



safetrust 8845-100 IoT Sensor Mullion User Guide

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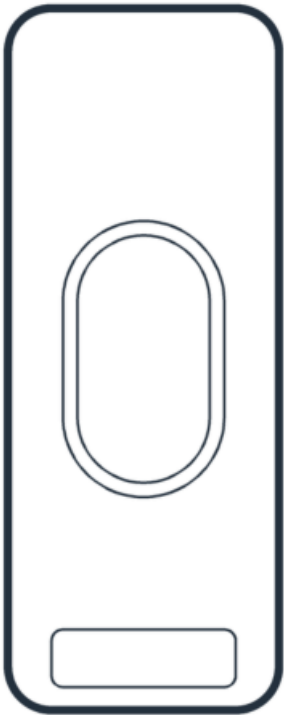


8845-100 Quickstart Guide
Last Updated: March 202

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In the box

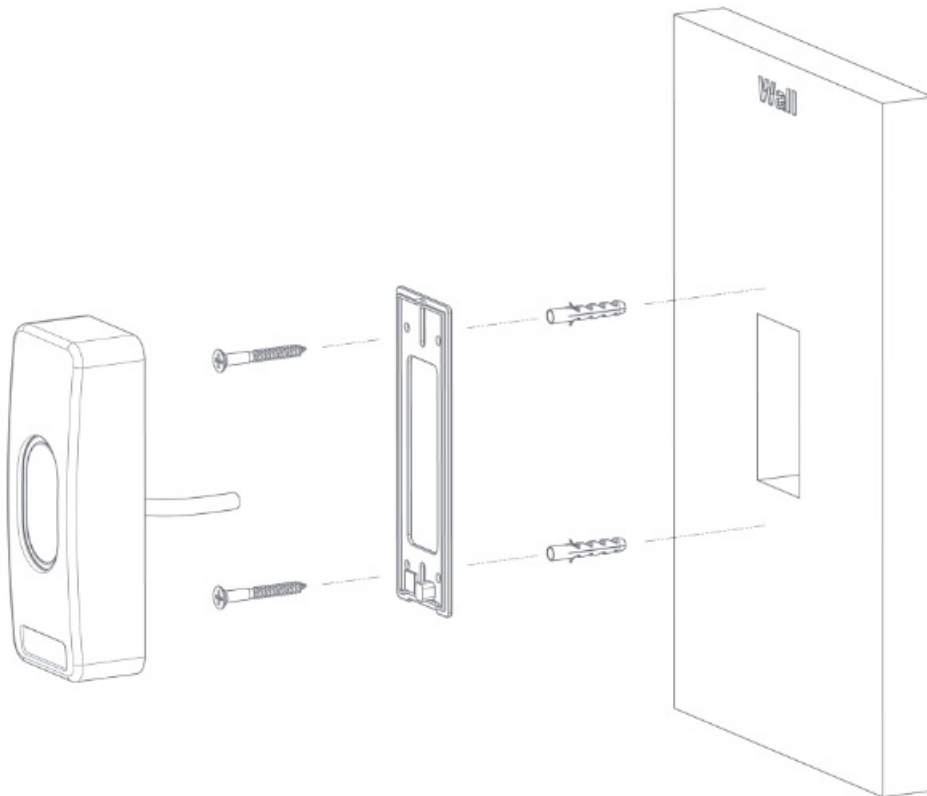


	#6-32 x .375" spanner security screw Option 1: Secures the top and bottom casing together
	Nylon wall plugs Used to brace the screws inside the wall
	#6-32 x .375" phillips flat head screw Option 2: Secures the top and bottom casing together
	Sheet metal screw SCR PTP, 2X6MM BLUE, ZINC CR3 For mounting to wall

