

SMART PARKING MANAGEMENT SYSTEM

Auto cash acceptance and cash less Machines for Smart Parking Payment System



SMART PMS PAYMENT MACHINES

Auto Payment Machines

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SMART PMS PAYMENT MACHINES

Auto Payment Machines

Integrated for smart parking management systems

I- INTRODUCTION

Smart Life is a company solidifying its position as a market leader for automation systems for homes, industries and traffic control, we have a high professional team with over 10-years' experience in Egyptian market.

We are agent to MOTORLINE and PORTAS Portugal's manufactures of automation gates. We have a lot of tools to help simplify life in a smarter way, introducing various automation solutions including mechatronics & programming solutions. We have implemented +750 automation projects in Egypt market and +50 projects in smart parking field.

Vision:

Proudly In House Development

We encourage and approve local products, designed and implemented by our Engineers and assembled in our factory with high accuracy, quality controls, and assurance testing in the field of automation systems for homes, industries and traffic control aside with MOTORLINE® products which we represent.

Mission:

Full Smart Buildings Automation

Produces and commercializes automation systems for homes, industries and traffic control. To automatize customer's life with practical gestures, making it more comfortable and simple, which is everybody's dream, today the dream is coming true, thanks to a various range of products thought by Smart Life, with efficiency and reliability to everyday life.

Prelude:

Smart Parking Technology is our Engineers Development with German, Portuguese and Italian Control boards and component, Smart Life Business develops, installs and provides Parking Technology overwhelming with system features as flexibility, professional expertise and knowledge from various markets, designed for long term capabilities, network and strength performance. keenly focused on enhancing its after-sales services.

All components are designed for simple and rapid maintenance with a modular layout that gives great flexibility for future needs. The automated payment station is linked to the management system by a TCP/ IP network, to allow easy reporting and control from Smart PMS (parking management system).

Working Process:

- Input vehicle number
- click query
- display vehicle entrance image
- click details
- Show the entrance time and payment amount
- confirm to pay (cash, bank card).



SMART PMS PAYMENT MACHINES

Auto Payment Machines

II- Fully Automatic Cash Acceptance Machine: (SPK-PZ0)

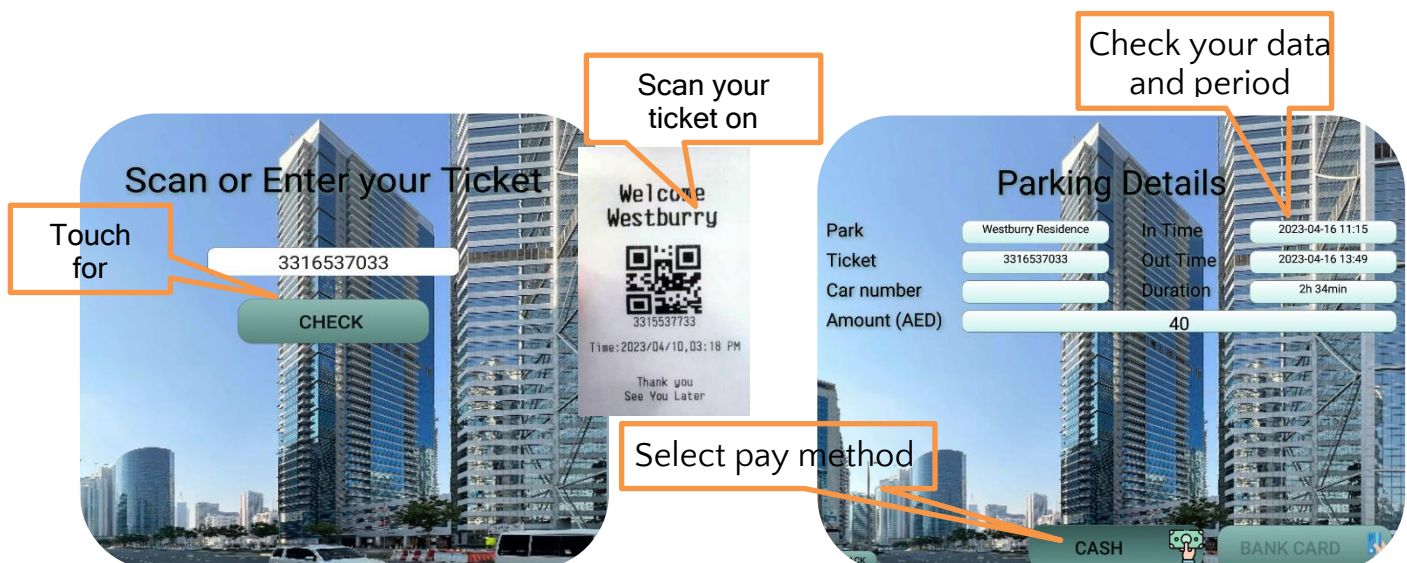
Master Keys:

- 18.5inch Touch Screen
- Receipt printer
- IC/ID card reader Bank swallow machine
- Coin entrance
- Bank card password keyboard
- Video Intercom Supported
- Easy installation & maintenance
- Cost effective
- Customization Availability
- Easy to use plug & play
- Prepaid Memberships and Postpaid Tickets
- Modern design
- Standard analogue intercom
- language: Arabic and English
- Currency: AED or USD or EGP



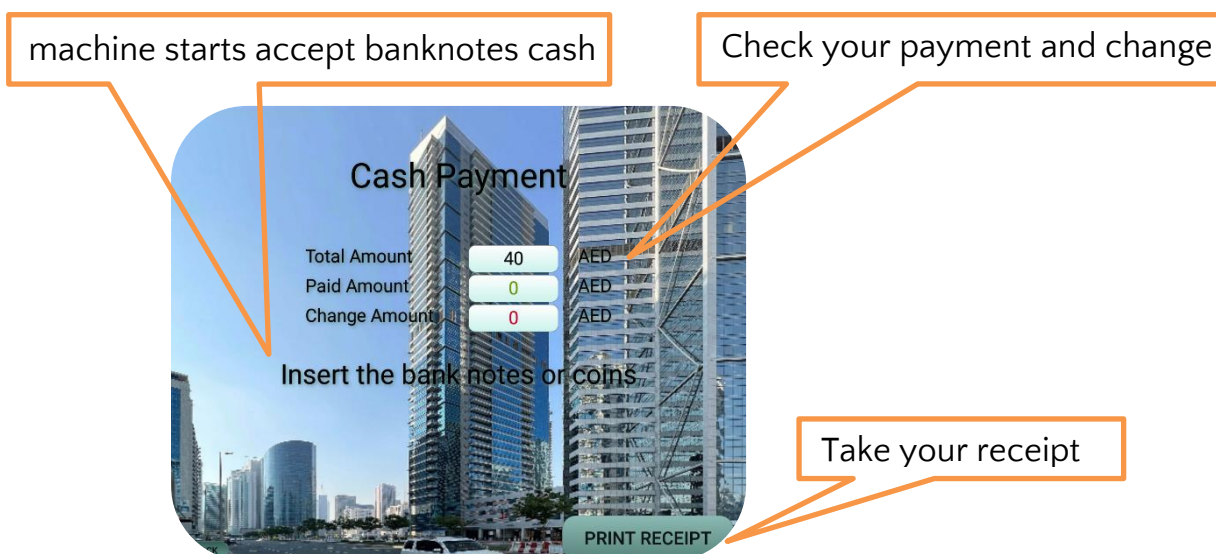
Options:

- Casing color
- Integrated with Smart phone App. for access and payment



Technical Specifications:

Material	Steel plate 1.5mm
Screen	18.5 inch capacitive touch screen
Supports parking system	Credit card, Paper ticket, License plate recognition, Entrance and exit QR code
System	Windows 10
Communication interface	TCP/IP
Network	RJ45,100M
Power supply	220Vac 50/60Hz
Power Consumption	350W
Work temperature	-25/+55 (°C)
IP	44
Work humidity	≤85%
Supported payment	Credit card, Third-Party Payment, Coin, Cash
Protection	Over-Under Voltage Protection Over Current Protection
Wight	100 kg
Dimension	1674*900*502mm
Origin	Made in China

