

PAL

SPIDER WIRELESS 20 CONTROLLER



Virtual credentials when you want. Physical credentials when you don't.



Wireless - PAL requires no network connection. Its a true plug and play system



7-day automatic unlock/lock schedule



2 input channels with real-time notifications to Email and push to Pal Gate App



APP Based Virtual Credentials - Open the gate or door through an iOS or Android device



Cloud based - easy to use software



1-Input that will alert an unlimited amount of email addresses if your gate or door is left open for a determined amount of time



Manage, restrict, and control all users (virtual credentials)



Up to 60,000 users

Advantages of PAL Spider 20 over previous version



Bluetooth Support - Allows you to use a phone app to open your Gate from anywhere, or to specify a desired proximity for gate users.



Mechanical Relay -The addition of a mechanical relay allows use of the PAL Spider with MagLocks and Strikes without having to use an additional external relay.



Auto Open - Open by proximity using PAL Gate App, dialing, Siri, Google Assistant, or any external Wiegand 26 device



CLOUD-BASED SOFTWARE

The PAL Wireless 20 Controller is operated through an intuitive cloud-based software that gives flexibility to use it from a desktop or through the dedicated PAL application.

You are able to manage multiple access points with a PAL device from a single dashboard, view unlimited event logs, and manage user access. This unparalleled management made easy gives you more power to manage access control.

[VIEW WEB INTERFACE MANUAL](#)

PAL ELECTRONICS SYSTEMS

Comparison Table Legacy vs Spider Devices

Legacy PAL Devices



PAL Spider Devices



Features	Legacy PAL Devices	PAL Spider Devices
PalGate App (Android/iOS)	✓	✓
Bluetooth support	-	✓
Open nearby only	-	✓
Auto open	-	✓
Web management	✓	✓
Email/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)	✓	✓
Replay output	N.O	N.O/N.C.
4G Cellular networks	✓	✓

SPECIFICATIONS

Dimensions	2" x 3" Inches
Input Voltage	12-24VDC
Antenna	3G or 4G
Management	Web Portal and Application
Protocol Support	Wiegand
Power Consumption	30ma

LEDs	Meaning
Fast flashing of the SIM light	System is booting
Slow flashing of the SIM light	Module is looking for a cellular network
2 blinks and break	connecting to the Internet process
Sim LED blinks 4 times	Connecting to the PAL interface
Sim LED blinks slow	Poor signal
Sim LED is stable	System ready
Signal light No. 1 is on	Low signal
Signal light No. 2 is on	Good signal
Signal light No. 3 is on	Very good signal

MECHANICAL RELAY SPECIFICATIONS

Contact Ratings	Maximum Switching Power	30 W, 62.5 VA
	Maximum Switching Voltage	220 VDC, 250 VAC
	Maximum Switching Current	1 A
	Maximum Carrying Current	2 A

VIRTUAL credentials when you want & **PHYSICAL** credentials when you don't.



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