has a network of distributors and representative agents all over the world. For further information please contact:

Headquarter Address:
C/ Innovació, 3 Industrial Park Can Mitjans
08232 Viladecavalls (Barcelona), Spain

Phone: (+34) 937 362 940
Fax: (+34) 937 362 941
Mail: circontrol@circontrol.com

V1.9

CIRCONTROL
Mobility & eMobility

CirPark
SOLUTIONS FOR
EFFICIENT PARKING
Product Catalogue 2019

> **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.

LOCAL PLATFORM

CirPark Scada Software

XML API
Application Protocol Interface open for integrators.

## CLOUD PLATFORM

CirCloud
Server Platform

Cloud API
API for integrators/operators

CirMobile
Mobile Application for Android/iOS it consumes Cloud API

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.
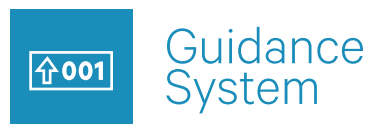
Guidance System

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 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.

Customer **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

PATENTED

Inside Bay Sensor
INDOOR

Displays

VMS Range
INDOOR

RGB Range
INDOOR / OUTDOOR

High Luminosity Range
OUTDOOR

Panel Parking
INDOOR/OUTDOOR

Control

Converter
INDOOR/ OUTDOOR

Controller
INDOOR/ OUTDOOR

License
INDOOR/ OUTDOOR

Server
INDOOR/ OUTDOOR

Accesories

Preconectorized cable
INDOOR

Fixing Elements
INDOOR

iPark / Guidance System / Sensors

Front End Sensors

TRILOGY
460315

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. IP54 Protection.

BILOGY
460313

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 has Red-Green led indicator.

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 Red-Blue led indicator (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.
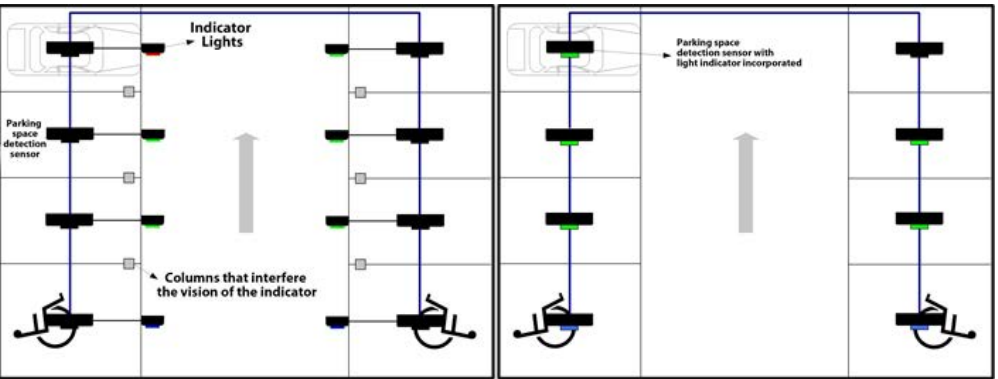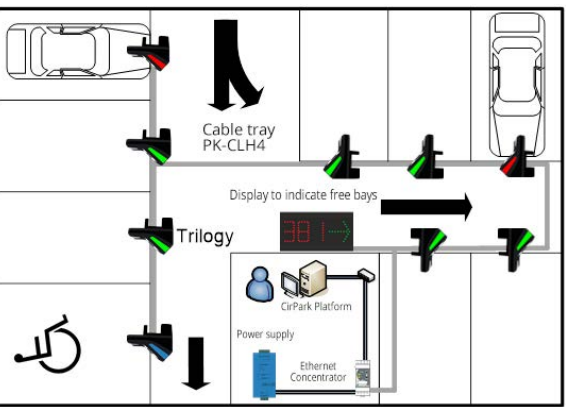
PP1-RB
460132

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.

VMS

DX2-VMS-48
460329

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
460330

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
460331

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-48
460334

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-48
460332

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-48
460328

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-48
460333

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.

RGB

DX2-RGB
460663

Indoor display in mode: [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.
Available on demand.

