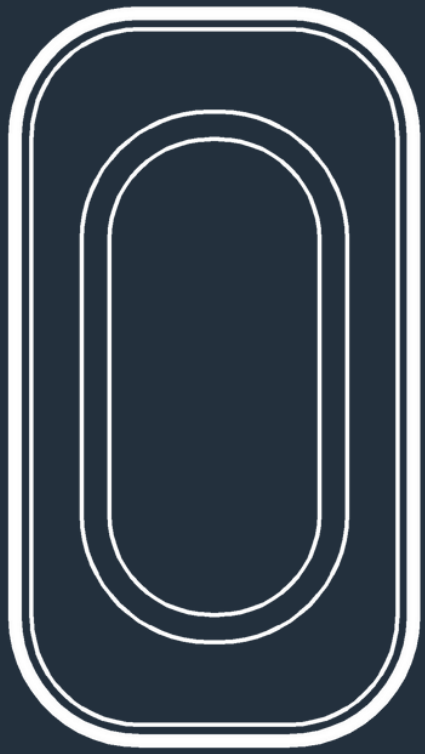
safetrust



8845-000 Quickstart Guide

Last Updated: July 2022

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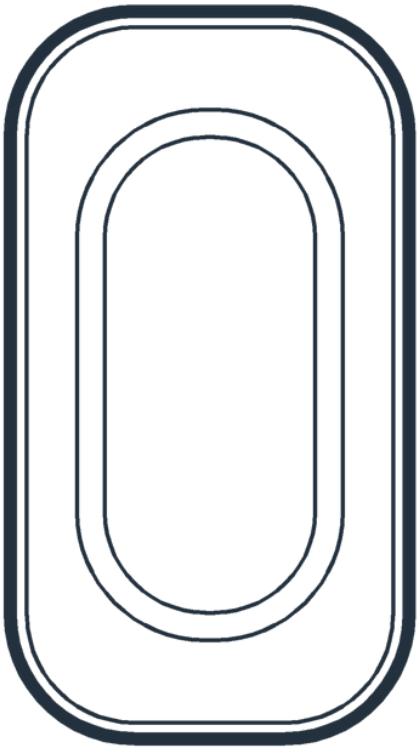
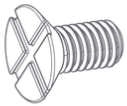
01

