

SABRE MODULE v4

for HID® iCLASS SE® and multiCLASS SE® Readers



Overview

The SABRE MODULE is a low-cost, 30-second upgrade that brings fast touchless mobile credentials, supplier-neutral MIFARE® DESFire®, WiFi (2G and 5G), and OSDP features to HID iCLASS SE and multiCLASS SE 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@safetrust.com.

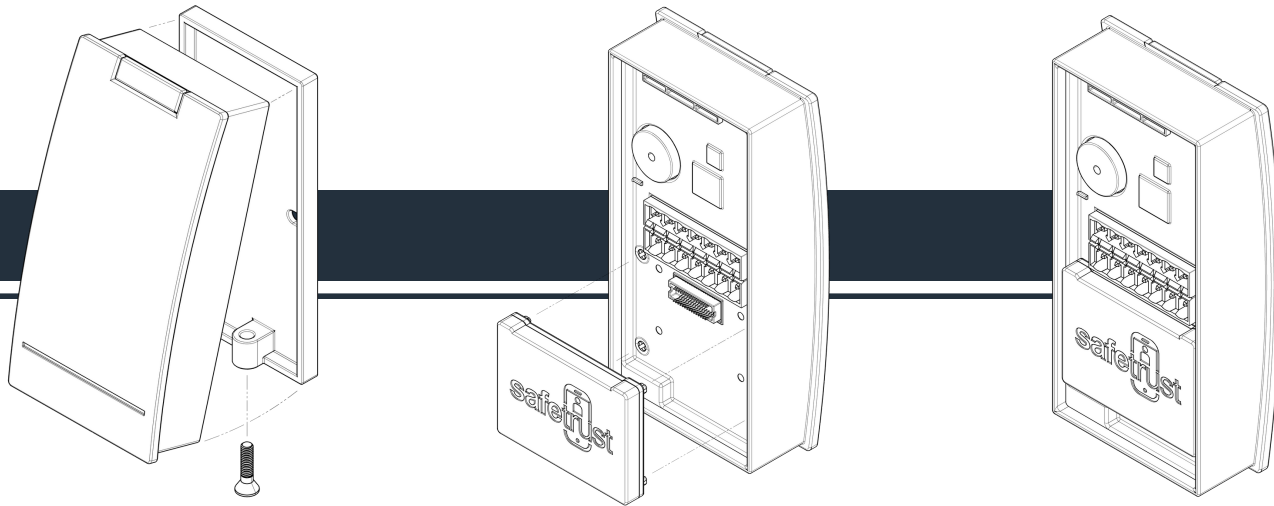
For more information, visit www.safetrust.com.

Key Features

- 100% Plug and Play**
 30-second plug-in upgrade with zero downtime
- Support for Touchless Mobile Access**
 Transform doors, elevators, parking garages, and more for seamless access using Safetrust mobile credentials, eliminating community touch-points and creating a safer workplace.
- Support for DESFire EV3 Security**
 Migrate from prox and iCLASS credentials to DESFire EV3. 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 proximity records for mobile devices in your workplace to find close contacts and potentially contain outbreaks before they escalate.



Upgrade in 30 seconds, without any re-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, fastest and most affordable way to upgrade your legacy readers



Industry's First Third-Party Upgrade for HID® iCLASS SE® and multiCLASS SE® Readers

Tech Specs

Description	Designed to upgrade HID® iCLASS SE® and multiCLASS SE® Readers with Safetrust Touchless Access, DESFire® EV3 security and support for contact tracing.
Part Number	8830-002
Communication	Wiegand, RS-485 OSDP, UART, GPIO, F2F
Supported Reader Models	HID® iCLASS SE® and multiCLASS SE® Readers
Mobile Operating Systems	Apple iOS 11.0 or later; Android 4.4 or later 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	802.11b/g/n 2.4 GHz, 5.8 GHz, IPv4, IPv6, 802.1x
RF Transmit Frequency	2.4 GHz - 2.48 GHz
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 6+, AES 256, ECC, TLS, x.509, OSDP v2 SC
Memory	16MB
Relay	External only, 5V control line GPIO3/GPIO4 wires
Power Requirements	Supply Voltage 6-17 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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