safetrust 8845-000 Mini IoT Sensor User Guide
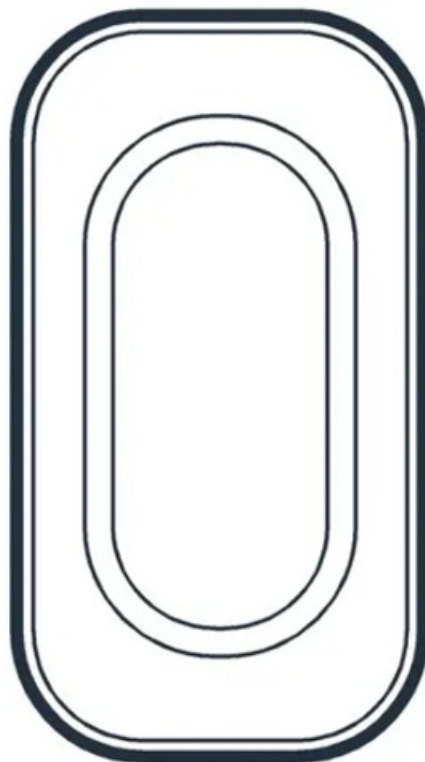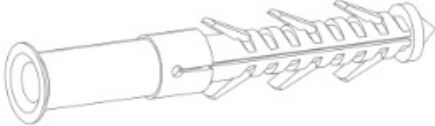
8845-000 Quickstart Guide

Contents

In the box
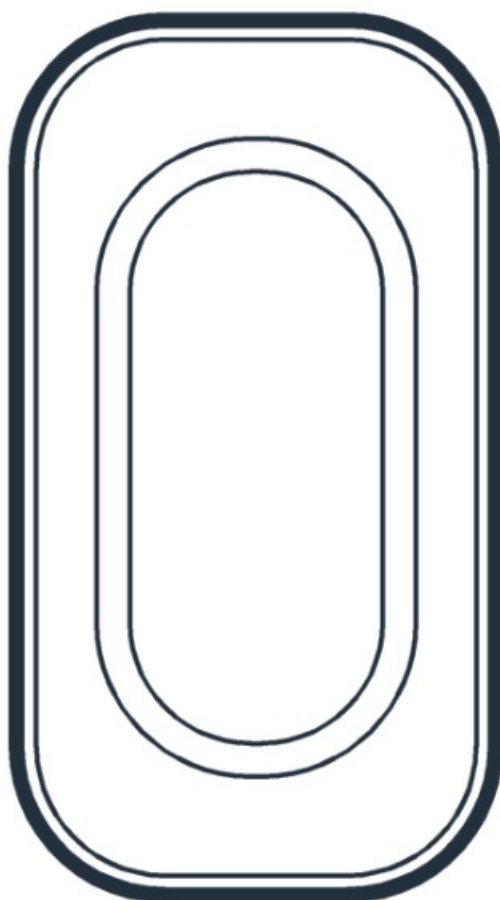
#6-32 x .375" spanner security screw Option 1: Secures the top and bottom casing together	**#6-32 x .375" Phillips fla** Option 2: Secures the top
Nylon wall plugs Used to brace the screws inside the wall	**Sheet metal screw** **SCR PTP, 2X6MM BLUE** For mounting to wall

