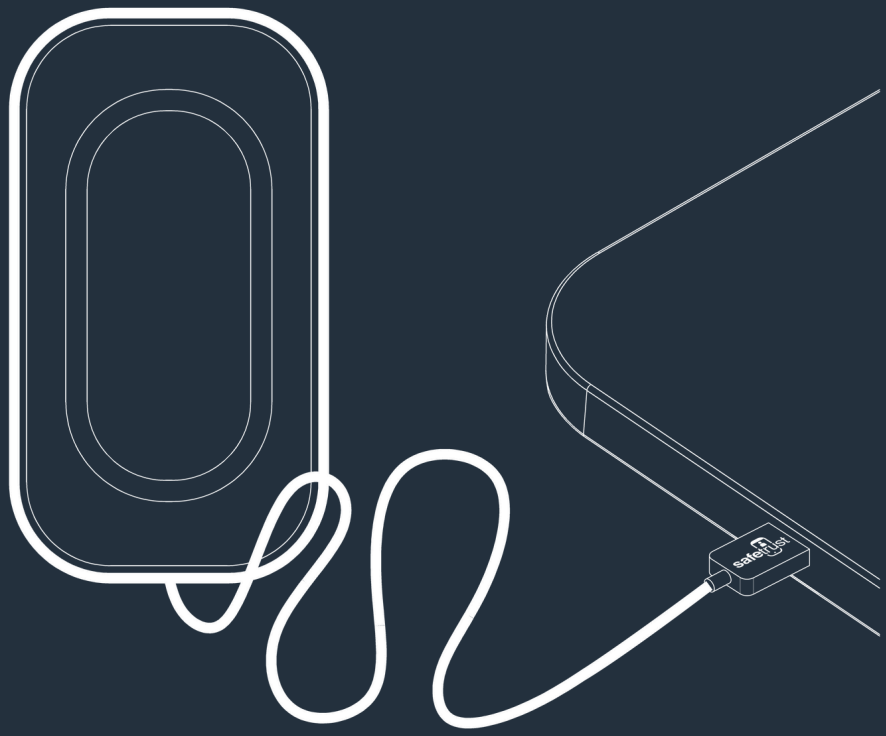
safetrust



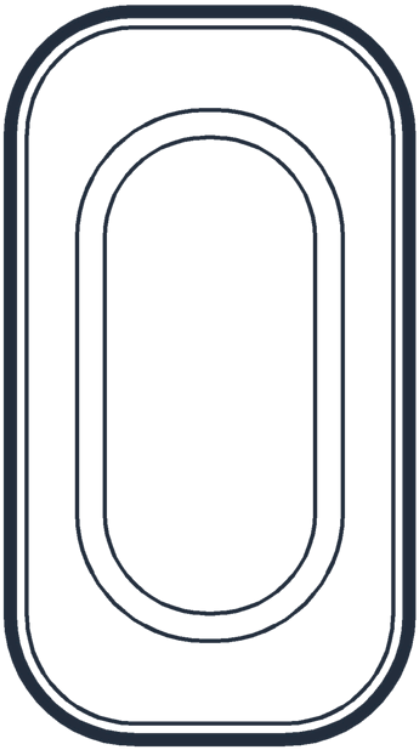
8855-000 – 8860-000
Quickstart Guide

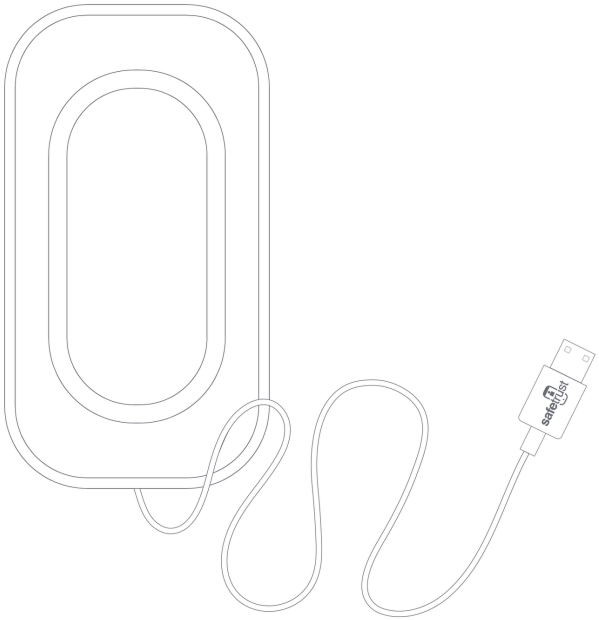
Last Updated: January 29, 2025

Contents

01

In the box





IoT Sensor USB Reader

Cord is USB-A format
(USB-C available as special order)

