PAL ELECTRONICS SYSTEMS

2023 Products catalog

SPIDER B-WR

PAL
ELECTRONICS
SYSTEMS
www.pal-es.com

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PAL ELECTRONICS SYSTEMS

PAL ELECTRONICS SYSTEMS

We make it smarter

About us...

With more than a decade of innovation, creativity & user friendly technology
we became a market leader with our unique advanced IoT solutions.
Wherever there is a need for a wireless device with remotely managing -
Pal is here to deliver!
From gates-doors-access control solutions to football Arena's lighting control.
Our small wireless devices which were designed by our R&D department became
a game changer within the industry & the favorite choice with our
global distributors & installers.
We are committed to quality,innovation & user friendly WEB interface & APP
to the benefit of all our chain of users: Distributor-Installer-End user.

You are invited to join more than 7 Million satisfied users around the world.

Warning! Using our products can be addictive.

PAL ELECTRONICS SYSTEMS
Why to choose PAL ?

All in one - Pal's user-friendly APP enables to manage & control all your gates & doors from the same App.
Join more than 3 million satisfied users!

Installation - Plug & play devices which ensure a fast & clean installation.

IOT - Our small wireless devices connect to any electric gate/door, lighting control or any place where saving time and remotely control and manage is an essence.

Web portal – Time events, yearly calendar, installation status, time groups and many additional features makes it easy to all our chain of users: distributor-installer-end users to manage and control their device.

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PAL ELECTRONICS SYSTEMS
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PAL ELECTRONICS SYSTEMS
PalGate Application

Pal's user-friendly App enables to manage & control all your gates & doors from the same App
Join more than 3 million satisfied users!

Google Assistant   Google Home   Apple CarPlay

- Opening from anywhere in the world

- Permissions & user management

- Viewing of the last 50 actions.

- Emergency lock.

- Push notification option to indicate a relay status change.

- Multiple devices support for the user.

- Widget to the main screen for quick opening.

- Voice command-Siri-Google home-Google assistance.

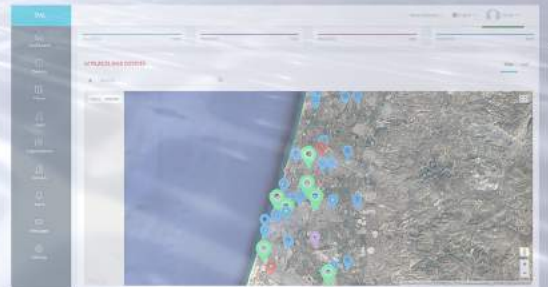- Automatic opening when approaching (in supporting devices)

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PAL ELECTRONICS SYSTEMS
Web portal

- Connecting from anywhere in the world.

- Users & authorization management.

- Log history.

- Time events, time group, yearly calendar, installation status.

- "Control room" – fast opening via the portal. (Additional cost).

- Real time technical data graphs presenting Voltage/
Cellular Signal/Ber Status.

- Advanced parking management - LPR

- Statistic reports.

- All data saved in a secure in the cloud with encrypted
communication.

PAL ELECTRONICS SYSTEMS
SPIDER 50

SPIDER 50

1 N.O./N.C. output
1 N.O./N.C. input

Suitable for private homes, offices, small condominiums

50 PalGate App users
Open by proximity / App / dialing / Siri / Google Assistant
Allowing customize distance opening.
Control with free application or easy web interface*
Real time notifications to Email, push to PalGate app
API*
Unlimited logs*
Timers / events
Programmable Astronomical clock
Import/Export Excel files
Programmable relay pulse width
Support 3G/4G networks
Input voltage 12-24 VDC
Size 50x80 mm

* Optional feature

PAL ELECTRONICS SYSTEMS
SPIDER i

SPIDER i

1 N.O./N.C. output
1 N.O./N.C. input

Suitable for offices and large condominiums,small communities

Unlimited PalGate App users
Open by proximity / App / dialing / Siri / Google Assistant
Allowing customize distance opening.
Control with free application or easy web interface*
Real time notifications to Email, push to PalGate app
API*
Unlimited logs*
Timers/events
Programmable Astronomical clock
Import/Export Excel files
Programmable relay pulse width
Support 3G/4G networks
Input voltage 12-24 VDC
Size 50x80 mm

* Optional feature

PAL ELECTRONICS SYSTEMS
SPIDER i-WR

Suitable for offices and large condominiums, small communities

SPIDER i-WR

1 N.O./N.C. output
1 N.O./N.C. input
Wireless reciever

Unlimited PalGate App users
Open by proximity / App / dialing / Siri / Google Assistant
Allowing customize distance opening.
4000 smart remote controls
Control with free application or easy web interface*
Real time notifications to Email, push to PalGate app
API *
Unlimited logs*
Timers / events
Programmable Astronomical clock
Import/Export Excel files
Programmable relay pulse width
Support 3G/4G networks
Input voltage 12-24 VDC
Size 50x80 mm

* Optional feature

PAL ELECTRONICS SYSTEMS
SPIDER i-WRL

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Suitable for private homes,connection to
Vehicle detector & remote control

SPIDER i-WRL

1 N.O./N.C. output
1 N.O./N.C. input
Wireless reciever

3 PalGate App users
Open by proximity / App / dialing / Siri / Google Assistant
Allowing customize distance opening.
4000 smart remote controls
Control with free application or easy web interface*
Real time notifications to Email, push to PalGate app
API *
Unlimited logs*
Timers / events
Programmable Astronomical clock
Import/Export Excel files
Programmable relay pulse width
Support 3G/4G networks
Input voltage 12-24 VDC
Size 50x80 mm

* Optional feature

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PAL ELECTRONICS SYSTEMS
SPIDER B

2 N.O./N.C. output
2 N.O./N.C. input

Suitable for connecting two adjacent gates, roller shutter, 2 doors.