What you'll need

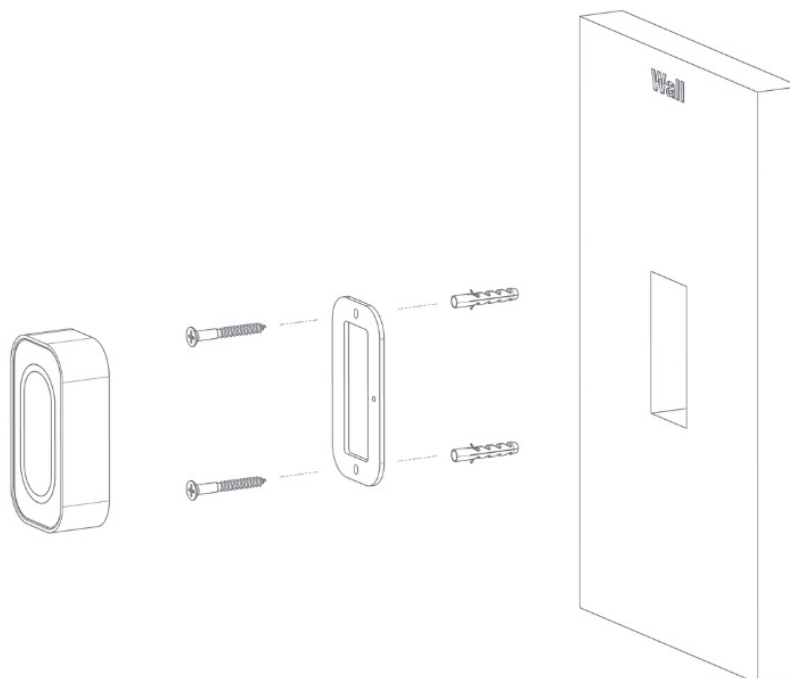- A working internet connection
- Cable, 5-12 conductors (Wiegand), 4 conductors Twisted Pair Over-All Shield and
- UL approved, Belden3107A or equivalent (OSDP)
- Linear DC power supply
- Metal or plastic junction box
- Drill with various bits for mounting hardware

Installation

For a wall-mounted installation, beginby pre-drilling your holes and inserting the nylon screw plugs provided to support the weight of the reader. Once secured to the wall, you can fix the black plate to the wall using the screws (SCR PTP, 2X6MM BLUE, ZINC CR3) provided.

Wire Colors

Ground	⚫	Black
Wiegand Output D0	⚪	White
Wiegand Output D1	🟢	Green
Buzzer Input	🟠	Yellow
Tamper Out	🟣	Purple
Green LED Input	🟠	Orange
Relay Out	🔵	Blue
Relay In	⚫	Grey
RED LED Input	⚫	Brown
RS485 B	🟣	Pink
RS485 A	🔵	Aqua
12 VDC	🔴	Red

The next step is to connect the wires as per the wiring table above.
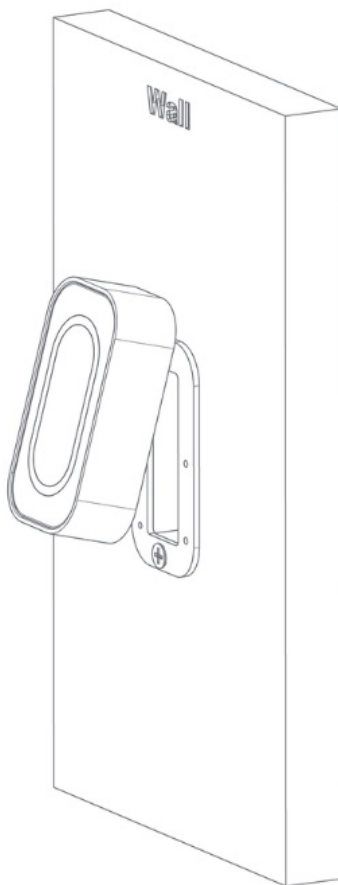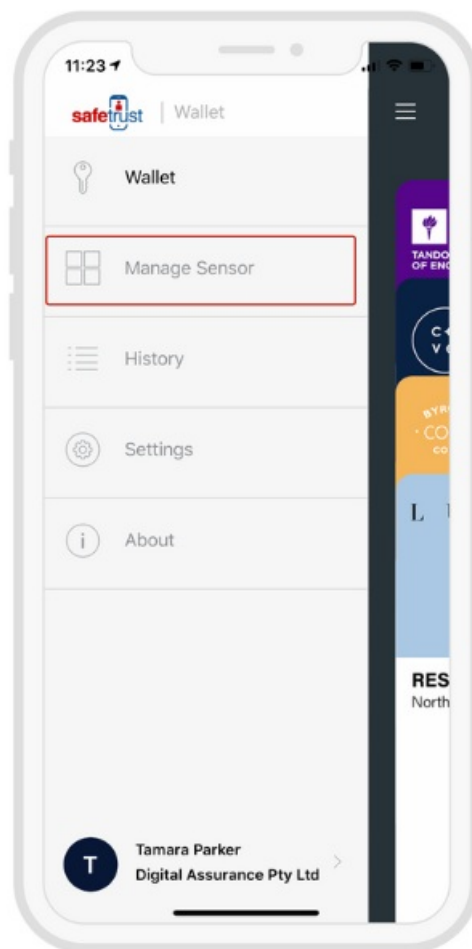