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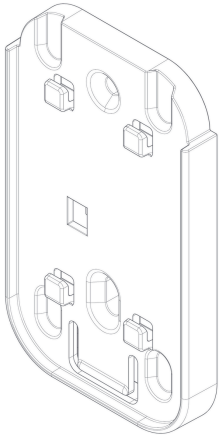
Mounting Bracket
(*Optional and sold separately*)



8700-5500-09 - Surface Mount Adapter Bracket

For mounting to wall
(includes screws for fixing)

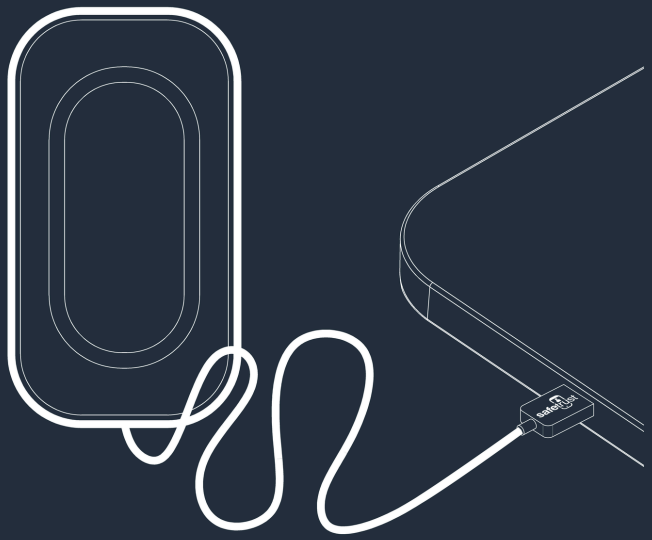
02

What you'll need

- A Wi-Fi connection is preferable however configuration is also possible using the Safetrust Wallet App
- A PC/printer/device to plug the USB into

03

Installation



To install, simply uncoil the cord and plug the IoT Sensor USB Reader/or Programmer into your laptop or desktop computer. Within 5 seconds, the IoT Sensor will complete its "power on cycle" and be operational and ready for configuration.

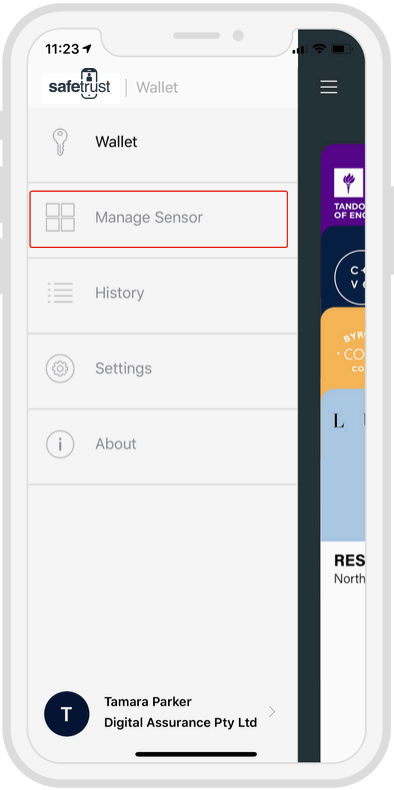
04

Configuration

1 Open the Safetrust Wallet

Open the Safetrust Wallet App and select the **Manage Sensor** tab from the navigation.

Make sure your system administrator has set you up with a role that has rights to configure a sensor (e.g. Admin, Installer).