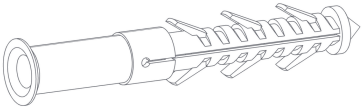
In the box





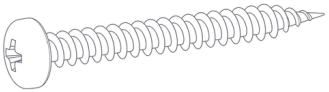
#6-32 x .375” phillips flat head screw

Option 2: Secures the top and bottom casing together



Nylon wall plugs

Used to brace the screws inside the wall



Sheet metal screw SCR PTP, 2X6MM BLUE, ZINC CR3

For mounting to wall

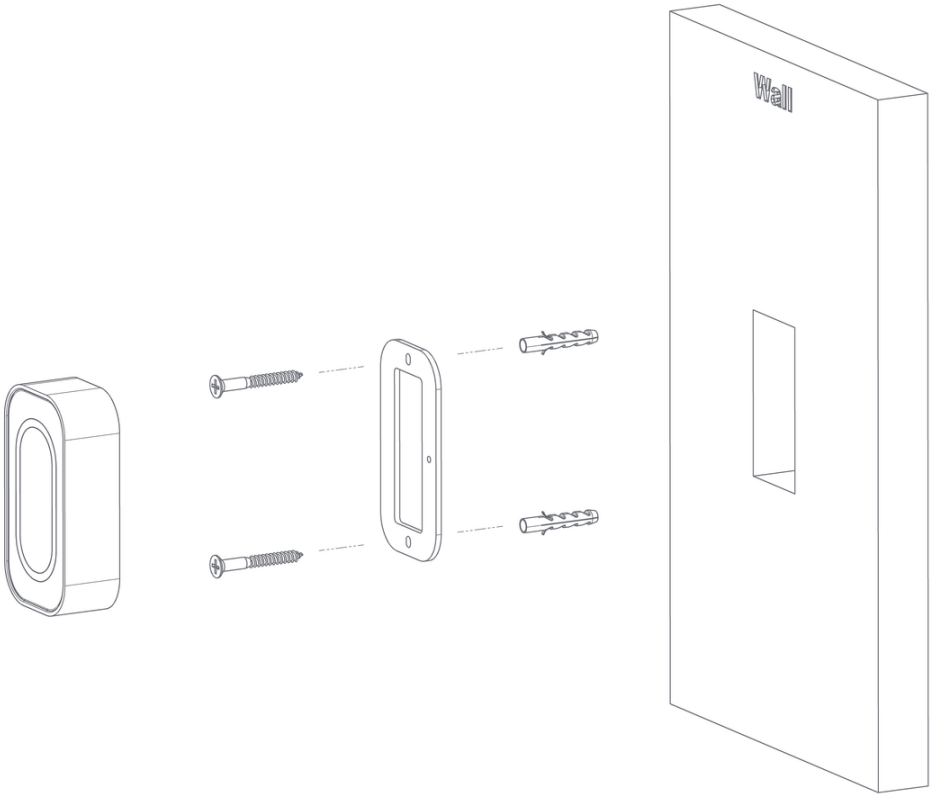
02

What you'll need

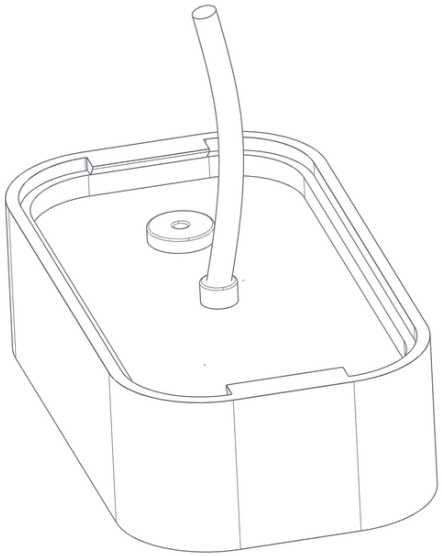
- A working internet connection
- Cable, 5-12 conductor (Wiegand), 4 conductor Twisted Pair Over-All Shield and UL approved, Belden3107A or equivalent (OSDP)
- Linear DC power supply
- Metal or plastic junction box
- Drill with various bits for mounting hardware

03

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.

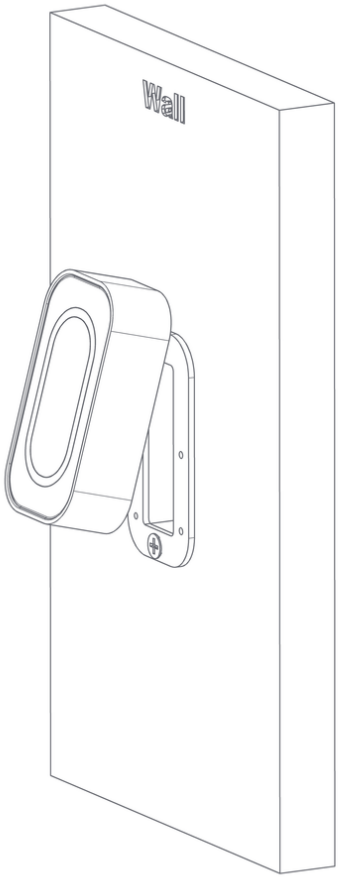


Wire Colors

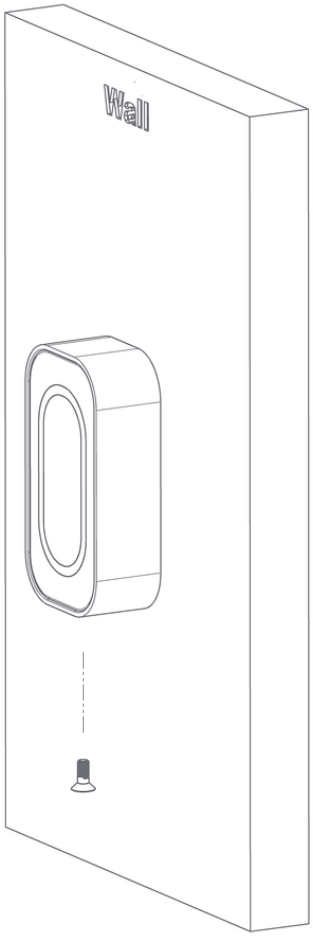
Ground	Black
Relay In*	Grey
Relay Out*	Blue
Red LED	Brown
Tamper	Purple
Green LED	Orange
Wiegand D0/Data	Green
Wiegand D1/Clock/F2F	White
12VDC	Red
OSDP TX+ / RS-485(A) / D0	Aqua
OSDP TX+ / RS-485(B) / D1	Pink
Beeper	Yellow

