



Spintly AURA

Spintly AURA, the cutting-edge BLE-enabled reader is designed for the highest standards of security and reliability. It offers an enhanced user experience using BLE, allowing users to unlock doors seamlessly using smartphone or NFC cards.

Modes of Access

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

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 enables secure global access, letting you unlock doors from anywhere.

Wave To Access: Spintly Aura introduces a user-friendly 'wave-to-access' feature, allowing users to effortlessly unlock doors with a simple wave gesture, enhancing the overall convenience of 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 readers use AES128 bit encryption to store and retrieve credential data from Mifare card

Aura Features

1 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.

2 Premium Aesthetics

Spintly AURA not only excels in performance but also stands out with its sleek and elegant design, enhancing the overall aesthetics of your space

3 Wide Input operating voltage

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

4 Retrofit with legacy controllers

One of the key strengths of Spintly AURA is its ability to seamlessly retrofit with existing legacy access control systems via Wiegand/OSDP. This implies that businesses and organizations can enhance their security infrastructure without the necessity for a complete revamp.

5 Built in RTC and NTP support

Spintly AURA 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.

6 Cloud based access management

Spintly AURA 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

7 Adjustable operational distance for Mobile credential access

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



Models & Specifications

Product Variants	Spintly AURA BASIC		Spintly AURA LITE	
			Without wave to access	With wave to access
Model No	SAR-01		SAR-02	SAR-02W
Power Inputs	<ul style="list-style-type: none"> Power <ul style="list-style-type: none"> Voltage ratings : 12V/24VDC Power consumption : 2.4W max at 12V 			
Sensor Inputs	Door sensor switch Egress switch (REX)			
Switch Outputs	Relay FORM C			
Typical Read Range	NFC : 3cm			
Modes of Access	<ul style="list-style-type: none"> Mobile Access : <ul style="list-style-type: none"> Click Access Tap Access Mobile NFC Access HF Card Access Remote Access 		<ul style="list-style-type: none"> Mobile Access : <ul style="list-style-type: none"> Click Access Tap Access Mobile NFC Access Wave Access HF Card Access Remote Access 	
Communication	BLE Mesh, Wiegand Output		BLE Mesh, Wiegand Output, RS485 (OSDP)	
Capacity	<ul style="list-style-type: none"> Credential <ul style="list-style-type: none"> Mobile : 25K NFC: 25K Logs <ul style="list-style-type: none"> Online Unlimited Offline : 40K 		<ul style="list-style-type: none"> Credential <ul style="list-style-type: none"> Mobile : 50K NFC: 50K Logs <ul style="list-style-type: none"> Online Unlimited Offline : 40K 	
13.56 MHz Card Compatibility	MIFARE Classic, MIFARE DESFire EV2			
Enclosure	Dimensions : 115L X 47.7W X 30.5D mm Weight : 85g 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 (Based on models)

Model No : SAR-01

	Signal names	Pigtail Color
Power	VIN	RED
	GND	BLACK
Wiegand	DATA0_OUT	GREEN
	DATA1_OUT	WHITE
Relay	GLED	LIGHT GREY
	NC	VIOLET
	COMMON	BROWN
	NO	YELLOW
Sensor Inputs	EXIT Switch	BLUE
	Reed Switch	ORANGE


Model No : SAR-02

	Signal names	Pigtail Color
Power	VIN	RED
	GND	BLACK
Wiegand	DATA0_OUT	GREEN
	DATA1_OUT	WHITE
Relay	GLED	LIGHT GREY
	NC	VIOLET
	COMMON	DARK BROWN
	NO	YELLOW
RS485	RS485 B	LIGHT BROWN
	RS485 A	DARK GREY
	REX	BLUE
	Door Sensor	ORANGE

Model No : SAR-02W

	Signal names	Pigtail Color
Power	VIN	RED
	GND	BLACK
Wiegand/RS485	DATA0_OUT/RS485 B	GREEN
	DATA1_OUT/RS485 A	WHITE
Relay	GLED	LIGHT GREY
	NC	VIOLET
	COMMON	LIGHT BROWN
	NO	YELLOW
Sensor Inputs	REX	BLUE
	Door Sensor	ORANGE

Applications

-  Commercial Spaces
-  Educational Institutions
-  Fitness Centers
-  Coworking spaces
-  Warehouses
-  Manufacturing and Industrial Sites

Contact Us



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