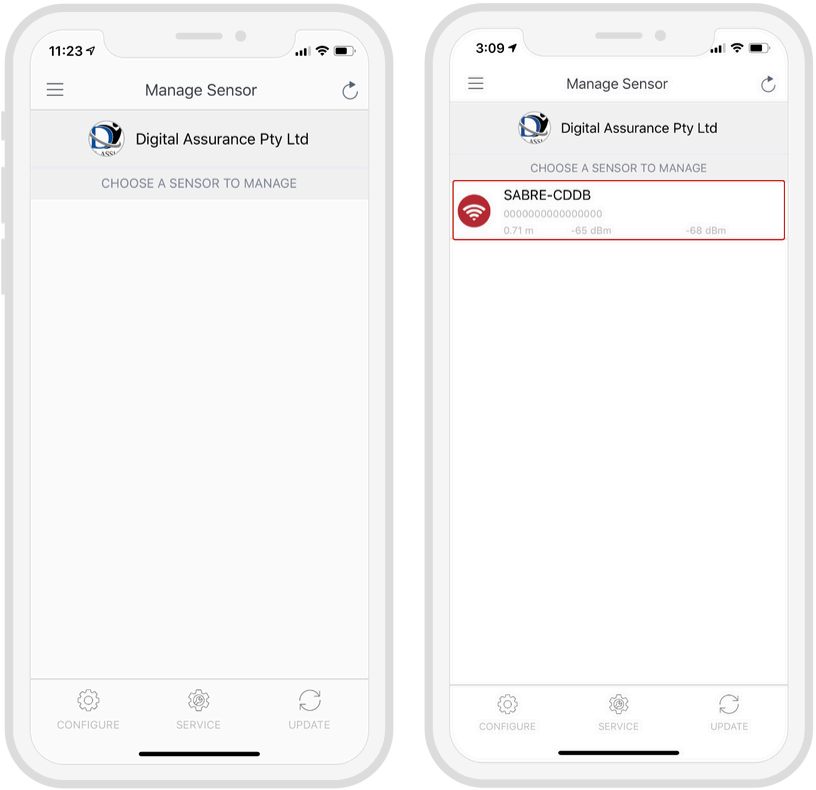


2 Choose a sensor to manage

With the **Manage Sensor** tab open, bring your phone within range of the sensor. Once the Sensor appears in the app, click on it to select it.

Note: If the sensor does not appear immediately, you may need to click the refresh button in the top right-hand corner.

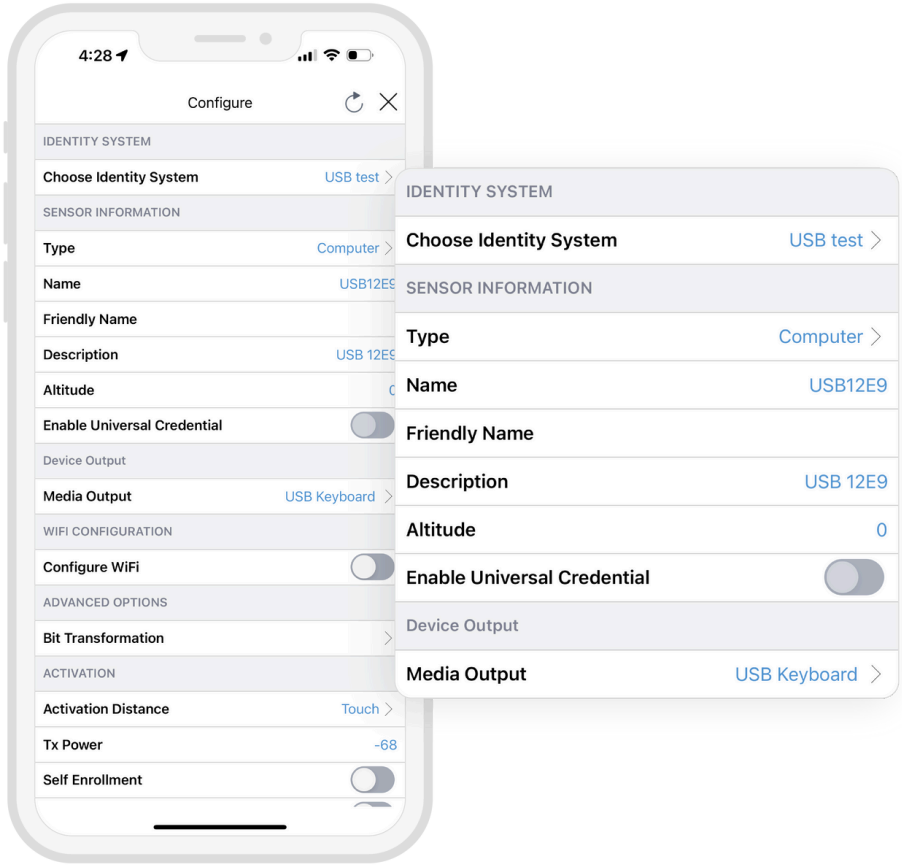
Once the sensor is highlighted, click **CONFIGURE** from the bottom options.