*Low voltage

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



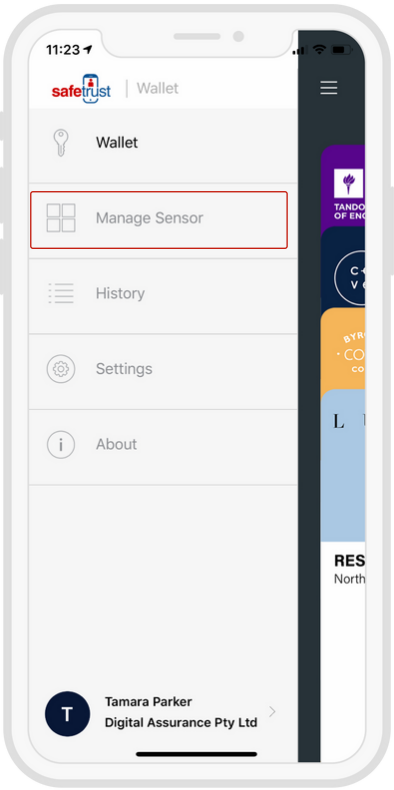
Once the back plate has been fitted and the wiring is complete, the top casing can be inserted onto the bottom casing like shown above.



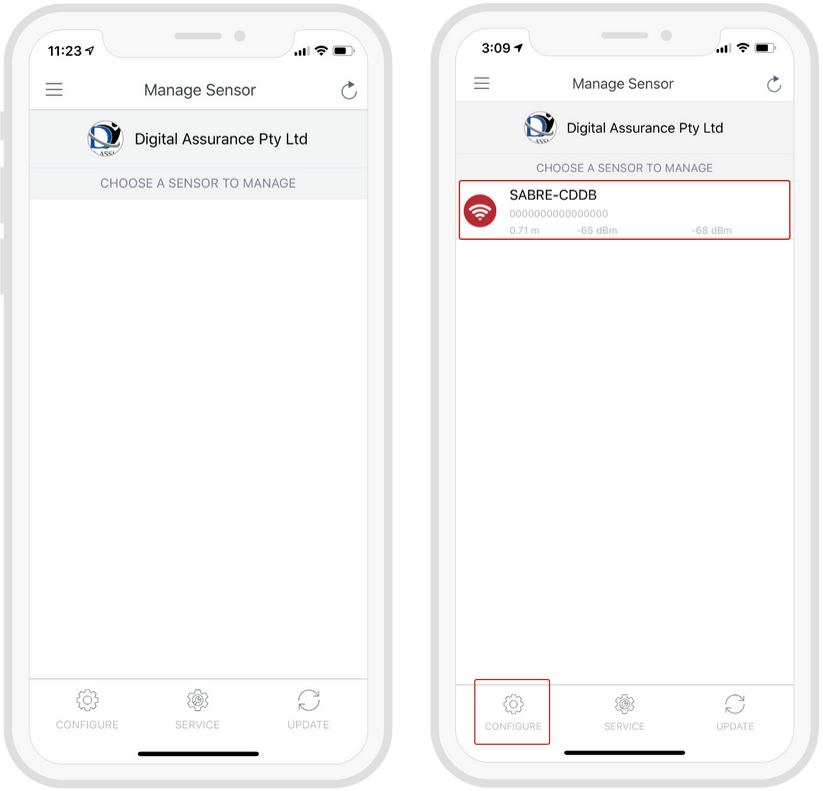
Complete the hardware installation by fixing either the snake eye screw (SMF #6-32X5/16" SS) or a Phillips screw (SMF #6-32X5/16" SS) to bottom casing.