DX3-RGB
460666

Interior display in mode: [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.
Stock on demand.

DX4-RGB
460669

Indoor display in mode: [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.
Available on demand.

DX2-RGB-P
460661

Indoor display in mode: [Symbol + 2 digits + Cross/Arrow]. RGB LEDs with 120º 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.
Available on demand.

Customizable Backlighted

DX2-RGB-EV	DX2-RGB-M	DX2-RGB-P-P
460661-EV	460661-M	460661-P-P

460664
DX3-RGB-P

Indoor display in mode: [Symbol + 3 digits + Cross/Arrow]. RGB LEDs with 120º 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.
Available on demand.

Customizable Backlighted

DX3-RGB-EV	DX3-RGB-M	DX3-RGB-P-P
460664-EV	460664-M	460664-P-P

DX4-RGB-P
460667

Indoor display in mode: [Symbol + 4 digits + Cross/Arrow]. RGB LEDs with 120º 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.
Available on demand.

Customizable Backlighted

DX4-RGB-EV	DX4-RGB-M	DX4-RGB-P-P
460667-EV	460667-M	460667-P-P

iPark / Guidance System / Outdoor Displays

High Luminosity

OD.11 — **Outdoor display**, indicating the number of parking spaces available, high-luminosity red LED. Digit **height: 110 mm**. IP54. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 VAC.

D2-OD.11 460245 — **Outdoor display 2 digits**. 335mm x 209mm x 70mm. 10W.

D3-OD.11 460145 — **Outdoor display 3 digits**. 335mm x 209mm x 70mm. 15W.

D4-OD.11 460246 — **Outdoor display 4 digits**. 407mm x 209mm x 70mm. 20W.

OD.20 — **Outdoor display**, indicating the number of parking spaces available, high luminosity red LED. Digit **height: 200 mm.** Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 VAC.

D2-OD.20 460247 — **Outdoor display 2 digits**. 514mm x 290mm x 70mm. 25W.

D3-OD.20 460232 — **Outdoor display 3 digits**. 514mm x 290mm x 70mm. 35W.

D4-OD.20 460248 — **Outdoor display 4 digits**. 584mm x 290mm x 70mm. 45W.

OD.30 — **Outdoor display**, indicating the number of parking spaces available, high luminosity red LED. Digit **height: 300 mm**. Luminosity control via software. Aluminium casing. Communication: RS485. Input power: 230 VAC.

D2-OD.30 460242 — **Outdoor display 2 digits**. 676mm x 381mm x 70mm. 25W.

D3-OD.30 460243 — **Outdoor display 3 digits**. 676mm x 381mm. 37W.

D4-OD.30 460244 — **Outdoor display 4 digits**. 676mm x 381mm x 70mm. 48W.

RGB

DX3-RGB-O 460666-O — **Outdoor 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.
Stock available.

Panel Parking

Display OPEN / CLOSED
460808-EN/ESP/FR/CA — **Display LEDs 590x140x40 mm** Text available in 4 languages: English (OPEN/ CLOSED), French (LIBRE/ COMPLET), Spanish (ABIERTO/ CERRADO), Catalan (OBERT/ TANCAT). LED 5mm. Colours: green/red. Digit height: 82mm. Input power: 230 V 50Hz.

Dimensions: 750 x 250 x 100mm
English 460808-EN
Spanish 460808-ES
French 460808-FR
Catalan 460808-CA

**Panel Parking 'P' with OPEN/CLOSED display** — **Panel Parking 'P'with OPEN/CLOSED display.** Structured made off 2 mm aluminium plate. Folded and welded, painted in textured black epoxy. Backlight by LED. Dimensions: 1200mm x 940mm x 130mm. Available in 4 languages: English (OPEN/ CLOSED), French (LIBRE/ COMPLET), Spanish (ABIERTO/ CERRADO), Catalan (OBERT/ TANCAT). 6mm front antivandal polycarbonate with translucent vinyl labelling. Window with display visualization and solar protection film.