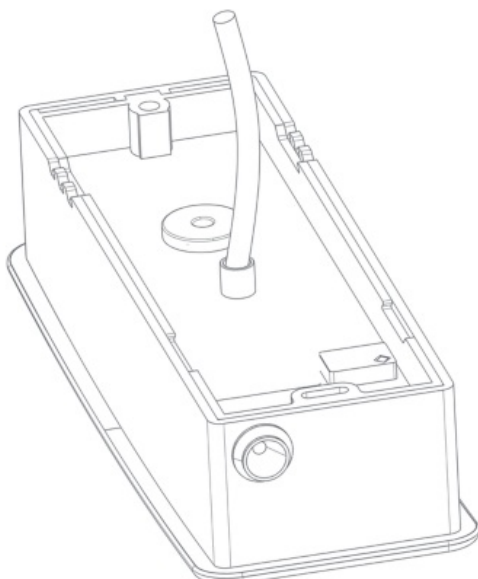
What you'll need

- A working internet connection
- Cable, 5-12 conductor (Wiegand), 4 conductor 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



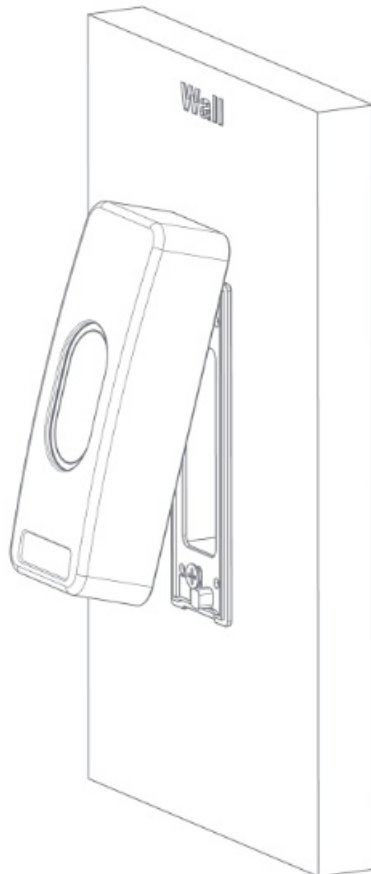
For a wall mounted installation, begin by pre-drilling your holes and insert the nylon screw plugs provided to support the weight of the reader. Once secured to the wall, you can fix the black plate to the wall using the screws (SCR PTP, 2X6MM BLUE, ZINC CR3) provided.



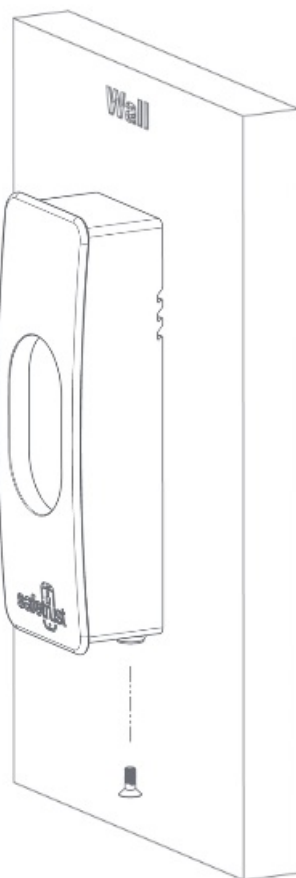
Wire Colors

Ground	Black
Relay In	Grey
Relay Out	Blue
Red LED	Brown
Tamper	Purple
Green LED	Orange
Wiegand D1/Clock	Green
Wiegand D0/Data/F2F	White
12VDC	Red
OSDP (RS-485B) Wiegand D1	Pink
OSDP (RS-485A) Wiegand D0	Aqua
Beeper	Yellow