Once the back plate has been fitted and the wiring is complete, the top casing can be inserted onto the bottom casing as shown above.
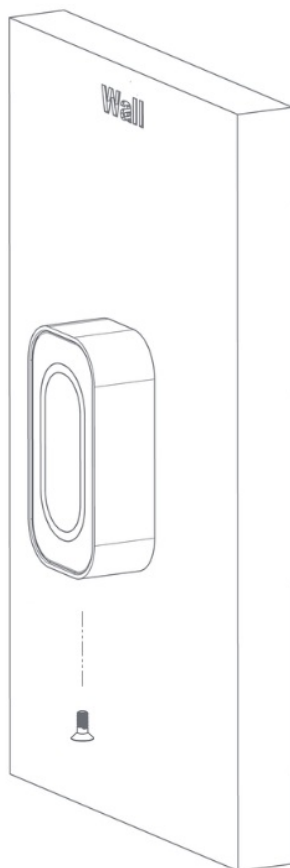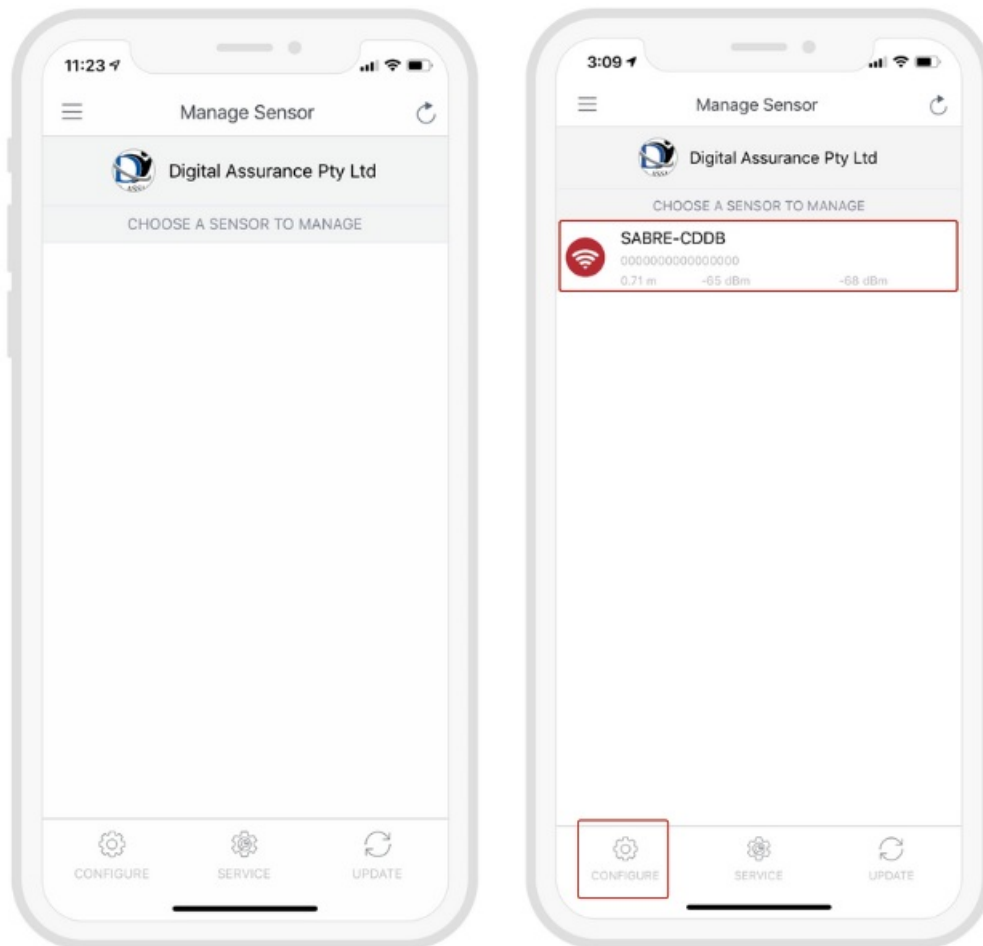