English 460807-EN
Spanish 460807-ES
French 460807-FR
Catalan 460807-CA

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
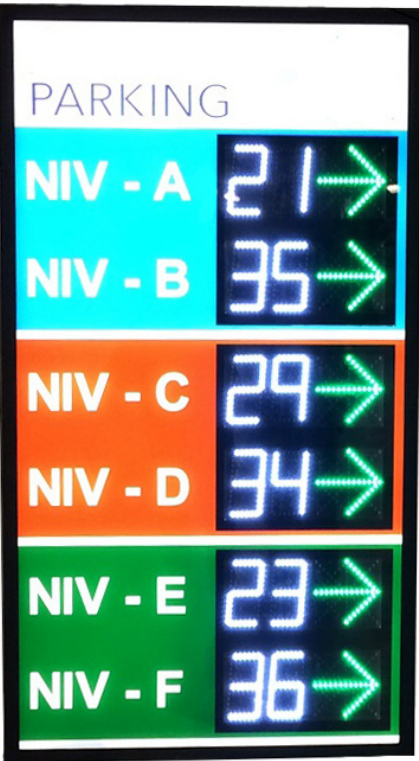
Gateways & Controllers

TCP3RS
460803

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.

Software Licenses

CirPark Scada
610105

Car park management Scada software. Full version.

CirPark Scada Software 1000 Bays
610105-1K

Car park management Scada software. Limited to 1000 parking spaces.

CirPark Scada Software LT
610111

Car park management Scada software. Limited to parkings with no Single Bay Sensor Guidance.

Servers

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.

PK-CPU-ES Spanish version
460310

PK-CPU-EN English version
460311

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.

ECCUPARK
460809

Parking Concentrator, with Management and Information storage capacity. Control of equipment throught bus 485 for iPark counting systems, LedPark lighting and energy efficiency systems as well as EVPark charging stations. Perfect device for automation purposes. Incorporates a CirPark Scada embedded limited distribution. It has 8 digital inputs and 6 relay outputs. 10BaseT / 100Base TX Ethernet Port. 230 Vac power supply. Informa-tive Display with touch buttons. 3G connection with SIM (not included).

Accessories

PK-TFT
460204

TFT 22" Wide Screen with high resolution

PK-SWITCH 8P
460205G

Gigabit Switch 8 ports 10/100/1000 Mbps

PK-SWITCH 16P
460206G

Gigabit Switch 16 ports 10/100/1000 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

