

Spintly **ZEON**

Spintly ZEON offers a complete solution for users and visitors by blending QR / Barcode scanning with BLE and NFC access. This ensures easy operation across all levels.



Modes of Access

Spintly ZEON access control system offers various convenient and secure Access modes as below :

- QR access: Spintly ZEON simplifies the authentication process with a quick scan. Users can effortlessly present their unique QR code for swift and efficient access, enhancing convenience for employees, visitors, or customers.
- Mobile Access: Spintly provides mobile-based access control for convenient door unlocking and workplace check-ins via smartphones. By using mobile credentials, Spintly improves security and access management for modern spaces.

Modes of mobile Access

- Click Access
- Tap Access
- Mobile NFC Access
- Card and Key fob access: Spintly offers Mifare credentials for access control and also key Fob access, allowing convenient and secure method for users to access the doors.
- Remote Access: Spintly's app offers secure global access, enabling users to unlock doors from anywhere. This feature enhances convenience and security, making it an ideal solution for modern access control.

Security



AES128 bit encryption on Bluetooth mesh and Mobile communication

Spintly access control system uses AES-128 bit encryption for secure Bluetooth Mesh communication, safeguarding network data and also mobile access security



AES128 bit encryption based diversified keys for Mifare communication

Spintly ZEON use AES128 bit encryption to store and retrieve credential data from Mifare card

ZEON Features



BLE Mesh Networking

With BLE Mesh, devices can communicate with one another over an extended range, enhancing the overall performance and coverage of your access control network.

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Wide Input operating voltage

Spintly ZEON offers versatile compatibility with different input voltages (12V/24V), making it adaptable to various electrical systems. This ensures seamless integration into diverse environments, whether they use high or low voltage power sources.

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Built in RTC and NTP support

Spintly ZEON is equipped with a Real-Time Clock (RTC) and supports Network Time Protocol (NTP). This ensures that the system maintains accurate and synchronized time. Precise timekeeping is essential for access control systems, as it helps in tracking and managing access events accurately.

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Cloud based access management

Spintly ZEON leverages cloud-based access management, allowing administrators to control and monitor access remotely from a centralized dashboard. This feature provides real-time access control management, enabling you to grant or revoke access permissions, track user activity, and receive alerts and notifications from anywhere with internet access

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Adjustable operational distance for Mobile credential access

Spintly ZEON offers the flexibility to adjust the operational distance for mobile credential access such that administrators can finetune the range at which mobile devices, equipped with the appropriate credentials, can gain access to secured areas.

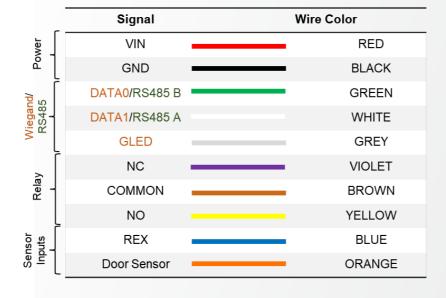


Models & Specifications

Product Variant	Spintly ZEON	
Model Nos	SQR-021	SQR-022
Communications	BLE Mesh, Wiegand Output	BLE Mesh, Wiegand Output/OSDP
Power Input	 Power Voltage ratings: 12V/24V DC Power consumption: 2.4W max at 12V 	
Sensor Inputs	Door sensor switchEgress switch (REX)	
Switch Outputs	Relay FORM C	
Modes of Access	Mobile Access: Click Access Tap Access Mobile NFC Access QR Access HF Card Access Remote Access	Mobile Access: Click Access Tap Access Mobile NFC Access QR Access HF Card Access LF Card Access Remote Access
Typical Read Range	NFC:30mm QR:60mm	
Capacity	Credentials Mobile: 14K NFC: 14K Event Logs Online: No Limit Offline: 40K	 Credentials Mobile: 35K NFC: 35K Event Logs Online: No Limit Offline: 40K
Card Compatibility	HF – High Frequency • iCLASS • MIFARE Classic • MIFARE DESFire EV2	LF - Low Frequency (125 kHz) • HID Prox 26Bit • EM Prox 26Bit HF – High Frequency • iCLASS • MIFARE Classic • MIFARE DESFire EV2
Enclosure	Dimensions: 135mmX50mmX29mm Weight: 150g Housing material: ABS Wall mountable	
Environmental	Operating temp: -25 to +85 degree C Operating humidity: 5% to 95% relative, non-condensing	
Certifications	FCC certified CE certified RoHS compliant	

Wiring Color Code

Model No: SQR-02X



Applications



Commercial Spaces



Educational Institutions



Fitness Centers



Coworking spaces



Warehouses



Manufacturing and Industrial Sites

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