04

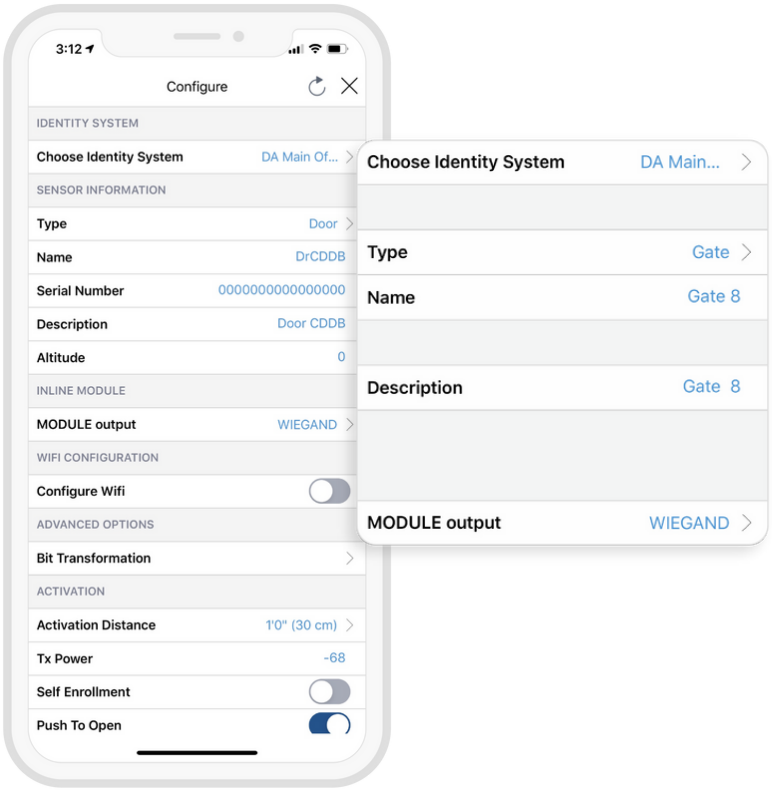
Configuration



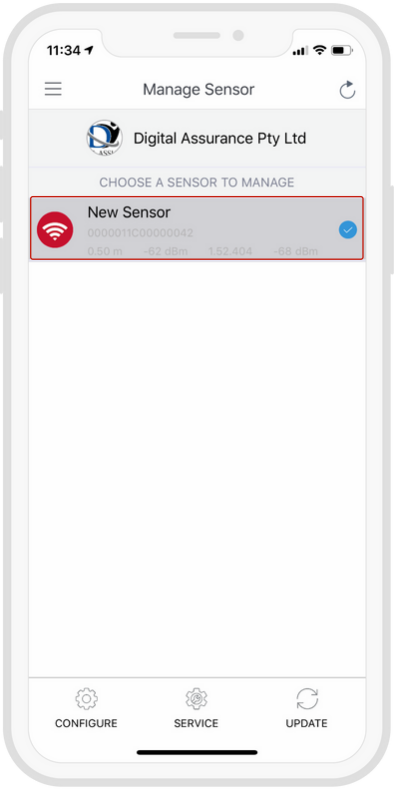
Open the Safetrust Wallet APP and select Manage Sensor tab. Make sure your system admin has set you up with this role.



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”.