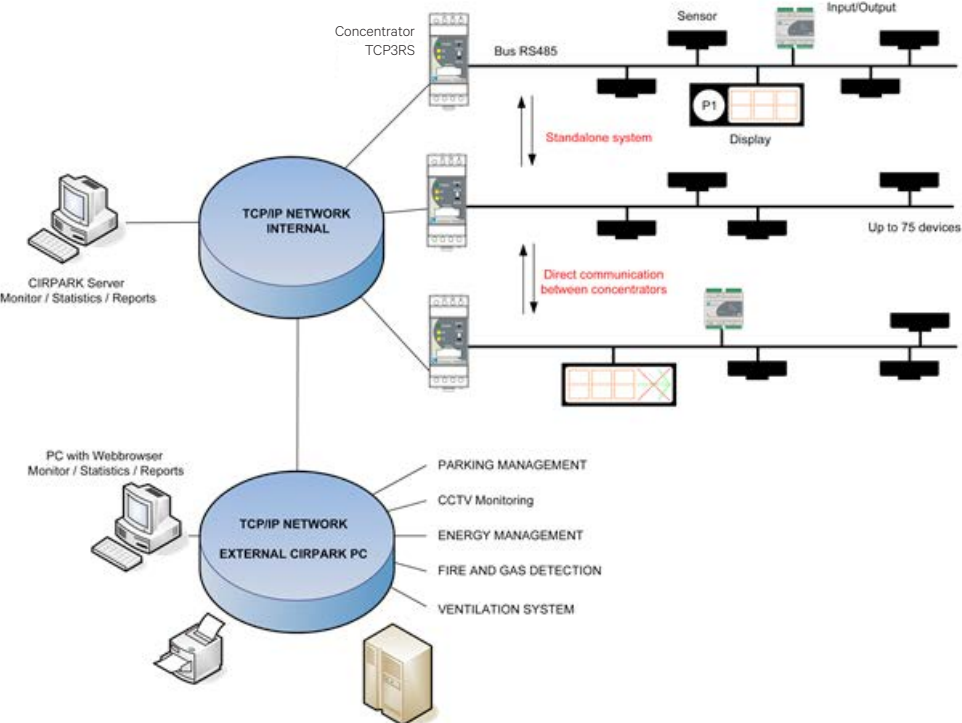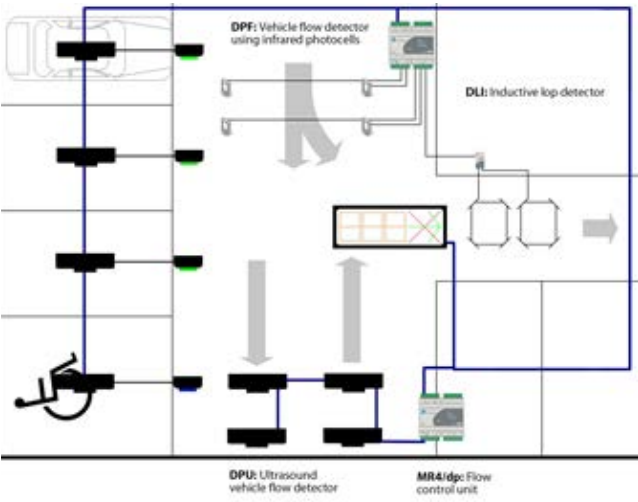**Switched power supply.** Input power: 230 V AC. Output voltage: 48 V DC. Power: 240 W. DIN rail.

PSC-480-48
460224

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

iPark / Guidance System / Accesories

Guidance Accesories

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 BILOGY/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. *Other lenghts available under request

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. *Other lenghts available under request

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. *Other lenghts available under request

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.

This system offers 3 different types of detection to control the access into different areas with reduced equipment and high levels of accuracy.

It includes Autonomous Control Units to automatize the counting and control of any area. This is possible with embedded CirPark Scada that makes this system smart.