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

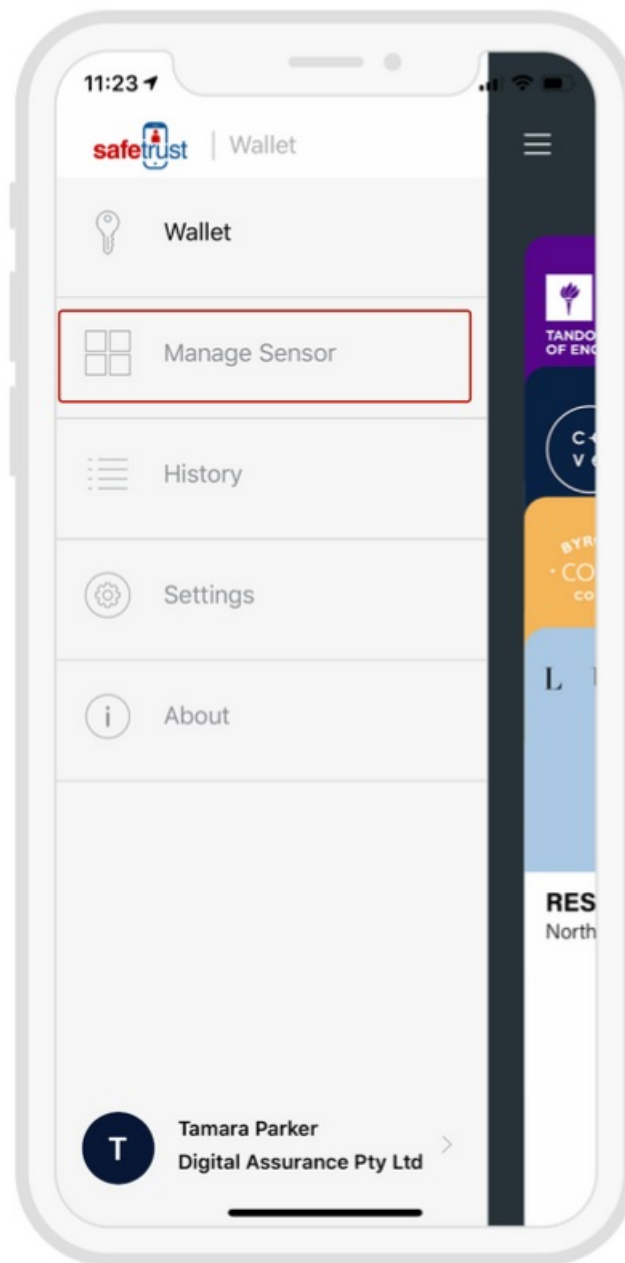


Once the back plate has been fitted and the wiring is complete, the top casing can be inserted onto the bottom casing like shown above.