3 Input sensor information

The settings screen displays a range of configuration options for the sensor. However, the following fields are the main settings that require action at this time:

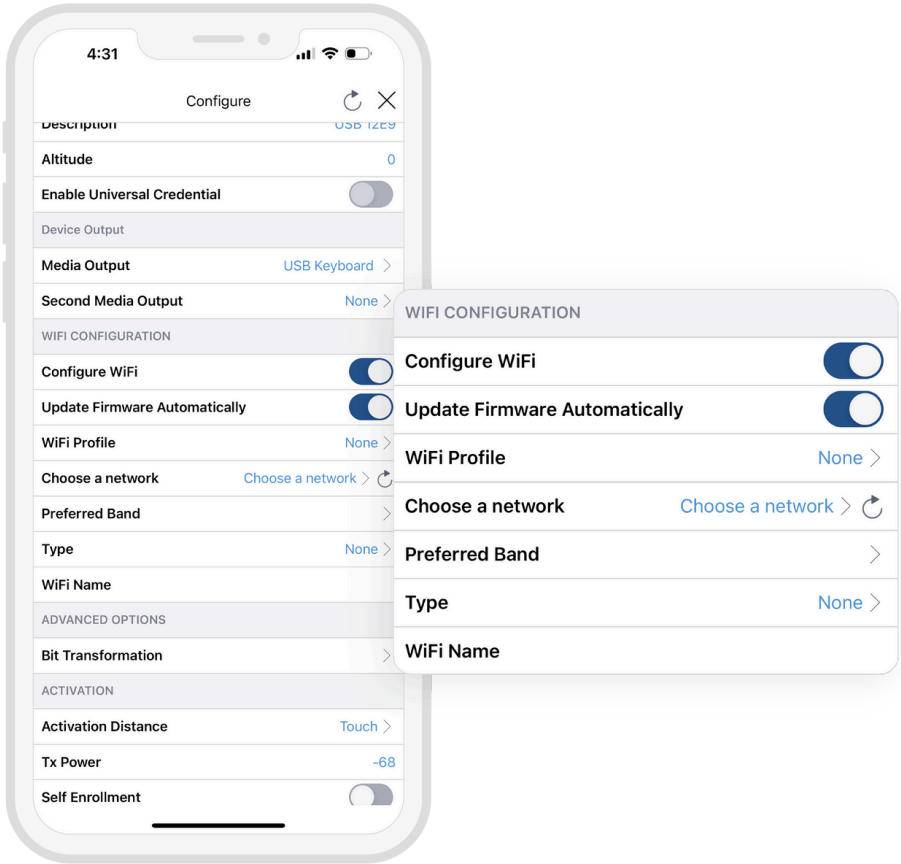
- Choose an **Identity System**.
- Specify the **Type** of access from the dropdown (e.g. Computer, Printer etc.)
- Assign a short **Name** and **Description** using alphanumeric characters.
- Choose an **Output** for the sensor (the default is set to USB Keyboard).



4 Configure Wi-Fi

Tap the **Configure Wi-Fi** toggle to add a Wi-Fi configuration; select from an available **Wi-Fi Profile** or manually enter Wi-Fi details.