Detectors

Inductive Loop Detectors
INDOOR/OUTDOOR

Fotocell crossing-zone Detectors
INDOOR/OUTDOOR

Ultrasonic crossing-zone Detectors
INDOOR/OUTDOOR

Displays

VMS Range
INDOOR

RGB Range
INDOOR / OUTDOOR

High Luminosity Range
OUTDOOR

Panel Parking
OUTDOOR

Control

Control Unit for crossing-zone detectors
INDOOR/ OUTDOOR

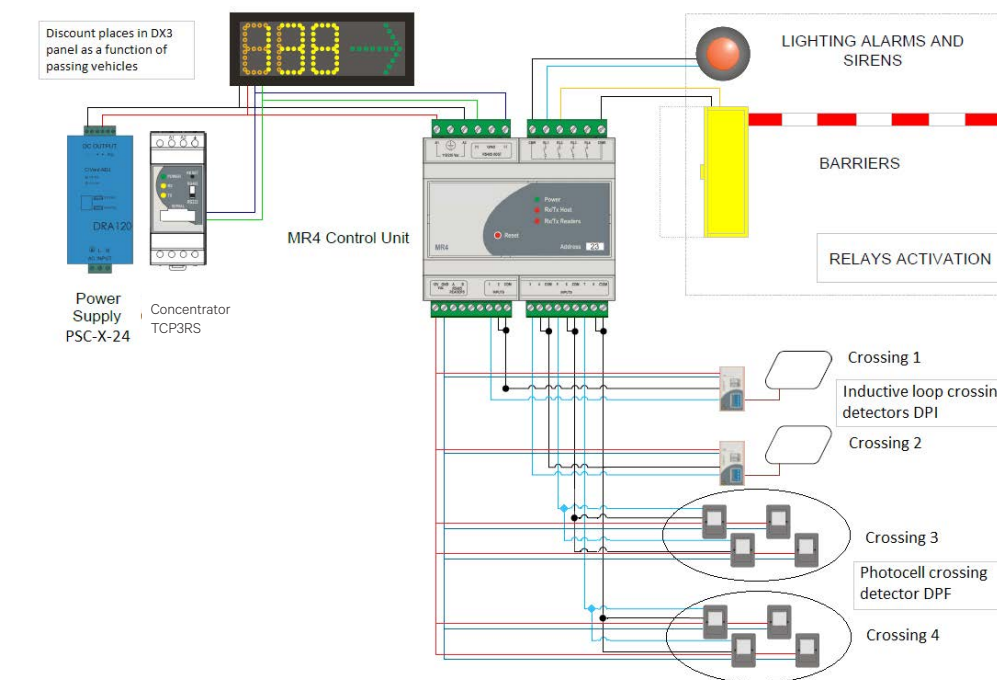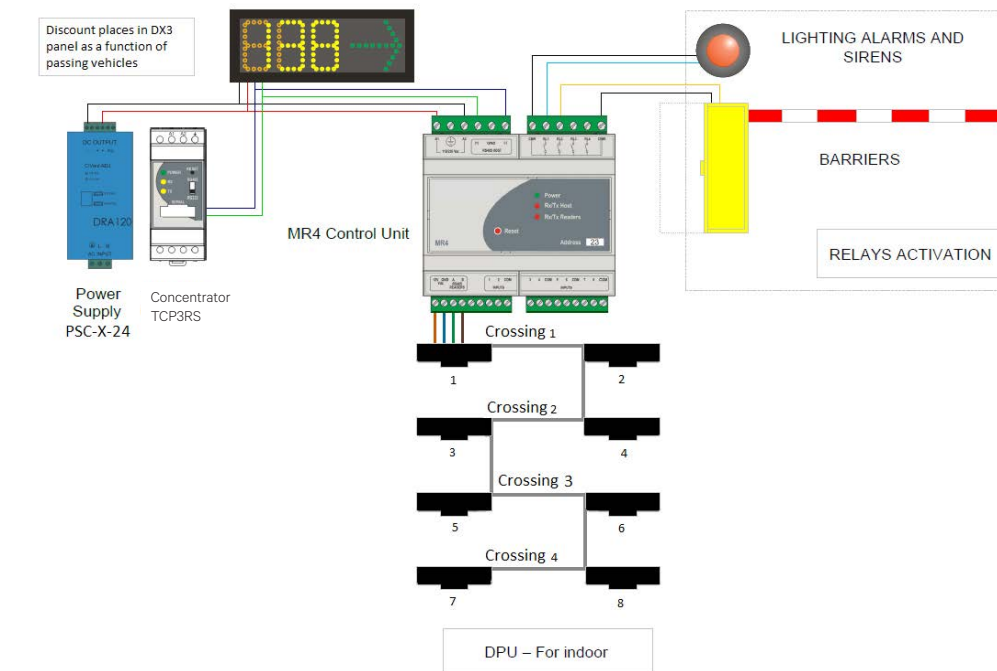

Converter
INDOOR/ OUTDOOR

Ecupark
INDOOR/ OUTDOOR

Controller
INDOOR/ OUTDOOR

Server
INDOOR/ OUTDOOR

License
INDOOR/ OUTDOOR

iPark / Counting System

Detectors

MR4/dp-48
460804

Vehicle counting equipment. Control unit for inductive loop, photocell or DPU pass-detectors. Power supply: 24/48 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. Auxiliar outout: 24 Vdc

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.
Powered directly from MR4/dp-48.

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.
Powered directly from MR4/dp-48.

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

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.
Powered directly from MR4/dp-48.

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.
Powered directly from MR4/dp-48.

