simpleaccess™

Smart Access Control. Simplified.

2500 SERIES
Wi-Fi Keypad

The 2500 Series is a Wi-Fi enabled edge controller & reader combo, removing the need for a separate controller and dedicated hard wiring. Modular by design, this wall or door mounted keypad can be powered via a 12v transformer. Connect multiple types of locking mechanisms, including electric strikes, mag locks, intercoms, lockers and more.

Key Features

- Single door edge controller/reader/keypad combo unit.

- Designed to be easy to install, connect, manage and use.

- Embedded Wi-Fi for standard connectivity. No gateway or hub required.

- Remote control and monitoring from anywhere using your smartphone or laptop.

- Supports passage mode, auto-lock mode and passage schedules.

- Lock retains all programming and data in the event of a power outage or internet interruption.

- Secure bi-directional encryption.

- Access card (MIFARE) and pin code credentials.

- Set notifications for user entry and alerts for unexpected issues.

- Permanent Wi-Fi connection for instant real-time control and updates.

- Utilize temporary codes for guests and visitor management.

- 12V transformer conveniently plugs into outlet near door.

- Works with SimpleAccess software and wireless locks.

- Existing door hardware can remain in place.

SIMPLEACCESS SERIES Overview

The SimpleAccess series of smart locks are ideal for offices, retail, warehouse, clubs, education centers and more. The line is designed to accommodate a variety of doors within these environments, including unit doors, common areas, offices, etc.

2500 SERIES   **4500 SERIES**   **5500 SERIES**   **6500 SERIES**

SimpleAccess locks utilize built-in Wi-Fi to connect directly to the internet via existing Wi-Fi networks, allowing facility managers to affordably extend access control deeper into buildings beyond traditional wired exterior doors. Managed via SimpleAccess' cloud-based software and mobile app, locks can be configured wirelessly to adjust lock settings, manage users, view history, receive alerts and more.

SimpleAccess locks are built for flexibility, accepting multiple credential types including PINs, temporary guest PINs, ReadyPINs (Algorithmic), MIFARE smart cards and BLE mobile credentials (coming soon). SimpleAccess supports remote access control management with remote notifications, monitoring and locking/unlocking doors.

The SimpleAccess wireless locks conveniently offer the exact same functional specifications across all locks for consistency and ease of use. The locks are easy to install and simple to manage through the SimpleAccess web and mobile apps.

Features and Benefits

- Works with SimpleAccess cloud-based, access-control software for whole building access control from anywhere.
- Enables periodic updates from web-hosted applications via built-in Wi-Fi.
- Allows for remote monitoring & control from anywhere via web browser or mobile app.
- Supports multiple credential types including PINs, Temporary Guest PINs, ReadyPINs (Algorithmic), MIFARE Classic Cards.
- Features uninterrupted, door-access usage—lock retains all programming and data even in the event of power outage or router offline.
- Supports passage mode, auto-lock mode and passage schedules.
- Is easy to install, connect, manage and use.
- Features weather-resistant design for use on perimeter doors.
- Allows for setting notifications for user entry and alerts for unexpected issues.
- Offers secure bi-directional encryption.

Works with SimpleAccess Access Control Software

- Eliminates costs of on-site personnel or expensive servers.
- Offers one platform to manage all doors—hard-wired and smart locks, too.
- Integrates with major access control brands such as HID, Mercury, Schlage, Yale, and more.
- Is scalable, easy-to-use, and future-proof.

833.413.0212 | sales@simpleaccess.com | **simpleaccess.com**

simple access ™

SIMPLEACCESS SERIES Specifications

Functional Specifications

Users (PINs & Cards)	Up to 3500
Audits	Continuously updated and stored in SimpleAccess cloud. Up to 1,000 events stored on lock if offline.
Visual Communications	LED (Green & Red)
Audible Communications	• Audible Indicator on keypress (mute option available)
Passage Modes	Passage Mode and Auto-Lock Mode
Schedules	• Lock Schedule (lock/unlock weekly schedule) • Up to 40 Access Schedules (M-F, 9-5) • Up to 20 Access Exception/Holiday schedules • Passage Mode Schedules (alter between passage and auto-lock)
Programming	Via keypad or wirelessly via the SimpleAccess App
Lockout	Defaulted to 5 incorrect entries, field configurable
Wi-Fi	Wi-Fi radio nominal power of 16.5dbm with an approximate range of 100 feet unobstructed
Connection Interval	Intermittent WiFi connectivity defaults to every hour and when keypad pressed. Connection interval can be adjusted between every 5 minutes to every 12 hours. Always On connection possible when using a 12v power supply.
Communication Standards	• 2.4 GHz WiFi (IEEE 802.11 b/g/n) • WPA, WPA2 • HTTPS encrypted with TLS • UDP channel with AES-128 encryption
Communication Ports	53, 80, 443, 55055, 55056 *Some firewall settings will also need to whitelist the lock's Mac Address
Operating Temperature	-31°F (-35°C) to 151°F (66°C)
Additional Functionality via Expansion Card	External power supply input (12-24V), Auxiliary inputs for external control panels & triggers to unlock.

Credential/Access Options

PIN CODES
(4–10 digits, mixed length accepted)

REMOTE LOCK/ UNLOCK VIA APP

READY PIN (ALGORITHMIC)

SMARTCARD

Smart Reader Specifications

Credential Technology	SmartCard (13.56 MHZ)
Standards	ISO standard 14443
Maximum Range	Up to .75"
Smart Credential Compatibility	Secure sector compatibility: Kore26 CSN only compatibility: MIFARE Classic, DESFire, MIFARE, MIFARE DESFire EV1

simple access ™

2500 SERIES Options

12V DC

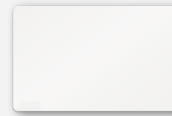| ELECTRIC STRIKE | MAGNETIC LOCK |

Control a variety of 12 volt locks, including electric strikes and magnetic locks.

SimpleAccess 2500 Specifications

- Internal & external use
- Rubber gasket
- Torx security screw
- Anti-tamper switch
- Connects to Wi-Fi
- L: 4.7" W: 2.6" D: 1.5"
- MIFARE card reader
- Mobile Credential (COMING SOON)

MIFARE Classic Cards, Fobs & Tags

MIFARE Classic 1K RFID, 13.56MHz ISO 14443A.

PRINTABLE CARD
Model: ACS-MC

STICKY TAG
Model: ACS-MCST

KEY FOB
Model: ACS-MK

833.413.0212 | sales@simpleaccess.com | **simpleaccess.com**

simple access ™