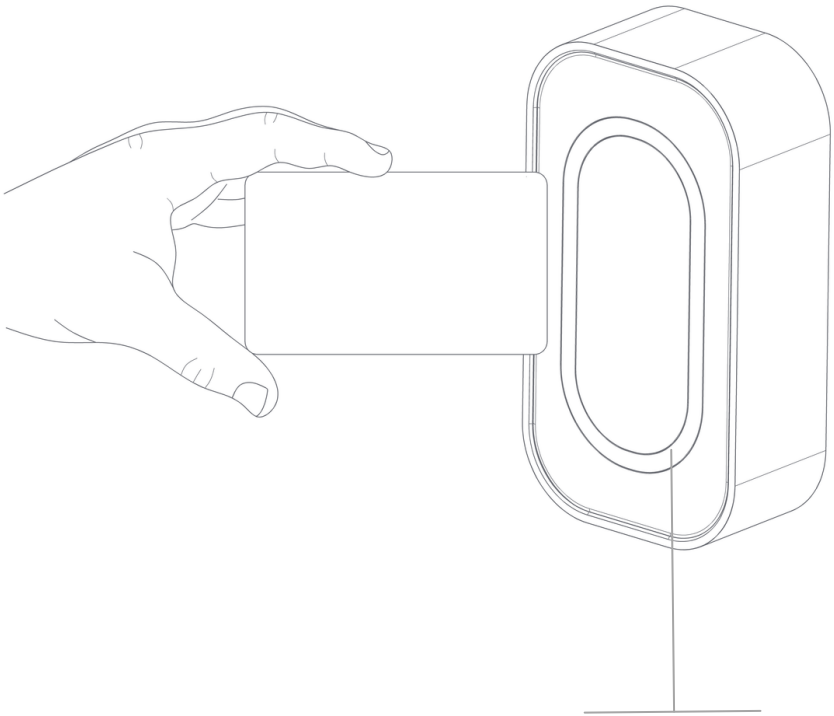
- Choose an Identity System.
- Specify the Type of access from the dropdown (eg. Door, Gate etc.)
- Assign a short Name and Description using alphanumeric characters.
- Choose an Output for the sensor (the default is set to Wiegand).



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.

05

Testing



Access with cards

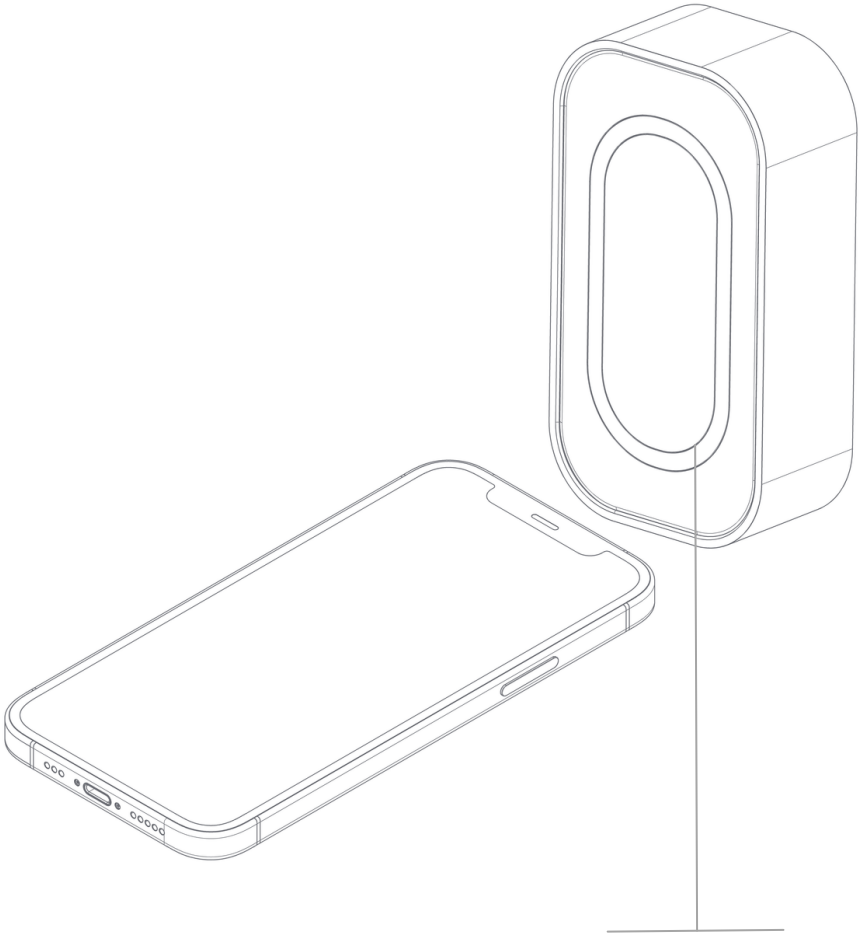
Status LED

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

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

06

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.

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.

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.

07

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