Complete the hardware installation by fixing either the snake eye screw (SMF #632X5/16″SS) or a Phillipsscrew

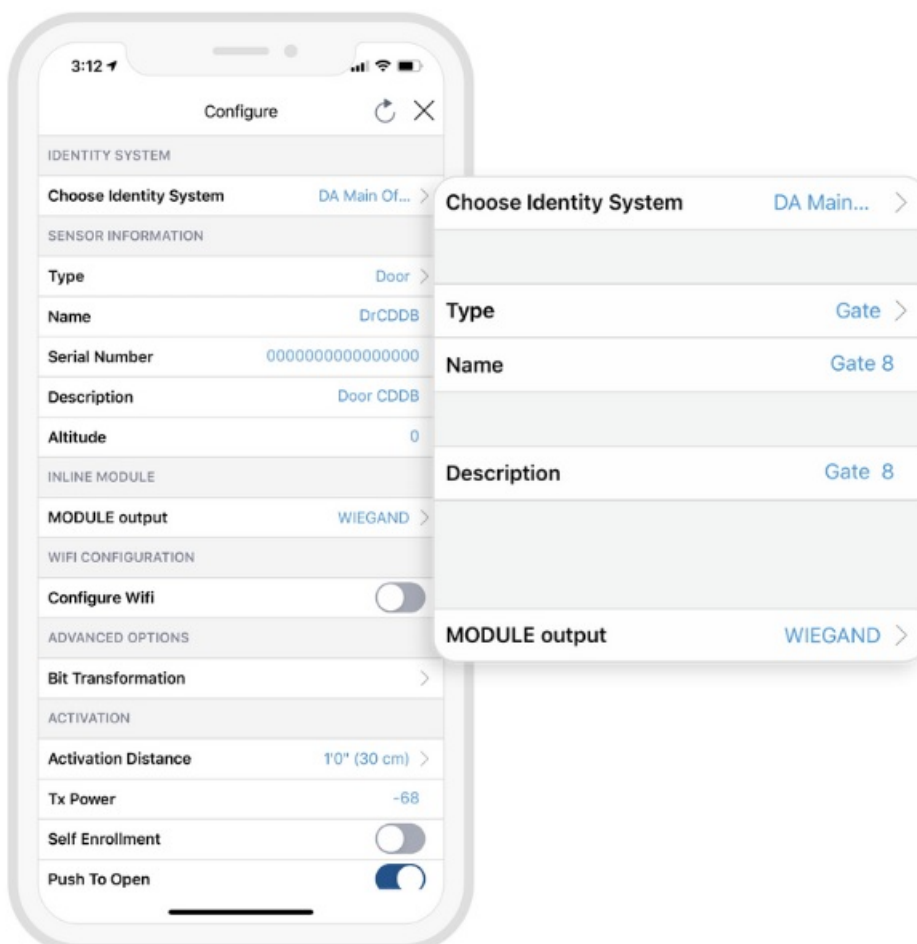(SMF #6-32X5/16″ SS)to the bottom casing.

Configuration

Open the Safetrust Wallet APP and select the Manage Sensor tab. Make sure your system admin has set you up with this role.