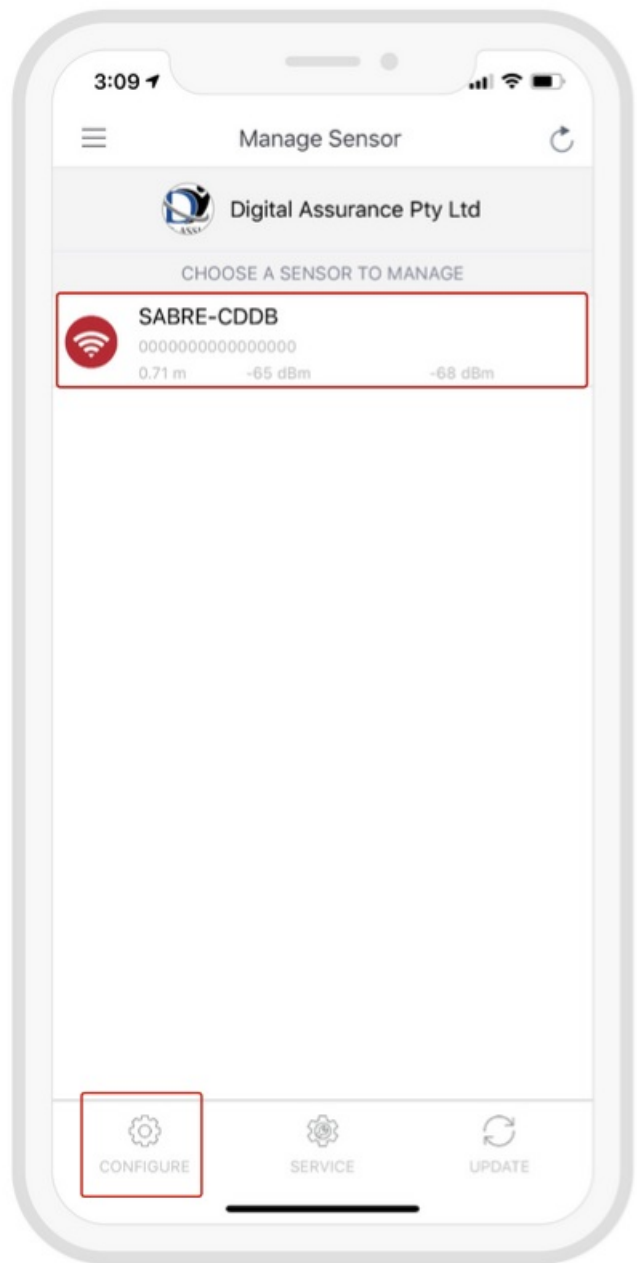
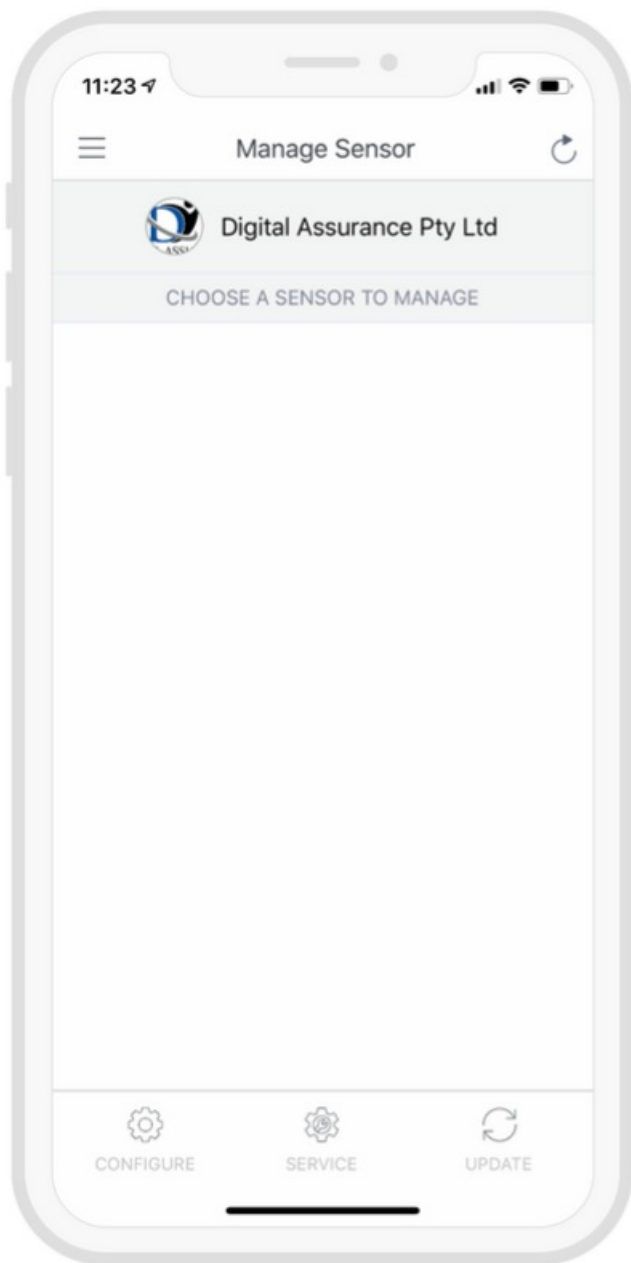


Complete the hardware installation by fixing either the snake eye screw (SMF #632X5/16" SS) or a Phillips screw (SMF #6-32X5/16" SS) to bottom casing.

