Quick Start Guide

SA300 SABRE INLINE
SA350 SABRE RELAY

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1 The Bluetooth board is available as a SABRE INLINE or SABRE RELAY reader. If you order the SABRE INLINE it will come without the relay section of the board.

2 Both the SABRE INLINE & RELAY are Bluetooth readers designed to wire into an existing legacy reader from the controller. Also suitable for parking gates, turnstiles and other custom applications.

The Safetrust BLE reader includes Wi-Fi communication which permits two way communication with the credentail manager and suitable for remote configuration or updates through the Safetrust library.

Panel Connector

Black - Ground
White - Wiegand Data 1
Green - Wiegand Data 0
Violet - 5 volt out (Max 500mA)
Brown - Trigger Input 2
Orange - Trigger Input 1
Yellow - Trigger Output 5 volts
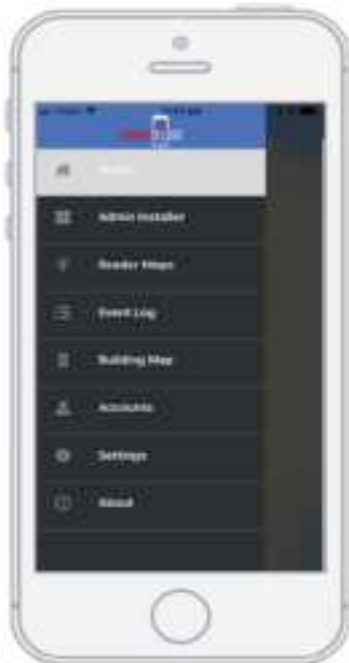Grey - RS-485 A
Blue - RS-485 B
Red - Power (7-25v DC)

Reader Connector

Red - Power (7-25v DC)
Orange - Green LED Out
Brown - Red LED Out
Green - Wiegand Data 0
White - Wiegand Data 1
Blue - Trigger Output 5 volts
Yellow - Trigger Output - Buzzer
Black - Ground

Relay Connector

Gray - Relay trigger output 5 volt
Yellow - Relay trigger input 3
Blue - Relay trigger input 4
Orange - Relay solid state PIN 1
Green - High voltage relay NC
Brown - High voltage relay Common
Violet - High voltage relay NO
Black - Ground
White - Solid state relay PIN 2
Red - Power (7 - 25 v DC)

3 **Panel Connector** - Supports pass through Wiegand or translates Wiegand to RS-485 (OSDP). Includes supplemental I/O for special applications.
Reader Connector - Wires into a legacy reader providing pass through Wiegand, LEDs and buzzer. Supplemental trigger output.
Relay Connector (Relay version) - Offersa Form C relay and solid state relay I/O. Perfect parking gates and other custom aplications.

4 Open the Safetrust Wallet APP and select Admin Installer tab. Make sure your system admin has set you up with this role).

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SABRE INLINE & RELAY

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5 With the Admin Installer tab open from the App, bring the phone in range of the SABRE Module and once visible from the App, highlight and select "Configure".

6 Select the corresponding IDENTITY SYSTEM from the drop down box. Assign a short "Name" and "Description" using alphanumeric characters. Enable the slider for "Self Enrollment" if you intend to allow your users to enroll mobile credential using their existing legacy cards from this reader. Click 'Save' to successfully complete reader configuration.

7 When the SABRE Module information is successfully saved to the Credential Manager, and assigned to the Identity System, the new description will appear in the Admin Installer with a unique serial number assigned.

FCC

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Part 15.21 Statement:

Change or Modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

RF Exposure: Mobile RF exposure device, there shall be a minimum separation of 20 cm between the device and any users or installers.

Canada Radio Certification
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

8 To open the door, simply present your mobile device running the Safetrust Wallet application to the SABRE Module. When the phone is within the configured activation range, the LED within the assigned credential for this identity system will be green in color. If "Auto Authenticate" is enabled for the mobile credential, the credential will be sent to the SABRE Module whenever the mobile device is within the activation zone.

9 The two main configuration options for this are the "Sensitivity Level to Activate" slider, which determines how easily your mobile device with pick up the activation zone, and the "Anti Passback" setting, which defines the number of seconds between each attempt to resend a mobile credential.
To adjust these settings, select the 'Settings' tab from the left navigation panel.

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