# Spintly AURA

Spintly AURA is a sleek and advanced access control reader that blends elegant aesthetics with high security and reliability, delivering effortless access through BLE, NFC, and keypad authentication. Built in an IP65-rated rugged enclosure, it is designed to withstand harsh environmental conditions, ensuring consistent performance in both indoor and outdoors




## 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 various HF-High frequency (13.56MHz) and LF-Low frequency (125KHz) cards/key fobs access, allowing convenient and secure method for users to access doors.

**Remote Access**: Spintly app enables secure global access, allowing authorized users unlock doors from anywhere in the world.

**Pincode Access**: Spintly AURA enables users to unlock doors using a touch-based pincode, providing convenient access.

## 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

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## 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
Designed with a sleek, compact form factor, Spintly AURA enhances the visual appeal of modern spaces with a clean, minimalistic design.

### 3 Flexible Form Factors
Flexible Mounting designed for standard gang-box and mullion door mounting, ensuring seamless installation across diverse door and wall configurations.

### 4 IP65 Rated
It is designed to be IP65 rated, safeguarding it against dust and water, making it suitable for outdoor installation in various environmental conditions

### 5 Wide Input operating voltage
It offers versatile compatibility with different input voltages, making it adaptable to various electrical systems(12V-24V)

### 6 Standard OSDP and Wiegand support
It can be integrated seamlessly with existing legacy access control systems via wiegand/OSDP. This implies that organisations can enhance their security infrastructure without the necessity for a complete revamp.

### 7 Wallet credential support
It supports different types of digital wallet credentials providing a seamless and secure solution for accessing controlled environments

### 8 Multi-factor authentication Support
It has multi-factor authentication support wherein any 2 access modes can be used, thus further enhancing security.

### 9 Cloud based access management
It leverages cloud-based access management, allowing administrators to control and monitor access remotely from a centralised dashboard. This feature provides real-time access control management, enabling you to grant or revoke access permissions, track user activity

### 10 Adjustable operational distance for Mobile credential access
It offers the flexibility to adjust mobile credential operating distance, allowing administrators to precisely fine-tune the range at which authorized mobile devices can access secured areas.

### 11 Tamper Proof
It offers a tamper-resistant feature that enhances security against unauthorized access attempts.

# Models & Specifications






| **Product** | **AURA** | | | |
|---|---|---|---|---|
| Form Factors | Mullion | | Single Gang | |
| Product variants | Non Keypad | Keypad | Non Keypad | Keypad |
| Model No | AR-012 | AR-022 | AR-032 | AR-042 |
| Product Codes | ARM-HF-LF | ARM-KP-HF-LF | ARG-HF-LF | ARG-KP-HF-LF |
| Power Input | Power<br>• Voltage : 12V/24V DC<br>• Power consumption : 2.4W max at 12V | | | |
| Communications | BLE Mesh, Wiegand Output, OSDP | | | |
| Mounting | narrow mullion doors | | standard single-gang switch boxes | |
| Card Compatibility<br><br>*HF – 13.56 MHz*<br>*LF – 125 KHz* | HF - High Frequency **(13.56MHz)**<br>• ISO14443A (Mifare Classic)<br>• ISO15693<br>LF - Low Frequency **(125KHz)**<br>• FSK Credential<br>• ASK Credential (EM Prox) | | | |
| Card Read Range | 2 – 7 cm | | | |
| Capacity | Credential<br>• Mobile : 100K<br>• NFC : 100K<br>Event Logs<br>• Online : No limit<br>• Offline : 8K | | | |
| Tamper Switch | Yes | | | |
| Audio and Visual Feedback | Audio : Buzzer monotone sound<br>Visual : RGB LED indication | | | |
| Sensor inputs | Door sensor switch<br>Egress switch (REX) | | | |
| Switch outputs | Relay FORM C | | | |
| Enclosure | IP 65 rated<br>Housing material : ABS<br>Mounting : Standard gang-box mountable | | | |
| Environmental | Operating temp: -30 to +85 degree C<br>Operating humidity : 5% to 95% relative, non-condensing | | | |
| Certifications Compliance | Bluetooth Low Energy connectivity provided by the SPNYH02-C wireless module - (FCC, CE and ROHS compliant).<br>FCC certified (contains FCC ID: 2ATL5S-SPNYH02-C) | | | |

*Card with maximum 48 bit format

## Model Wise Modes Of Access

| | Mullion | | Single Gang | |
|---|---|---|---|---|
| | Non Keypad | Keypad | Non Keypad | Keypad |
| *Model No* | AR-012 | AR-022 | AR-032 | AR-042 |
| Mobile Access (48 bit format) | | | | |
| *Click Access* | ✓ | ✓ | ✓ | ✓ |
| *Tap Access* | ✓ | ✓ | ✓ | ✓ |
| *Mobile NFC Access* | ✓ | ✓ | ✓ | ✓ |
| Card Access | | | | |
| *HF Card* | ✓ | ✓ | ✓ | ✓ |
| *LF Card* | ✓ | ✓ | ✓ | ✓ |
| Keypad Access | | | | |
| | ✗ | ✓ | ✗ | ✓ |
| Mobile Wallet Access | | | | |
| | ✓ | ✓ | ✓ | ✓ |
| Remote Access | | | | |
| | ✓ | ✓ | ✓ | ✓ |

## Applications

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

## Contact Us


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