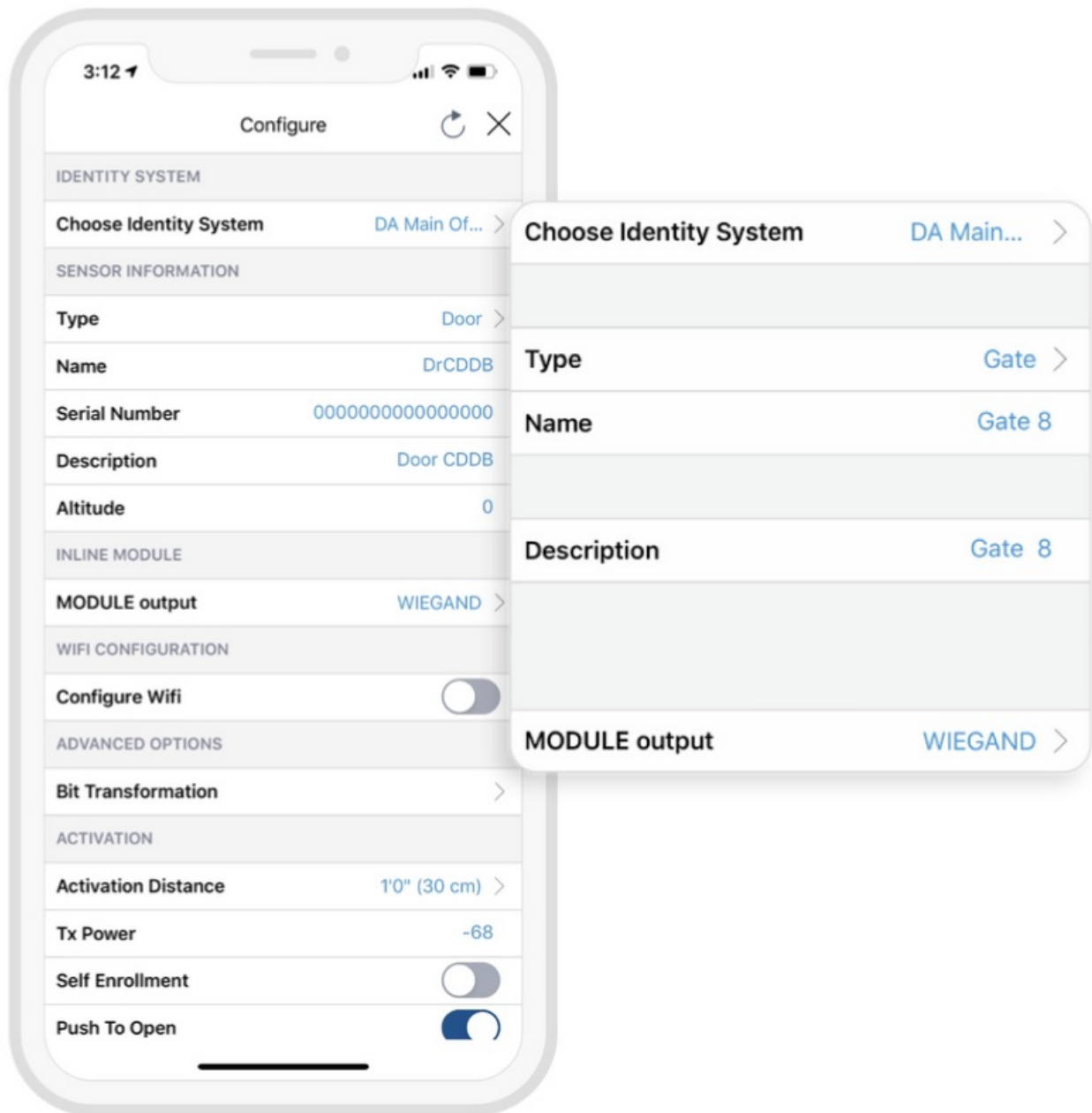
Configuration



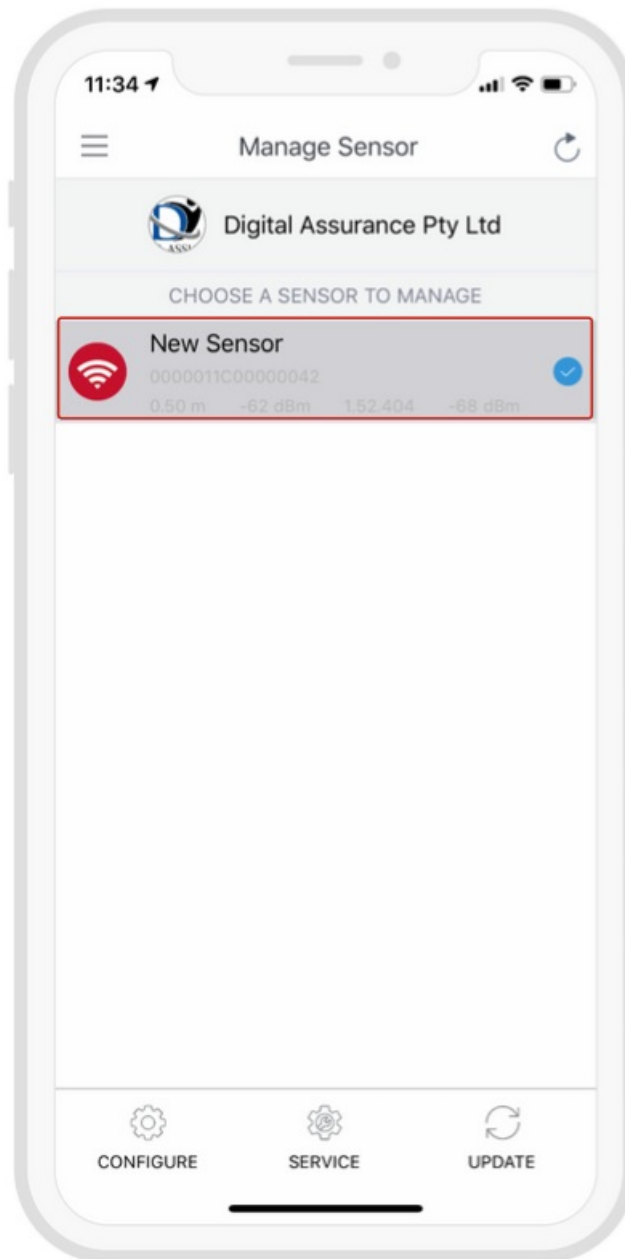
Open the Safetrust Wallet APP and select Manage Sensor tab. Make sure your system admin has set you up with this role.



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 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