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

- Choose an Identity System.
- Specify the Type of access from the dropdown (eg. Door, Gate, etc.)
- Assign a short Name and Description using alphanumeric characters.
- Choose an Output for the sensor (the default is set to Wiegand).
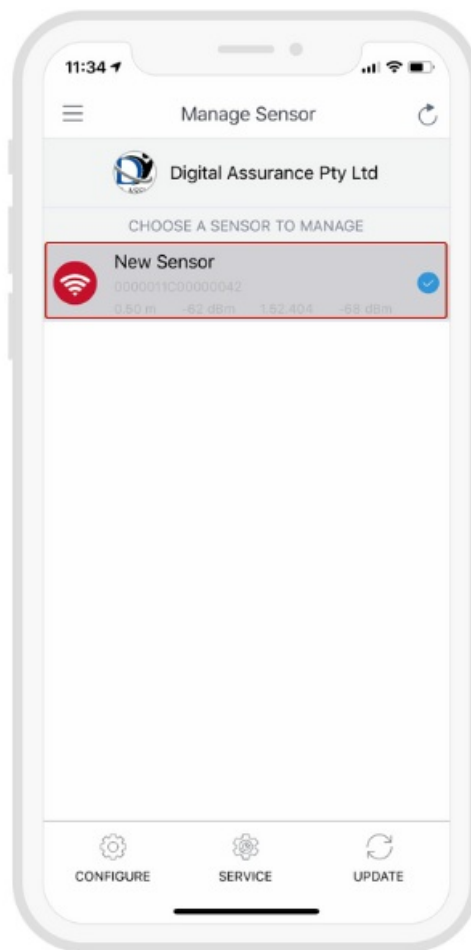
When the IoT Sensor information is saved successfully to the Credential Manager and assigned to the Identity System, the new description will appear in the Manage Sensor tab with a unique serial number assigned.
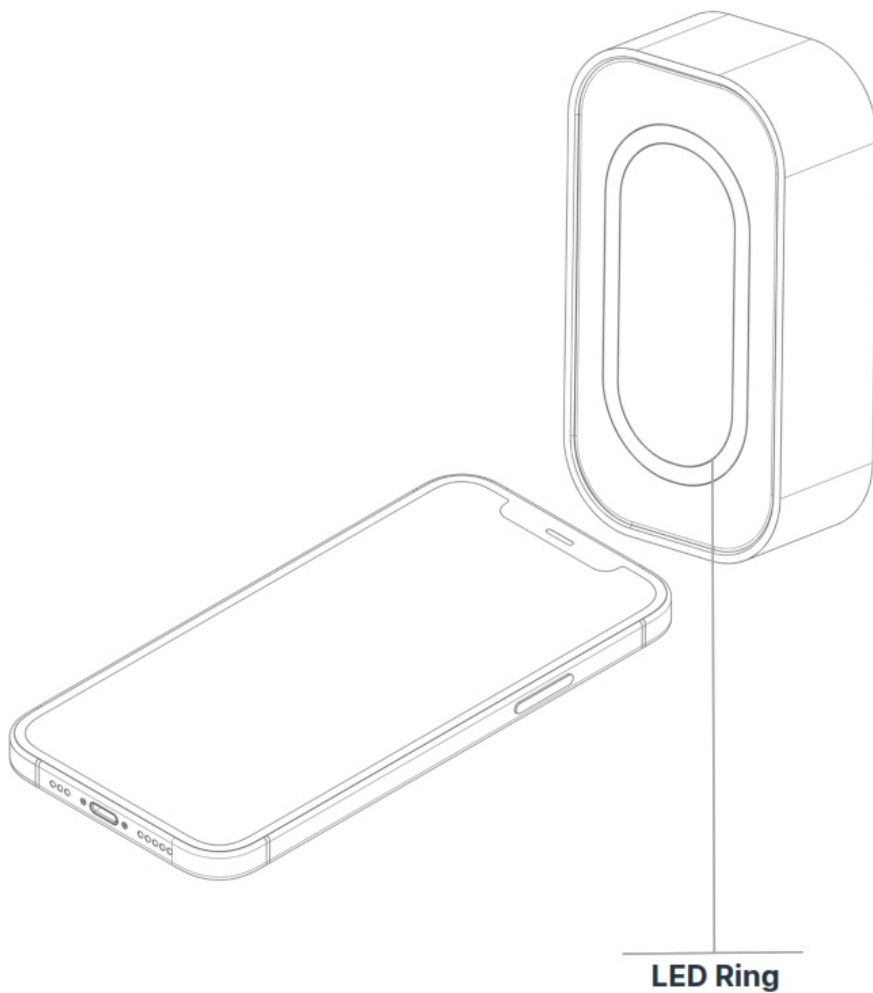
Testing
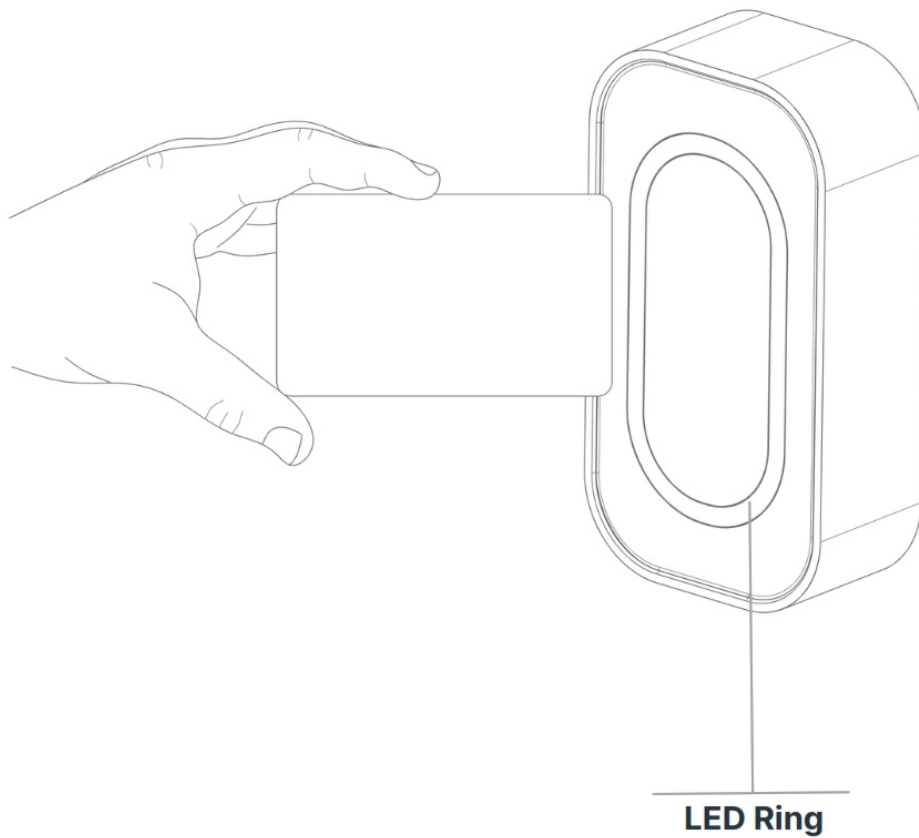
LED Ring

