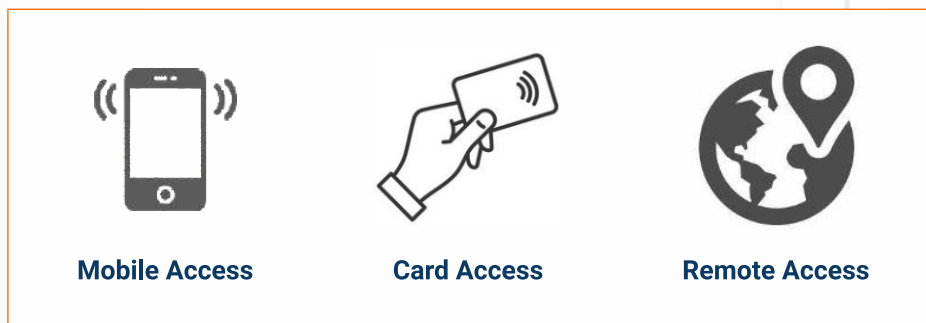




## Spintly AURA

Spintly AURA the advanced BLE and Thread enabled reader by Spintly with highest level of security and reliability. Enhanced user experience with different modes of accesses using Smartphone, and NFC cards to unlock the doors seamlessly.

### Modes of Accesses



### Features

- Thread Mesh connectivity to Gateway
- Wide Input operating voltage
- Retrofit with legacy controllers
- No internet required for access
- Cloud based access management
- Adjustable operational distance for Mobile credential access



**Model No.: SAR-0XX**

### 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
Operating Input Voltage Range	9V to 30V DC			
Power Consumptions	2.4W max at 12V			
Modes of Access	<b>Mobile Access</b> <ul style="list-style-type: none"> <li>• Click Access</li> <li>• Tap Access</li> <li>• Mobile NFC Access</li> </ul> <b>HF Card Access</b> <b>Remote Access</b>	<b>Mobile Access</b> <ul style="list-style-type: none"> <li>• Click Access</li> <li>• Tap Access</li> <li>• Mobile NFC Access</li> </ul> <b>HF Card Access</b> <b>Remote Access</b>	<b>Mobile Access</b> <ul style="list-style-type: none"> <li>• Click Access</li> <li>• Tap Access</li> <li>• Wave to Access</li> <li>• Mobile NFC Access</li> </ul> <b>HF Card Access</b> <b>Remote Access</b>	
Communication	BLE Mesh, Wiegand Output		BLE Mesh, Wiegand Output, RS485 (OSDP)	
Visual Feedback Indication	Tri-colour		Multi-colour	
Typical Read Range	NFC: 3cm			
Capacity	<b>Credential</b> <ul style="list-style-type: none"> <li>• Mobile: 25K</li> <li>• NFC: 25K</li> </ul> <b>Logs</b> <ul style="list-style-type: none"> <li>• Online Unlimited</li> <li>• Offline: 40K</li> </ul>	<b>Credential</b> <ul style="list-style-type: none"> <li>• Mobile: 50K</li> <li>• NFC: 50K</li> </ul> <b>Logs</b> <ul style="list-style-type: none"> <li>• Online Unlimited</li> <li>• Offline: 40K</li> </ul>	<b>Credential</b> <ul style="list-style-type: none"> <li>• Mobile: 50K</li> <li>• NFC: 50K</li> </ul> <b>Logs</b> <ul style="list-style-type: none"> <li>• Online Unlimited</li> <li>• Offline: 40K</li> </ul>	

Product Variants	Spintly AURA BASIC	Spintly AURA LITE	
<b>Enclosure</b>	Dimension: 115L X 47.7W X 30.5D mm Weight: 85g Housing Material: ABS Wall Mountable	Dimension: 115L X 47.7W X 30.5D mm Weight: 98.5g Housing Material: ABS Wall Mountable	Dimension: 115L X 47.7W X 30.5D mm Weight: 105g Housing Material: ABS Wall Mountable
<b>Environmental</b>	Operating temp: -25° to +85° C Operating humidity: 5% to 95% relative, non-condensing		
<b>13.56 MHz Card Compatibility</b>	MIFARE Classic, MIFARE DESFire EV2		
<b>Certifications</b>	FCC, CE, RoHS	FCC, CE, RoHS	

## 10 core Pigtail wiring colour code:

### AURA-BASIC

	SIGNAL	WIRE COLOR
Power	VIN	RED
	GND	BLACK
Wiegand	DATA0_OUT	GREEN
	DATA1_OUT	WHITE
	GLED	LIGHT GREY
Relay	NC	VOILET
	COMMON	BROWN
Sensor Inputs	NO	YELLOW
	REX	BLUE
	Door Sensor	ORANGE

### AURA-LITE

	SIGNAL	WIRE COLOR
Power	VIN	RED
	GND	BLACK
Wiegand/RS485	DATA0_OUT /RS485 B	GREEN
	DATA1_OUT /RS485 A	WHITE
	GLED	LIGHT GREY
Relay	NC	VOILET
	COMMON	BROWN
Sensor Inputs	NO	YELLOW
	REX	BLUE
	Door Sensor	ORANGE

## Security

- AES128 bit encryption on Bluetooth mesh communication
- TLS 1.2 for communication between Spintly cloud and gateway

## Applications



Office Space



Corporate Buildings



Attendance Management



Flap Barriers



Turnstiles