Panel Parking

Panel Parking
460187

Panel with information about the capacity of the car park, per floor or overall. 2-3-4 digit displays. Consumption: 2.5 - 4 W per panel. Communication: RS-485. Digit colour: amber - red. Brightness intensity adjustable by software.
- 24/48 Vdc if TCP3RS is located outside
- 220 Vac if TCP3RS is located inside
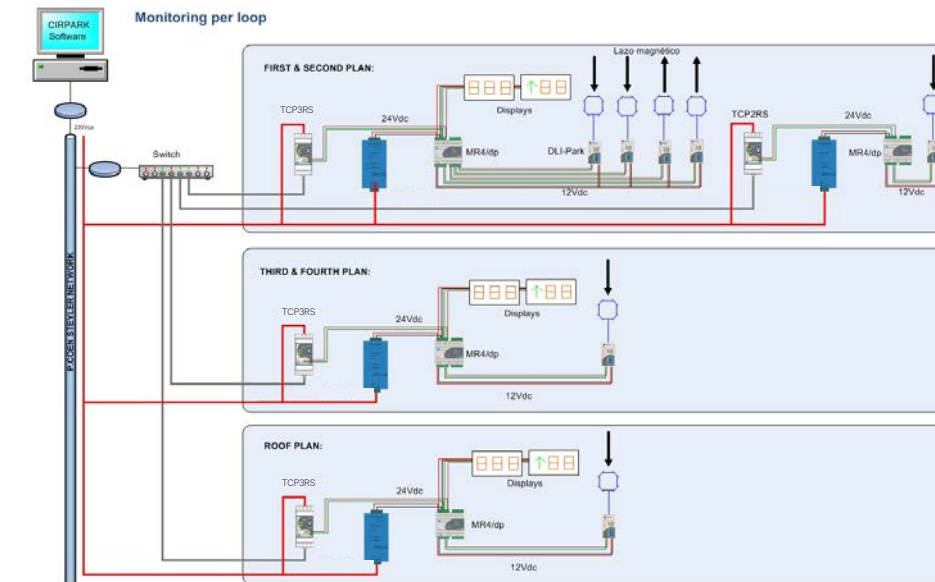
Control & Software

TCP3RS
460803

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.

ECCUPARK
460809

Embedded CirPark Control Unit working as a Parking Concentrator, with Management and Information storage capacity. Control of equipment throught bus 485 for iPark counting systems, LedPark lighting and energy efficiency systems as well as EVPark charging stations. Perfect device for automation purposes. Incorporates a CirPark Scada embedded limited distribution. It has 8 digital inputs and 6 relay outputs. 10BaseT / 100Base TX Ethernet Port. 230 Vac power supply. Informa-tive Display with touch buttons. 3G connection with SIM (not included)

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.

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 user's car location.

Car Recognition within each special parking space, such as EV charging spaces or reserved VIP bays.

Combining Find Your Car with CirPark Guidance System provides a car location service with great reliablity.