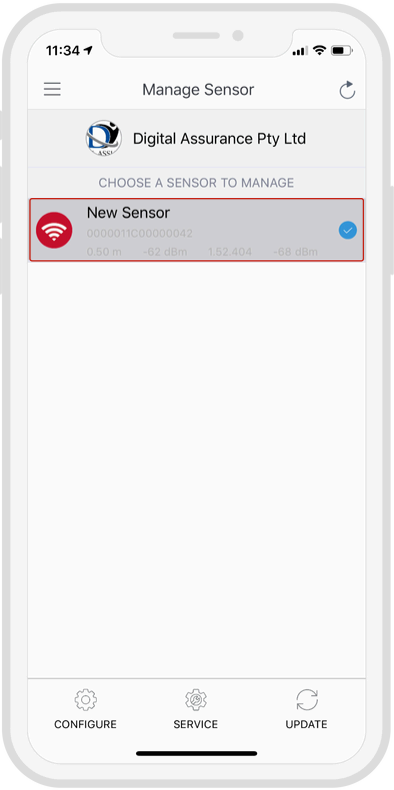
**Note: The IoT USB will restart to apply the changes to the configuration.*



5 Configuration Complete

Once you have adjusted all the configuration settings, scroll to the bottom of the page and click **SUBMIT** to successfully complete the sensor configuration.

When the 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.



Settings Key

Output media USB

- Human Interface Device (Keyboard)
- Terminal Mode (CDC Serial)
- OSDP Over USB (CDC Serial)
- (future) CCID APDU (Smartcard)
- (future) Emulated Network Driver

Credential System

- Defines the credential number mask such as facility and card length.
- Supported technologies such as DESFire, Prox, iCLASS, Apple Access, HCE, etc.

Human Interface Device Data Model

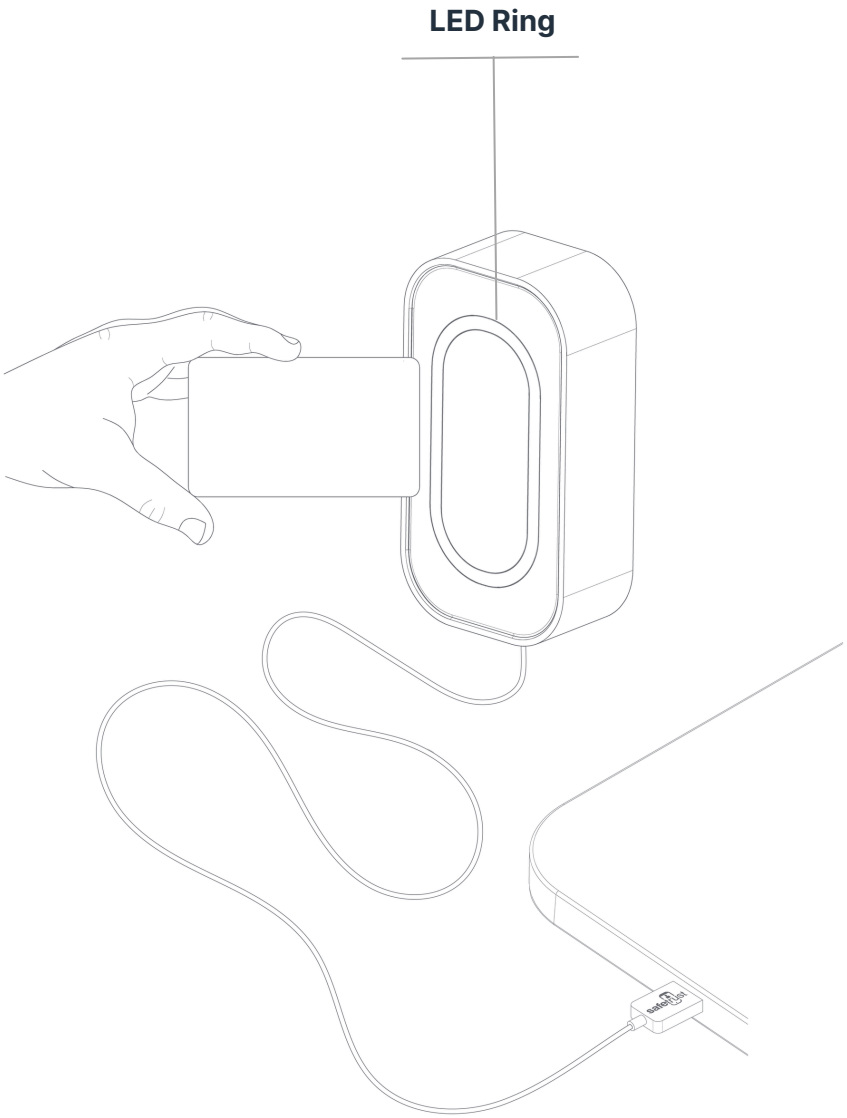
- Hexadecimal Wiegand, Card Number, Facility+Card number
- Custom format with static text, card, facility raw
- Carriage return and line feed

