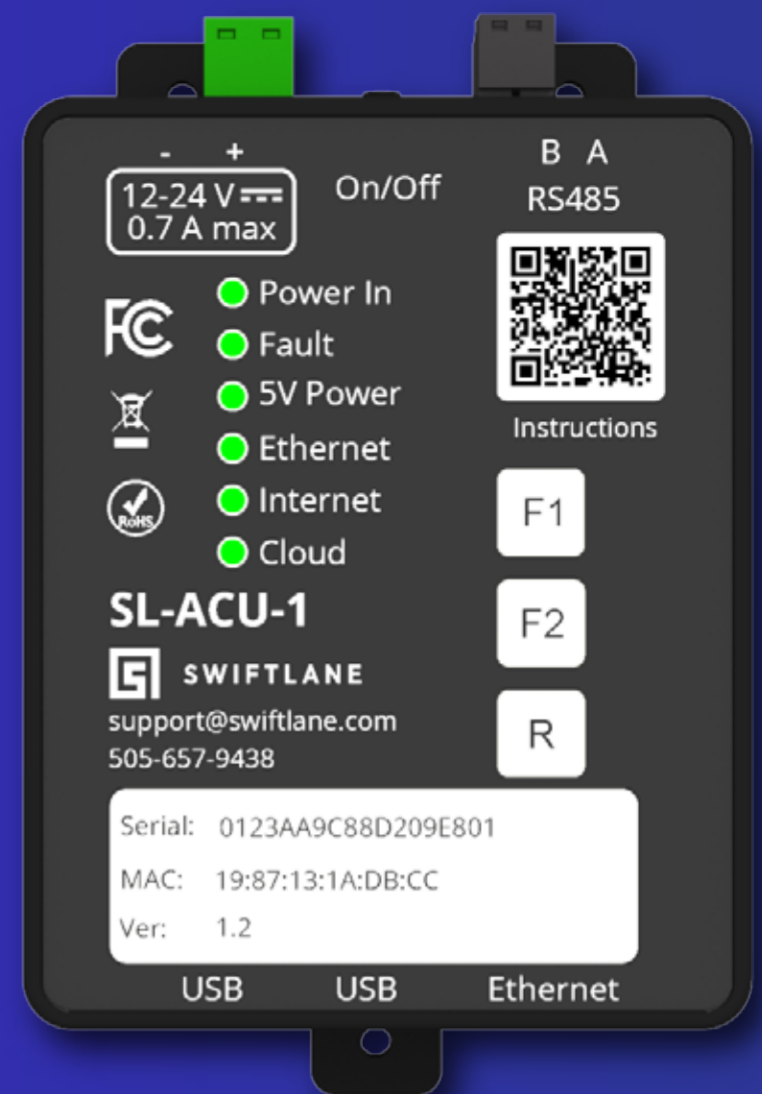




ACCESS CONTROL UNIT

Swiftlane ACU provides a modern, cloud based access control system with offline support.



SL-ACU-1

Swiftlane ACU is a cutting-edge solution designed to provide robust access control with a seamless user experience. Combining offline support with cloud-based connectivity, ACU ensures that your building's access control remains uncompromised, even in the absence of a consistent online connection. ACU works in parallel with Swiftlane's expansion hardware to provide a consistent and secure access control system.

Key Features

- **Offline Support** provides uninterrupted access control even in offline scenarios. Access credentials are stored locally on the system, allowing users to gain access through authorized means without relying solely on the cloud.
- **Cloud-Based Connectivity** to leverage the power of the power of cloud for real-time monitoring, remote management and instant updates.
- **Seamless Intergration** into the existing infrastructure. Swiftlane's existing online system can be upgraded to offline support in a plug-n-play manner.
- **Over The Air (OTA) Updates** ensure that your access control system is safe from the latest vulnerabilities.
- **Event Logging and Reporting** for access events is stored locally and synced in real-time with cloud if an internet connection is available. Access events are periodically synced with the cloud during periods of intermittent connectivity to ensure that no activity is lost.
- **Scalable Solution** for all types of buildings ranging from residential homes to large commercial enterprises. A single ACU can provide offline access control across multiple access points on the same network.

Specifications

Access Control

- Supports upto 100,000 users
- Activity buffer of upto 500,000 events
- Multiple access levels per user
- Supports multiple access schedules
- Supports upto 64 Swiftlane Expansion boards and Intercom readers
- Consistent access control during intermittent cloud connectivity

Power

- Input Voltage: 12V - 24V DC
- Required Current: 1.2A Max.

Connectivity

- Ethernet 10/100/1000 Base-T, CAT-5 Cable minimum

Operating Conditions

- Temperature: 32°F to 122°F(0° to 50°C)
- Humidity: 5% - 85% relative (non-condensing)

Visual Indicators

- 1 x Power LEDs
- 1 x Fault LED
- 3 x Status LEDs

Certifications

- FCC Part 15 Class A
- UL294 Level 1 Compliant

Warranty

- 2 Years Limited Warranty

Mechanical

- Dimensions: 4.90 in. (L) x 3.15 in. (W) x 1.67 in. (H)
- Mounting: 3 x M3 Mounting Screws