Cameras

Three Bay camera
INDOOR

Lane Cameras
INDOOR/OUTDOOR

Terminal

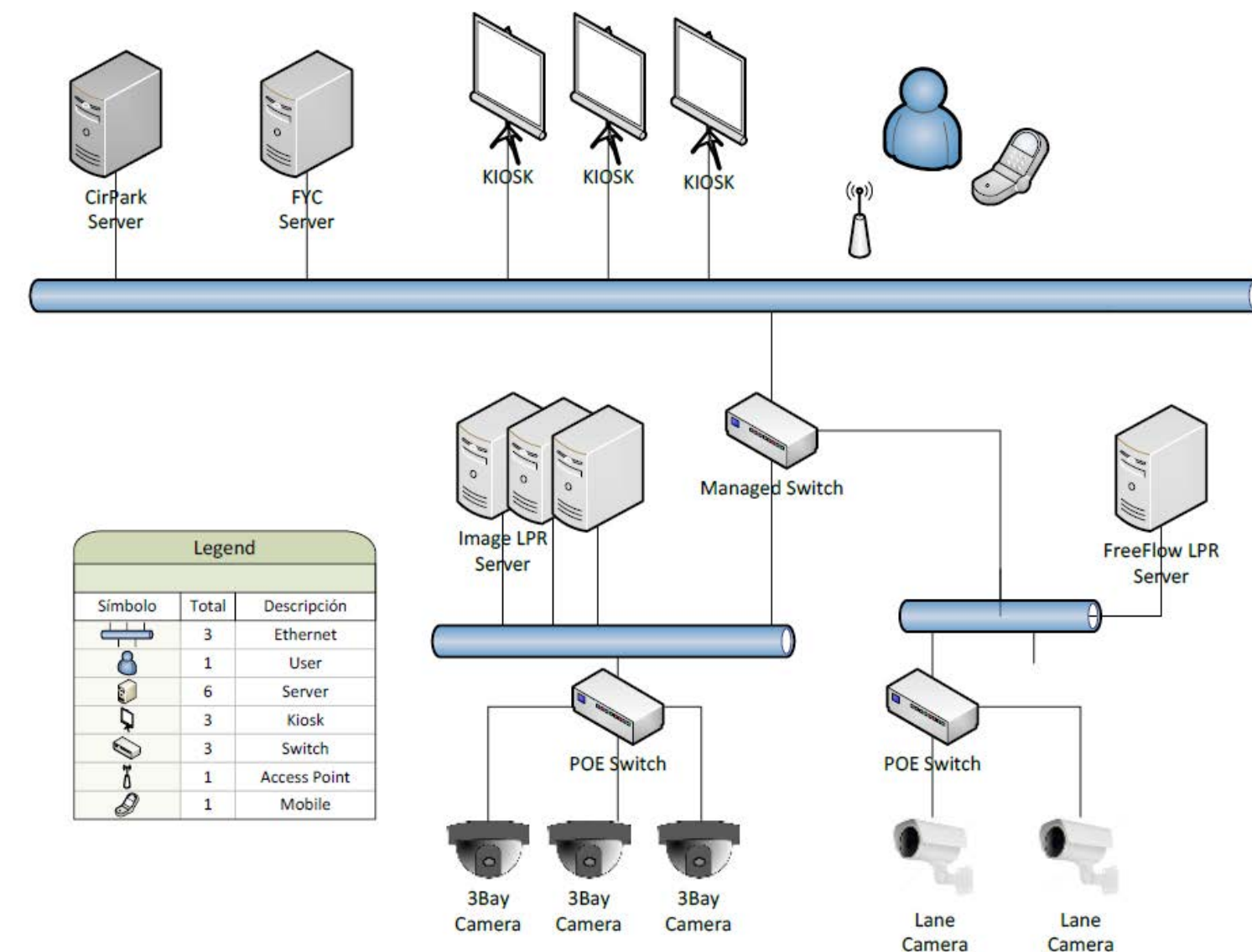**Kiosk User Interface**
INDOOR

Control

Switch POE
INDOOR

Main Gigabit Ethernet Switch
INDOOR

Server
INDOOR

License
INDOOR

CirPark Server — FYC Server — KIOSK — KIOSK — KIOSK

Image LPR Server — Managed Switch — FreeFlow LPR Server

POE Switch — POE Switch

3Bay Camera — 3Bay Camera — 3Bay Camera — Lane Camera — Lane Camera

Legend		
Símbolo	Total	Descripción
	3	Ethernet
	1	User
	6	Server
	3	Kiosk
	3	Switch
	1	Access Point
	1	Mobile

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. It works with FYC-MIDYELPR license.

FYC-LANECAM V
460710V

Bullet 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. It works with FYC-FREEFLOW-1Z license.

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

SWITCHBOX POE
460720

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

Software

FYC-SERVER
Standard 460790-1
Deluxe 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.
Minimum requirements: 4 cores equipment with i7 CPU or higher, 8GB RAM memory, 500GB HD and Windows 10 Pro.
Specification of the FYC-SERVER will be according to the number of zones/levels in FreeFlow mode or the number of PK Spaces in Static Mode.

FYC-FREEFLOW-1Z LICENSE
460750-1

License Plate Recognition for 1 detection zone.

FYC-IMAGELPR LICENSE
460750-2

License Plate Recognition for parking space.