Access with cards

Status LED



Solid red
Indicates idle mode



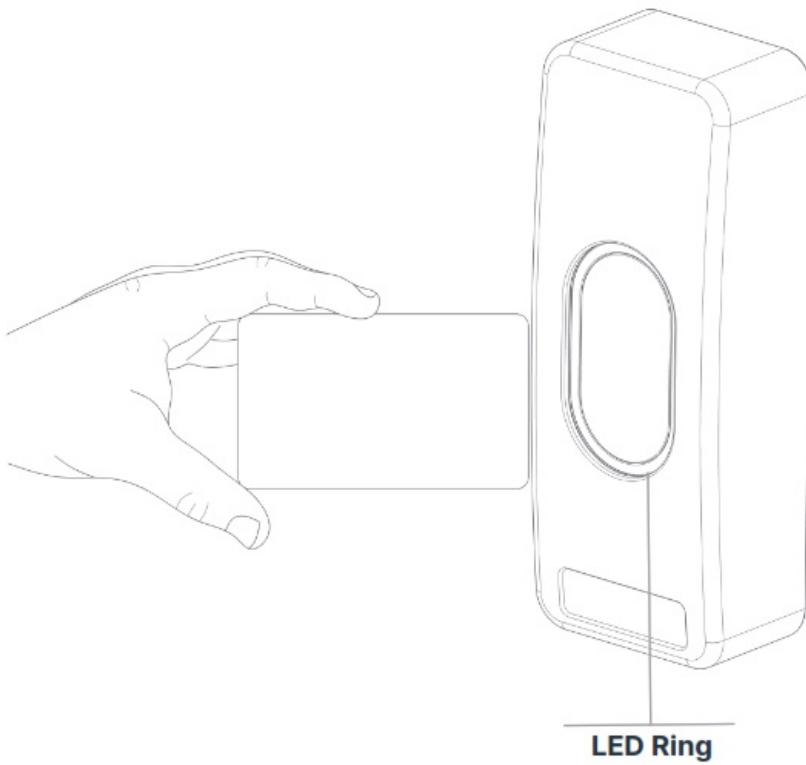
Flashing red
Powering up



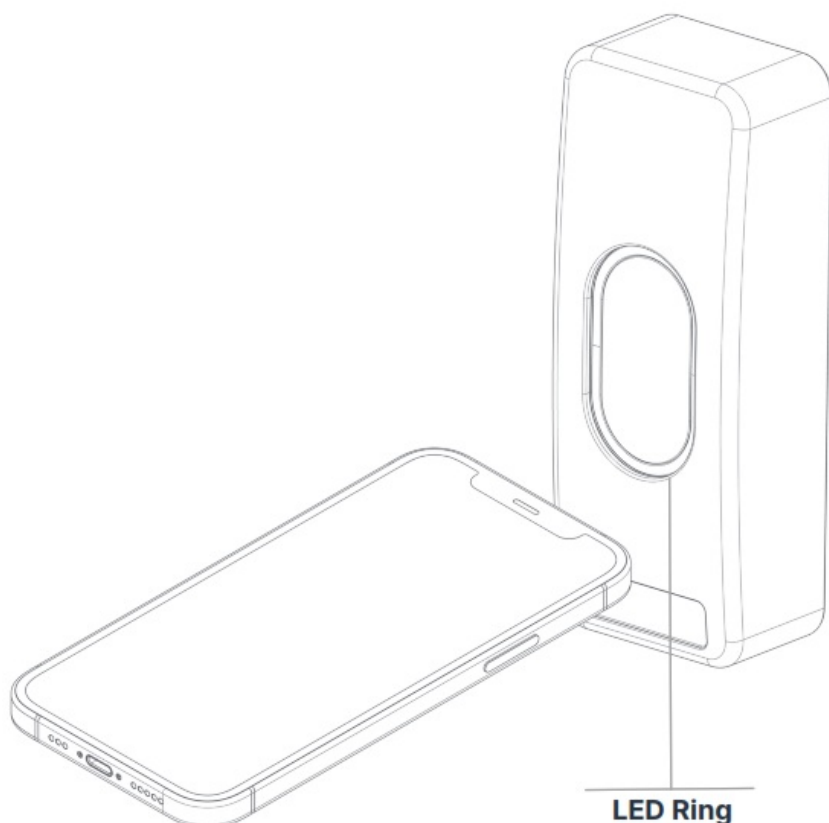
Solid green
Success



Flashing green
Credential is read and
access is granted



Access with mobile



Status LED



Solid red
Indicates idle mode



Flashing red
Powering up



Solid Blue
Success



Flashing Blue
Credential is read and
access is granted

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 Mullion.

Support

If for any reason you need assistance with your installation, please contact your local Sales representative



www.safetrust.com/support

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

Documents / Resources



[safetrust 8845-100 IoT Sensor Mullion](#) [pdf] User Guide

DAEjYW15acU, BAB78490suM, 8845-100 IoT Sensor Mullion, 8845-100, IoT Sensor Mullion, Sensor Mullion

References

- [📄 Safetrust Inc - Touchless Identity Solutions](#)
- [📄 Safetrust Inc - Touchless Identity Solutions](#)
- [👤 Slack](#)