

# SABRE MODULE

for HID® iCLASS® Readers



## Overview

The SABRE MODULE is a low-cost, one-minute upgrade that brings fast touchless mobile credentials, supplier-neutral DESFire®, WiFi, and OSDP features to HID multiCLASS® and pivCLASS® readers.

With a simple plug-in installation that requires no re-wiring, the SABRE MODULE delivers enterprise-grade security with leading touchless mobile access technology and support for MIFARE® DESFire EV2 and EV3 credentials from any credential supplier.

The SABRE MODULE also upgrades the host reader into a full IoT connected sensor, providing active scanning of BLE-enabled devices, with additional support for Thread and Zigbee.

## How to order

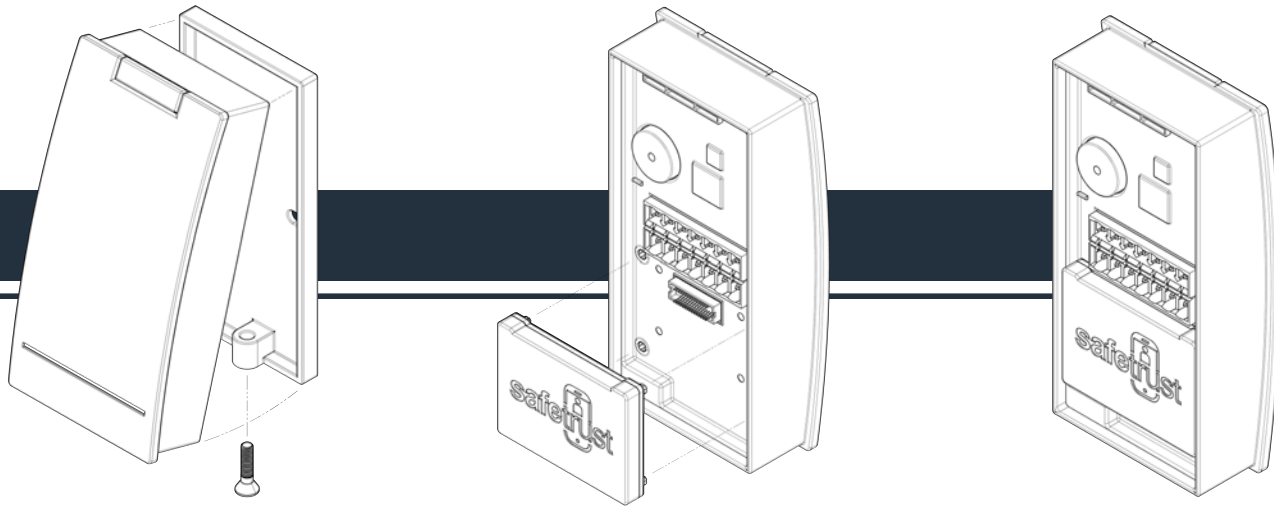
To place an order for the SABRE MODULE, please contact us at [sales@1pcsc.com](mailto:sales@1pcsc.com). For more information, visit [PCSCsecurity.com](https://www.pcscsecurity.com)

## Key Features

- **100% Plug and Play**  
 60-second plug-in upgrade with zero downtime
- **Touchless Access**  
 Transform doors, elevators, parking garages, and more for seamless access using Safetrust mobile credentials, eliminating community touch-points and creating a safer workplace.
- **Supercharge your iCLASS Readers with DESFire EV2 Security**  
 Migrate from Prox and iCLASS credentials to DESFire EV2. Purchase secure credentials from any card vendor, lower your credential cost and open up form factors not supported by HID.
- **Support for Contact Tracing**  
 Obtain person-to-person proximity records for all people in your workplace to confidently find close contacts and contain outbreaks before they escalate.



Upgrade in 60 seconds, with no wiring



**1. Remove reader from wall bracket**

Remove the mounting screw and pull the reader in an 'out and upward' motion to remove it from the wall mount bracket.

**2. Plug in the SABRE MODULE**

Position the SABRE MODULE onto the reader's connector and press firmly to make a solid connection. (Note that the reader's connector is below the wiring — pictured above as a terminal strip but the wiring may alternatively be pigtail.)

**3. Ready to go!**

Once a firm connection is made between the MODULE and the connector, the MODULE will receive power and will be operational within 5 seconds.

**The smallest and fastest reader upgrade available on the market**



# The fastest and most affordable mobile upgrade for legacy readers.

## Tech Specs

Description	The SABRE MODULE offers a quick Bluetooth mobile access upgrade for legacy readers with a Hirose connector.
Part Number	8830-000
Communication	Wiegand, RS-485 OSDP, UART, GPIO, F2F
Supported Reader Models	HID® iCLASS® SE Readers
Mobile Operating Systems	Apple iOS 11.0 or later; Android 4.4 and up on devices with the Safetrust Wallet app
Mobile Credential Emulations	Most popular 125kHz prox formats from HID®, Indala®, AWID®, GE Casi®, Farpointe and Honeywell®, MIFARE® Classic, MIFARE® DESFire® and Seos® Credentials
Bluetooth Range	Touch to 50 ft (0 to 15 meters)
WiFi	802.11 a/b/g/n, IPv4, IPv6, 802.1x
RF Transmit Frequency	2.4 GHz • 2.48GHz
Mounting	Plug-in
Operating Conditions	-31 to 149°F (-35 to +65°C)
Weight	0.17 oz (5g)
Dimensions	1.1" x 1.49" x 0.20" (28 x 38 x 5mm)
Encryption	Hardware secure element EAL 5+, AES 256, ECC, TLS, x.509, OSDP v2 SC
Memory	32MB
Relay	External only, 5V control line GPIO3/GPIO4 wires
Power Requirements	Supply Voltage 6-25 VDC
Power Monitoring	12V input line monitoring with MQTT alerts and low power mode
Power Consumption	Wi-Fi 2 - 50 mA, BLE 2 - 20 mA
Certifications	FCC Part 15 Modular Transmitter Certification (KDB996369 DO1 & Part 15.212), Canada IC, EU EMC CE, India ETA-WPC, RCM, RoHS. WEEE
Warranty	Lifetime Warranty (review warranty for complete details)

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