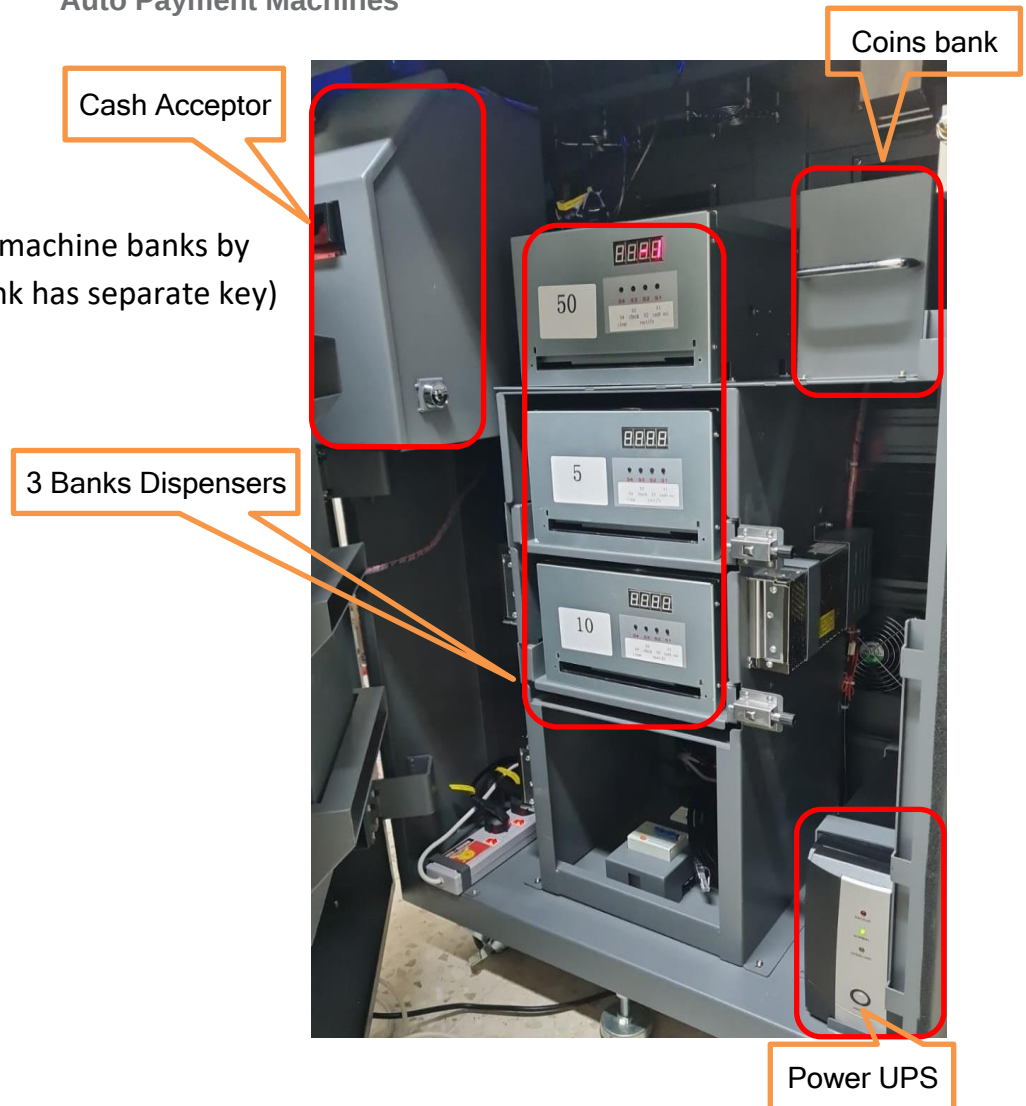


SMART PMS PAYMENT MACHINES

Auto Payment Machines

APM Technicality

- Admin accept and refill the machine banks by using admin keys (every bank has separate key)



APM Periodic maintenance

Title	Periodic check
Check the network efficiency and connectivity between machines, switches, servers and cashier pcs	Daily
Clean and blower the APS money acceptor and change dispensers with an air blower to cleaning the head with dried tissues with a light movement, especially after dust storms	weakly& , after dusty storms
Clean and blower the barcode scanner by with dried tissues with a light movement.	weakly& , after dusty storms
Check and refill receipt paper roll	Every 3 days
Check the screen touch panel is work properly	monthly
Examining and ensuring the efficiency and effectiveness of the machines for accepting and dispensing banknotes	monthly



SMART PMS PAYMENT MACHINES

Auto Payment Machines

APM Troubleshooting

Anomaly	Procedure
Screen is off	Check the power on the barrier control board
Touch panel not work	Check USB cable between screen and control panel
Machine doesn't accept notes	Check USB cable between cash acceptor and control panel or cash acceptor power supply
Machine doesn't dispense the change notes	Check USB cables between cash dispenser and control panel or cash dispenser power supply
SW doesn't open	Restart the machine or contact the technical support
SW get error message	Check network cable or internet connection



SMART PMS PAYMENT MACHINES

Auto Payment Machines

III- Fully Automatic Bank Card only (Visa/Mastercard): (SPK-PZ1)

Master Keys:

- Self-Service Customer Engagement
- QR-Code Camera scanner for tickets.
- IC/ID card reader
- Video Intercom Supported
- Integrate with any type of BMS.
- System is totally TCP\IP or Wi-Fi Network infrastructure.
- Expandable to multi Enter & Exit zones.
- Receipt Thermal with cutter.
- UPS power recovery

To activate bank card payment POS machine & API documents:

- 1- You need to contact the bank to provide a payment interface agreement
- 2- Before you receive the device to use, you need to open a bank business account in your area

Options:

- Casing color
- Integrated with Smart phone App. for access and payment



Machine Main Screen



For administration access

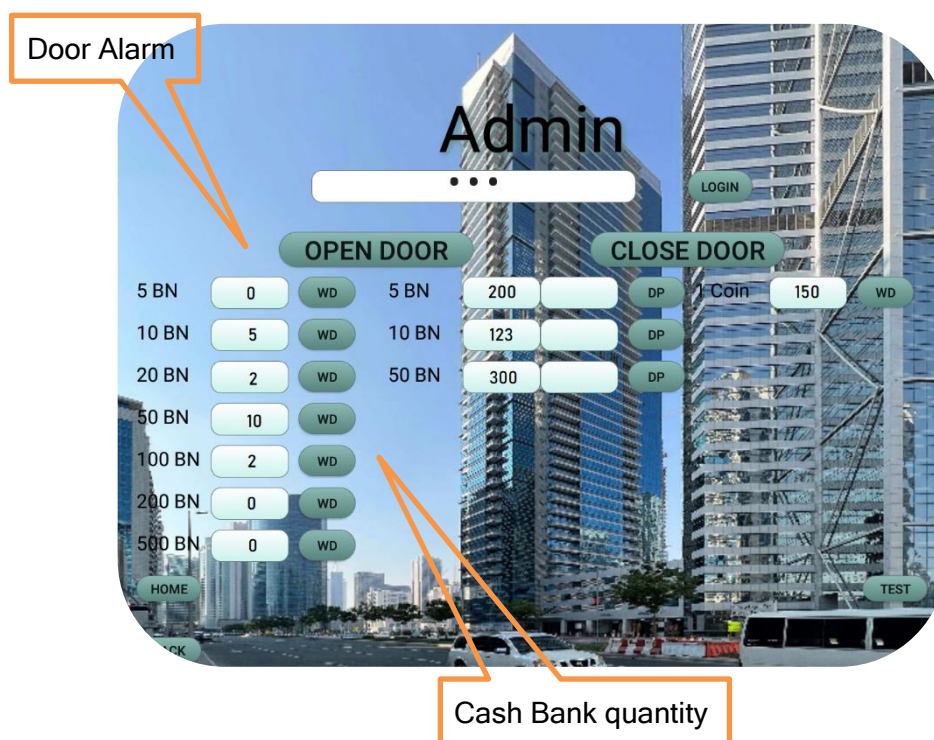


SMART PMS PAYMENT MACHINES

Auto Payment Machines

Technical Specifications:

Supports parking system	Credit card, Paper ticket, License plate recognition, Entrance and exit QR code
Supported payment	Credit card, Third-Party Payment
System	Windows 10
Power supply	220Vac 50/60Hz
Power Consumption	150W
Current Consumption	Max Load Current: 5A
Protection	Overvoltage Protection Overcurrent Protection (Fuse 3A)
Opening/Closing time	3-6 sec
IP	44
Working temp.	-25/+45 (°C)
Work humidity	≤85%
Size	570mm(L)*525mm(W)*1385mm(H)
Wight	50 kg
Origin	Made in China



IV- Mobile App Auto Payment (Android/IOS): (SPK-PZ2)

- Access to nearby located parking spaces, helps navigate the world of smart parking.
- Accessing our gates by your car plate (via park specialized ANPR camera or ticketing system) where you can easily park & pay.

Master Keys:

- Self-Service Customer Engagement.
- QR-Code Camera scanner for tickets.
- Can use mobile NFC reader for access.
- Integrate with any type of BMS.
- Cloud system infrastructure.
- Friendly user interface.
- Soft copy receipt.
- Support for use in multi park.



To activate online payment Gateway & API documents:

1. You need to contact with authorized online payment gateway provider to handle payment interface agreement
2. Before you receive the device to use, you need to open a bank business account in your area

Options:

- Customized screens
- Integrate with access control system
- Add special features

