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PAL

SPIDER **WIRELESS** WIEGAND 26 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



Works with ANY Wiegand device (Transmitters, cards, fobs, RFID tags, etc.)



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 (Both wiegand and virtual credentials)



Up to 60,000 users

Advantages of PAL Spider over 1st generation PAL Wiegand devices



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 Wiegand 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 SG304 vs Spider Devices

SG304 Devices



Spider Devices



| Features | | |
|-------------------------------------|-----|----------|
| 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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