

SABRE INLINE

The simple, reliable and affordable mobile access upgrade that works with any access control system



Overview

The SABRE INLINE makes it easy to upgrade any existing access control system with mobile access, without giving up support for your physical access cards. When connected between a host reader and a physical access control panel, the SABRE INLINE enables mobile devices and wearables to be used as a replacement or in-conjunction with existing card technologies.

✓ Streamline end-user experience with a single credential

Consolidate all your credentials into one secure, convenient location in the Safetrust Wallet app.

✓ Keep using existing cards and badges

Maintain support for all major cards, fobs, and badges so you can give employees the option of choosing mobile access or keeping their existing credentials.

✓ IoT Data Analytics

Standards based MQTT interface enables high-volume IoT data to be sent from supported devices to an authorised broker.

✓ Multiple I/O Interfaces

Includes 5v input/output trigger, internal/external antennas, Wiegand, RS-485, and Wi-Fi module.

✓ OTA (Over-the-air configuration)

Firmware updates and configuration management can be made over-the-air through the Safetrust Wallet or Wi-Fi module.

✓ Configurable Extendable Range

Activation range can be configured based on environmental requirements. Where an additional range is required, the RELAY supports the use of external antennas for both the BLE and optional Wi-Fi interfaces.

How does it work?

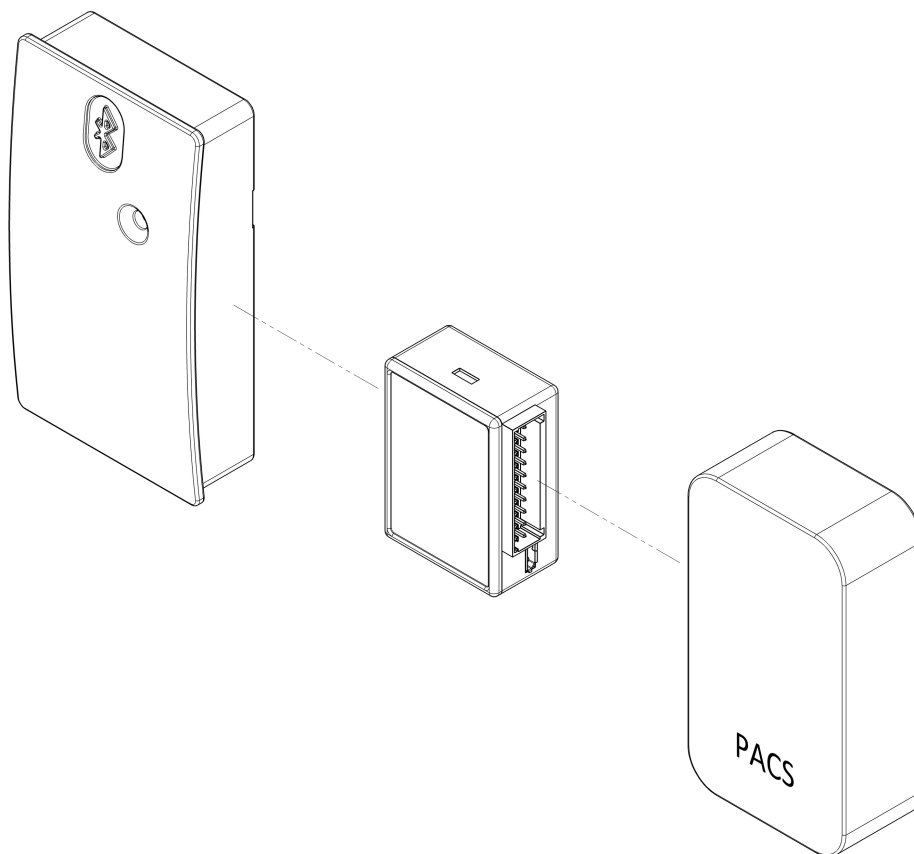
The SABRE INLINE is installed between the existing door reader and the physical access control system. Virtual Credentials are sent from a mobile device or wearable to the INLINE device using Bluetooth Low Energy (802.15.4). The INLINE decrypts the secure virtual credential and sends it to the control panel using industry standard Wiegand or RS485.

The physical access control system authorizes the request for access and triggers an LED and audible response on the host reader.

Installation

The SABRE INLINE is powered from the host controller. By connecting one side of the SABRE INLINE directly to the control panel and the other side of the INLINE device directly to the reader, Mobile Access through the Safetrust Wallet is enabled.

A full wiring diagram can be found in the Install Guide which includes dimensions, antenna instructions, wiring instructions and power-up steps.



Step into the future with Safetrust Mobile Access.



Tech Specs

Description	A mobile access solution that enables support for Virtual Credentials while integrating to your current access control system.
Part Number	8825-000
Hardware	Bluetooth Low Energy 2.400 GHz - 2.4835 GHz
Mobile Operating Systems	Apple iOS 9.0 or later and Android 4.4 and up on devices with the Safetrust Wallet
Compatibilities	Most popular 125kHz proximity formats from HID®, Indala®, AWID®, GE Capi®, and Honeywell®, MIFARE Classic and MIFARE DESFire
Output	Wiegand, RS-485, OSDP v1/v2, OSDP v2 Secure Channel, TTL 5V
Ports	USB, Optical Relay 400mA, External 48V 5A relay
Expansion Ports	Reserved for future communication devices
Bluetooth Range	1 ft to 50 ft (.31 to 15 meters)
Communication	802.11b/g/n 2.4 GHz, 802.1x Authentication, TCP/IP
RF Transmit Frequency	2.4 GHz - 2.48 GHz
IoT Protocol	MQTT (ISO/IEC PRF 20922)
Power Requirements	12 V DC
Power Consumption	Wi-Fi 2 - 50 mA, BLE 2 - 15 mA
Dimensions	39mm x 32mm x 12mm
Encryption	Hardware secure element EAL 6+, AES 256, ECC, TLS, x.509, OSDP v2 SC
Certifications	FCC, CE, RCM, IC
Warranty	2 Years (limited warranty, review warranty for complete details)

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