Login Screen





SMART PMS PAYMENT MACHINES

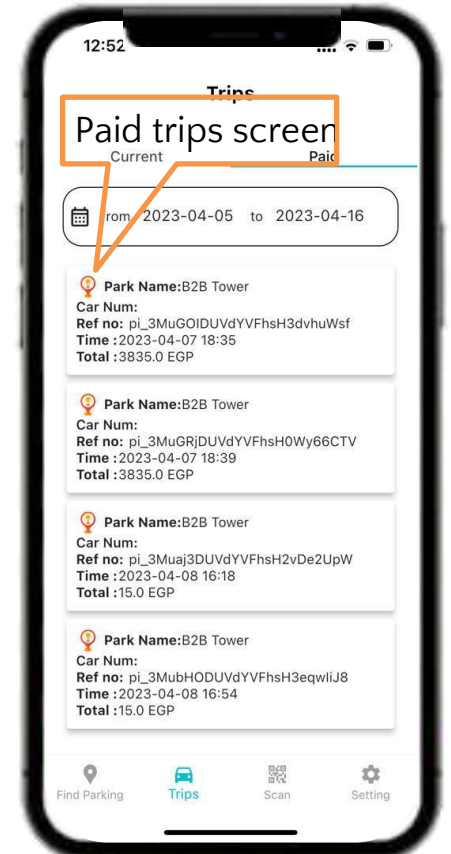
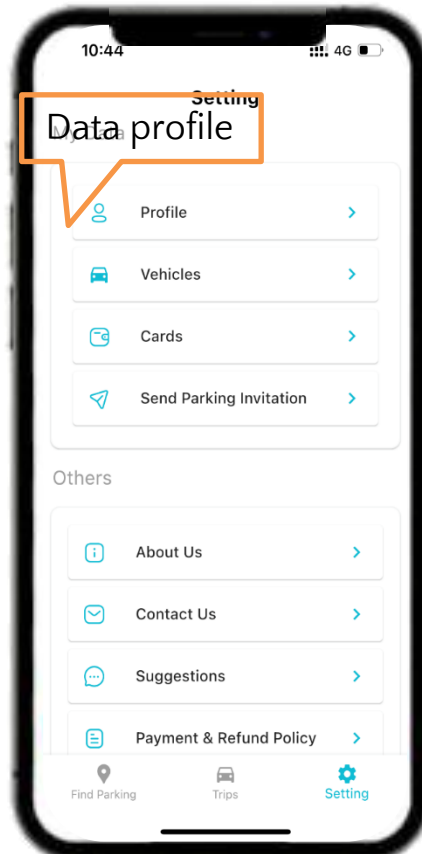
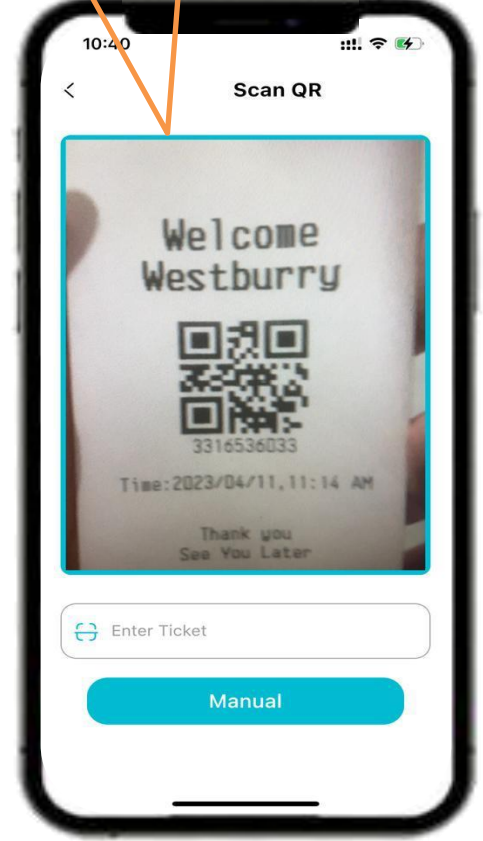
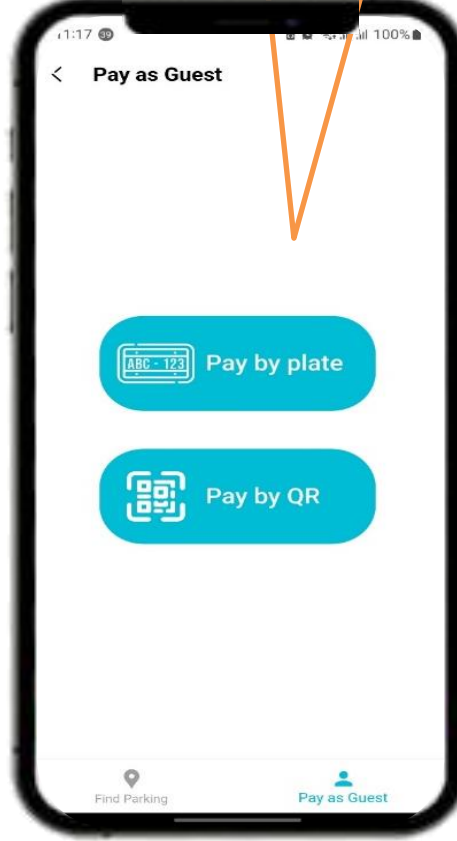
Auto Payment Machines

Screens:

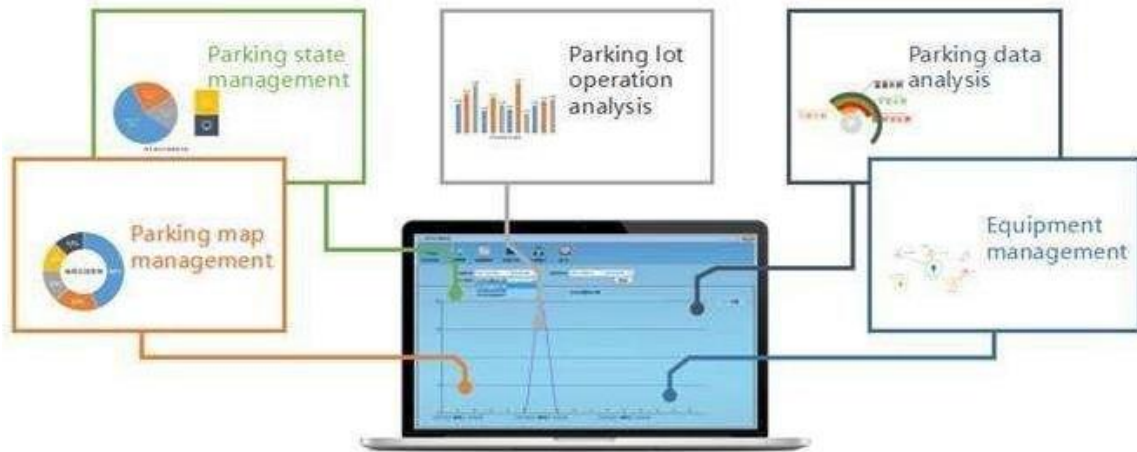
Find nearest park

Select payment type

Scan your ticket



V- Parking Management Software (SPK-AZ2-SF3)



Data Report and Analytics for membership (RFID cards) users or daily use users (Ticket) to follow and management the parking information's.

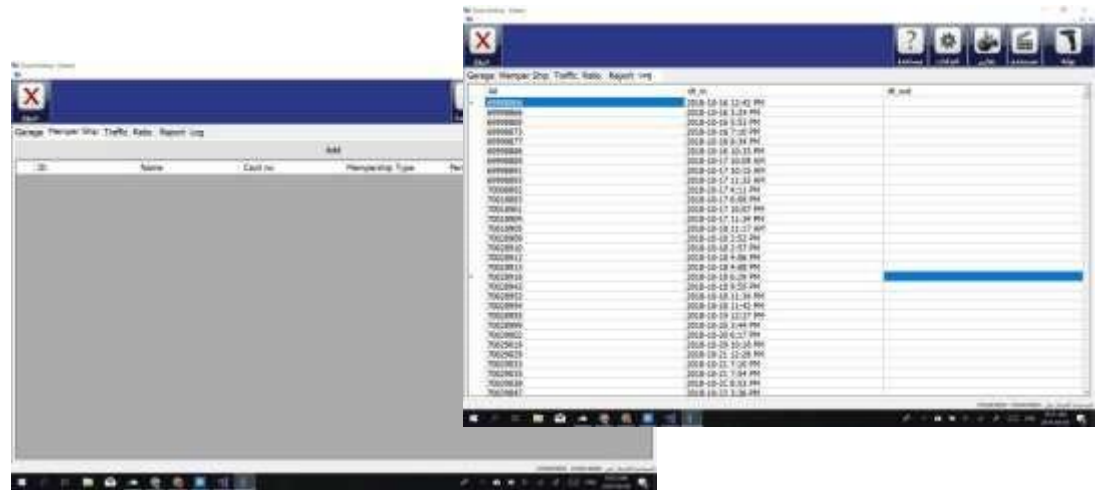
a. Users Control



b. System users setting and fees



- Log Reports



No	Name	Card no	Membership Type	No	Time	Amount
1	70000001	70000001	70000001	70000001	2018-10-16 12:42 PM	1.00
2	70000002	70000002	70000002	70000002	2018-10-16 1:39 PM	1.00
3	70000003	70000003	70000003	70000003	2018-10-16 1:51 PM	1.00
4	70000004	70000004	70000004	70000004	2018-10-16 2:00 PM	1.00
5	70000005	70000005	70000005	70000005	2018-10-16 2:34 PM	1.00
6	70000006	70000006	70000006	70000006	2018-10-16 3:11 PM	1.00
7	70000007	70000007	70000007	70000007	2018-10-16 3:31 PM	1.00
8	70000008	70000008	70000008	70000008	2018-10-16 3:55 PM	1.00
9	70000009	70000009	70000009	70000009	2018-10-16 4:11 PM	1.00
10	70000010	70000010	70000010	70000010	2018-10-16 4:31 PM	1.00
11	70000011	70000011	70000011	70000011	2018-10-16 4:55 PM	1.00
12	70000012	70000012	70000012	70000012	2018-10-16 5:07 PM	1.00
13	70000013	70000013	70000013	70000013	2018-10-16 5:24 PM	1.00
14	70000014	70000014	70000014	70000014	2018-10-16 5:37 PM	1.00
15	70000015	70000015	70000015	70000015	2018-10-16 5:58 PM	1.00
16	70000016	70000016	70000016	70000016	2018-10-16 6:08 PM	1.00
17	70000017	70000017	70000017	70000017	2018-10-16 6:28 PM	1.00
18	70000018	70000018	70000018	70000018	2018-10-16 6:48 PM	1.00
19	70000019	70000019	70000019	70000019	2018-10-16 7:08 PM	1.00
20	70000020	70000020	70000020	70000020	2018-10-16 7:28 PM	1.00
21	70000021	70000021	70000021	70000021	2018-10-16 7:48 PM	1.00
22	70000022	70000022	70000022	70000022	2018-10-16 8:08 PM	1.00
23	70000023	70000023	70000023	70000023	2018-10-16 8:28 PM	1.00
24	70000024	70000024	70000024	70000024	2018-10-16 8:48 PM	1.00
25	70000025	70000025	70000025	70000025	2018-10-16 9:08 PM	1.00
26	70000026	70000026	70000026	70000026	2018-10-16 9:28 PM	1.00
27	70000027	70000027	70000027	70000027	2018-10-16 9:48 PM	1.00
28	70000028	70000028	70000028	70000028	2018-10-16 10:08 PM	1.00
29	70000029	70000029	70000029	70000029	2018-10-16 10:28 PM	1.00
30	70000030	70000030	70000030	70000030	2018-10-16 10:48 PM	1.00
31	70000031	70000031	70000031	70000031	2018-10-16 11:08 PM	1.00
32	70000032	70000032	70000032	70000032	2018-10-16 11:28 PM	1.00
33	70000033	70000033	70000033	70000033	2018-10-16 11:48 PM	1.00
34	70000034	70000034	70000034	70000034	2018-10-16 12:08 PM	1.00
35	70000035	70000035	70000035	70000035	2018-10-16 12:28 PM	1.00
36	70000036	70000036	70000036	70000036	2018-10-16 12:48 PM	1.00
37	70000037	70000037	70000037	70000037	2018-10-16 1:08 PM	1.00
38	70000038	70000038	70000038	70000038	2018-10-16 1:28 PM	1.00
39	70000039	70000039	70000039	70000039	2018-10-16 1:48 PM	1.00
40	70000040	70000040	70000040	70000040	2018-10-16 2:08 PM	1.00