Access with cards
Status LED

🔴 **Solid red** Indicates idle mode	
☀️ **Flashing red** Powering up	I The c a

LED Ring

Access with mobile
Status LED

🔴 **Solid red** Indicates idle mode	🔵 **Solid Blue** Success
☀️(red) **Flashing red** Powering up	☀️(blue) **Flashing Blue** The credential is read and access is

Regulatory Information

FCC: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

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.

CE Marking: Safetrust hereby declares that these proximity readers are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Support

Thank you for purchasing the Safetrust IoT Sensor Mini Mullion.
If for any reason you need assistance with your installation, please contact your local Sales representative .
Sincerely The Safetrust Team

www.safetrust.com/support

Safetrust Inc. | **safetrust.com**
sales@safetrust.com

Documents / Resources

	safetrust 8845-000 Mini IoT Sensor [pdf] User Guide 8845-000, Mini IoT Sensor, 8845-000 Mini IoT Sensor
	safetrust 8845-000 Mini IoT Sensor [pdf] User Guide 8845-000 Mini IoT Sensor, 8845-000, Mini IoT Sensor, IoT Sensor, Mini Sensor, Sensor

References

- ⬚ **Safetrust Inc - Touchless Identity Solutions**
- ⬚ **Safetrust Inc - Touchless Identity Solutions**
- ✳️ **Slack**