SPIDER B

Unlimited PalGate App users
Open by proximity / App / dialing / Siri / Google Assistant
Allowing customize distance opening.
Control with free application or easy web interface*
Real time notifications to Email, push to PalGate app
API *
Unlimited logs*
Timers / events
Programmable Astronomical clock
Import/Export Excel files
Programmable relay pulse width
Support 3G/4G networks
Input voltage 12-24 VDC
Size 50x80 mm

* Optional feature

PAL ELECTRONICS SYSTEMS
SPIDER B-WR

Suitable for connecting two adjacent gates, roller shutter, 2 doors.

2 N.O./N.C. output
2 N.O./N.C. input
Wireless reciever

Unlimited PalGate App users
Open by proximity / App / dialing / Siri / Google Assistant
Allowing customize distance opening
4000 smart remote controls
Control with free application or easy web interface*
Real time notifications to Email, push to PalGate app
API *
Unlimited logs*
Timers / events
Programmable Astronomical clock
Import/Export Excel files
Programmable relay pulse width
Support 3G/4G networks
Input voltage 12-24 VDC
Size 50x80 mm

SPIDER B-WR

* Optional feature

PAL ELECTRONICS SYSTEMS
SPIDER WIEGAND 26

2 N.O./N.C. output
2 N.O./N.C. input
Wireless reciever
Wiegand 26 input

Unlimited PalGate App users
Open by proximity / App / dialing / Siri / Google Assistant /
any external Wiegand 26 device
Allowing customize distance opening
4000 smart remote controls
Control with free application or easy web interface*
Real time notifications to Email, push to PalGate app
Wiegand 26 input connection
Unlimited logs*
Timers / events
Programmable Astronomical clock
Import/Export Excel files
Programmable relay pulse width
Support 3G/4G networks
Input voltage 12-24 VDC
Size 50x80 mm

**SPIDER
WIEGAND 26**

* Optional feature

PAL ELECTRONICS SYSTEMS
SG315 Encrypted remote

128-bit encryption - IMPOSSIBLE TO DUPLICATE !
Web management - add/remove remote controls and
 view battery voltage.
Access permission by hours/days/dates
Each remote control can be associated to more than one system.
Unique digital ID (serial number) and encryption key to each
remote control
Working range up to 100 meters
 Option to choose which button will work, in case of 2 gates
in the same range.
 Option to activate a series of remote controls in a few seconds
using one Excel file.
Led light indicator.
Easy battery change
Compatible with all WR-series models

PAL ELECTRONICS SYSTEMS
VD900 Vehicle detector

Easy installation-Wireless - No road quarrying is needed.

Unique ID (serial number) for each one

Full control from web interface

Working range: 15 meters

Pairing with PAL electronics WR series systems

Batery lifetime about 7 years

Timer by hours/days/dates

PAL ELECTRONICS SYSTEMS
LPR All-in-one Parking control

Easy and fast installation without infrastructure
Real time parking lot management and instantly access
all of your data with easy-to-use interface.
Management of a parking lot inside a parking lot
Saves all data and plate images for over 7 years.
Generate reports / statistics.
Limited / separate permissions for each vehicle / user
Guest access with PalGate App for Android / iOS
View time to stay in the car park.
Possibility to integrate with systems for opening via cellular /
smartphone application.
Instant and automatic software updates
All data is fully secure with encrypted connection.

PAL ELECTRONICS SYSTEMS
RFID Long range entry control

Easy installation
System control and management with simple web interface.
Unlimited authorized users (stickers)
Groups for access control by time, days and dates
Records at least 10000 tag numbers in an internal log.
Support all 3G/4G Networks.
1 optical solid state relay output.
3 Indication LED's.
Operating Power 12VDC.
Dimensions control box 70x50x20.5mm

PAL ELECTRONICS SYSTEMS
BT-10 Bluetooth

Control and open gates/doors with free application
Siri and shortcuts (Widgets) support
Control with "PalGate" free application/web interface
Bt-10 device uses Bluetooth Smart 128bit connection
which is extremely complicated to detect..
Unlimited users without subscription
Add/delete users from the application/web interface.
Several gates/doors can be controlled by the application and
multiple phones can be connected to the device.
Operating power 12-24 DC

PAL ELECTRONICS SYSTEMS
Comparison table SG304 vs Spider devices

Features	SG304 devices	Spider devices
PalGate App (Android/iOS)	✓	✓
Bluetooth support	–	✓
Open nearby only	–	✓
Auto open	–	✓
Web management	✓	✓
E-mail / App push notifications	✓	✓
Timers / Astronomical clock	✓	✓
Limit users	✓	✓
Works with very low cellular signal	–	✓
History logs	✓	✓
Import / Export Excel files	✓	✓
Remote controls support (WR models)	✓	✓
Relay output	N.O	N.O. / N.C.
4G Cellular networks	✓	✓

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