- c. Relations Charts



VI- ATTACHMENTS

1. Product conformance:



EU Declaration of Conformity

It is hereby declared that **Electrocelos - Sistemas Automatizados e Comunicações de Barcelos, S.A.**, located in **Travessa do Sobreiro, 29, 4755-474 Rio Côvo – Barcelos**, obtained and affix the CE marking on the product mentioned below, due to its design and construction method, as well as in our commercialized version, in conformity with the EC directive basics requirements of safety and health. This declaration is invalid if occurs any alteration in the product without our agreement.

Brand: Motorline Professional

Model: KBM6 / MBM6

As such, the product meets with the following European directives:

Directive	Description
2006/42/EC	Of the European Parliament and of the Council of 17 May 2006 on Machinery.
2014/30/EU	Of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to Electromagnetic Compatibility.
2014/35/EU	Of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of Member States relating to electrical equipment designed for use within Certain Voltage Limits.
2014/53/EU	Of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of Radio Equipment.
2011/65/EU	Of the European Parliament and of the Council of 8 June 2011 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment.

and in conformity with the following standards:

Standard	Description
EN 13241-1:2003 +A1:2011	Industrial, commercial and garage doors and gates – Product standard – Part 1: Products without fire resistance or smoke control characteristics.
EN 61000-6-3:2007 +A1:2011	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments.
EN 60335-2-103:2003 +A11:2009	Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows.
EN 62233:2008	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure.
EN 300 220-1 V. 2.3.1 (2009-04)	Electromagnetic compatibility and Radio Spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 Mw; Part 1: Technical characteristics and test methods.
EN 62479:2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).
EN 55022:1994	Limits and methods of measurement of radio disturbance characteristics of information technology equipment.
EN 301 489-1 V1.8.1:2008	Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

Barcelos, 22 of August of 2017


(Administration)

Electrocelos – Sistemas Automatizados e Comunicações de Barcelos, S.A
Travessa do Sobreiro, n. 29, 4755-474 Rio Côvo, Santa Eugénia - Barcelos
Tel. 253 830 060 • Fax 253 830 068 • mail@motorline.pt • www.motorline.pt

motorline
PROFESSIONAL



Mod.070.4.B

2. Product Registration



هيئة تنمية صناعة تكنولوجيا المعلومات
مكتب حماية حقوق الملكية الفكرية



جمهورية مصر العربية
وزارة الاتصالات وتكنولوجيا المعلومات

شهادة إيداع وتسجيل مصنف حاسب آلي

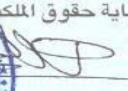
استخرجت هذه الشهادة بناءً على المادة رقم (١٨٦) من قانون حماية الحقوق الملكية الفكرية رقم ٨٢ لسنة ٢٠٠٢ ، والفقرة (ط) من المادة رقم (٤) من قانون تنظيم التوقيع الإلكتروني وإنشاء هيئة تنمية صناعة تكنولوجيا المعلومات رقم ١٥ لسنة ٢٠٠٤ ، وعلى أحكام اللائحة التنفيذية لقانون حماية حقوق الملكية الفكرية الصادرة بقرار السيد رئيس مجلس الوزراء أرقام ٤٩٧ لسنة ٢٠٠٥ ، ٢٢٠٢ لسنة ٢٠٠٦ وعلى قرار السيد وزير الاتصالات وتكنولوجيا المعلومات رقم ١٠٧ لسنة ٢٠٠٥

وقد صدرت هذه الشهادة عن مكتب حماية حقوق الملكية الفكرية بهيئة تنمية صناعة تكنولوجيا المعلومات بناءً على المستندات والوثائق المقدمة إلينا ، وتعتبر كل البيانات والمعلومات الواردة بها جزءاً من البيانات المدونة بسجلات المكتب الورقية والإلكترونية .

رقم الإيداع / التسجيل

٠٠ ٤٠٦٨

مدير مكتب
حماية حقوق الملكية الفكرية




٠٤ إبريل ٢٠٢٢



تاريخ الإيداع / التسجيل :



تاريخ الإصدار : ٢٠٢٢/٠٤/٠٤

سمارت باركينج Smart Parking

رقم الإصدار : (V3.6) تاريخها : ٢٠٢٢/١/١٥

طبيعة المصنف : ☒ برنامج حاسب آلي ☒ قاعدة بيانات ☐ موقع على الإنترنت
 وصف المصنف : نظام تحكم في دخول وخروج الجراجات والمحاسبة بالساعة أو باليوم أو بالإشتراكات الشهرية والسنوية. لغة البرمجة المستخدمة : **SQL, C#**.

تاريخ النشر الأول للمصنف : ٢٠١٩/٦ المولة : مصر
 رقم الإيداع السابق : - بتاريخ : -

اسم صاحب حقوق الاستغلال المالي : **محمد علاء الدين محمد أبو زيد** الجنسية : مصري
"سمارت لايف لأجهزة التحكم الإلكترونية والاستيراد والتصدير"

العنوان : ٣ شارع الشعراوي مضرب الأرز - بندر القيوم - مدينة القيوم - محافظة القيوم
 طبيعة الاستغلال : ☒ إستثنائي ☐ غير إستثنائي
 غرض الاستغلال : - صورة الاستغلال : -
 مكان الاستغلال : - مدة الاستغلال : -

اسم المؤلف : **محمد علاء الدين محمد أبو زيد** الجنسية : مصري
"سمارت لايف لأجهزة التحكم الإلكترونية والاستيراد والتصدير"

العنوان : ٣ شارع الشعراوي مضرب الأرز - بندر القيوم - مدينة القيوم - محافظة القيوم
 سجل تجاري رقم : ٥٢٧٣٧ صادر من : سجل تجاري القيوم بتاريخ : ٢٠١٧/٠٨/٢٧



SMART PMS PAYMENT MACHINES

Auto Payment Machines

3. Agency Contract



Commercial Agency Agreement

Commercial Agency Agreement

For this particular instrument in which they are parties on the one hand,

ELECTROCELOS – Sistemas Automatizados e Comunicações de Barcelos S.A., based in Travessa do Sobreiro nº 29, in Rio Covo (Santa Eugénia), City of Barcelos, Portugal, with NIPC nº 503612871, commercial conservatory registry of Barcelos.

And the company representative,

SMART LIFE FOR CONTROL DEVICES, based in 3rd Sharawy St. - Madrab Elarz - Fayoum - Egypt, with the tax number (NIPC) 547-403-585, represented by the manager, Muhammad Alaa Elden Mohamed.

The signatories of this instrument, duly qualified, have each other, fair and agreed this Private Instrument of Commercial Representation Agreement, which shall be governed by the terms and conditions hereinafter set forth and accepted:

1st Clause

(Definition)

- a) **ELECTROCELOS S.A.** gives **SMART LIFE FOR CONTROL DEVICES**, the commercial representation of product marketing, allowing **SMART LIFE FOR CONTROL DEVICES** to promote the realization of commercial business, touting proposals and requests, to transmit them to **ELECTROCELOS S.A.**
- b) The products, object of this contract, are detailed in the product catalog that has been defined by the parties and will be an integral part of this agreement.
- c) The parties agree that if there is exclusion of one or more products object of this representation, or any addition or substitution of one or more products, **ELECTROCELOS S.A.** will express communication to **SMART LIFE FOR CONTROL DEVICES** indicating to exclude them or include them, as appropriate, of this representation, using this communication as additive and becoming an integral part of this agreement.



electrocelos
Travessa do Sobreiro, nº 29
4755-474 Rio Covo (Santa Eugénia)
Barcelos, Portugal
NIF, 503 612 871



SMART PMS PAYMENT MACHINES

Auto Payment Machines

- Contact Us:

EGYPT

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Hot Line: **0120 8888 208**

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Mobile: **+971 50 974 7583**

Mail: sales@smartlifeae.com