Networking

- Enterprise-grade Wi-Fi options, including PPSK, 802.1x EAP/TLS

05

Testing



Access with cards

Status LED

Solid red
Indicates idle mode

Flashing red, blue, green
Power up mode

Flashing green
Card credential is read and transmitted through designated wires

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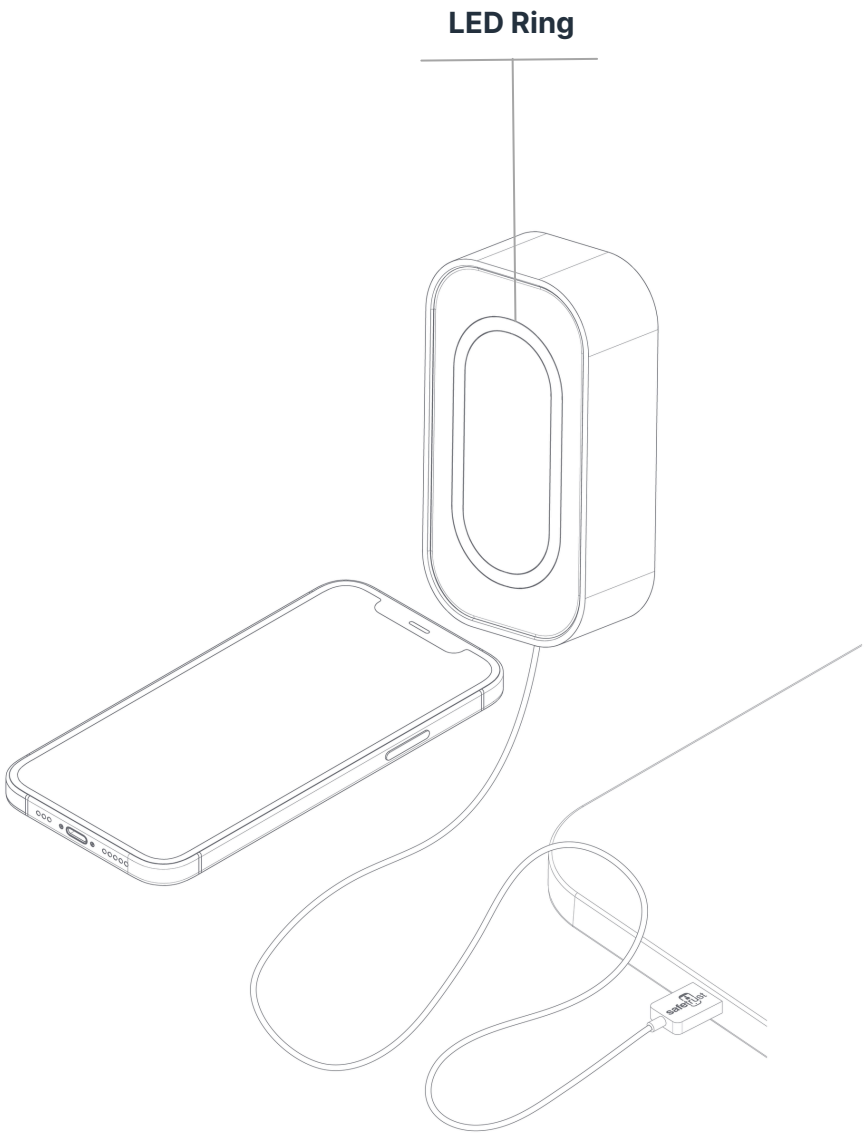


Access with Mobile – BLE

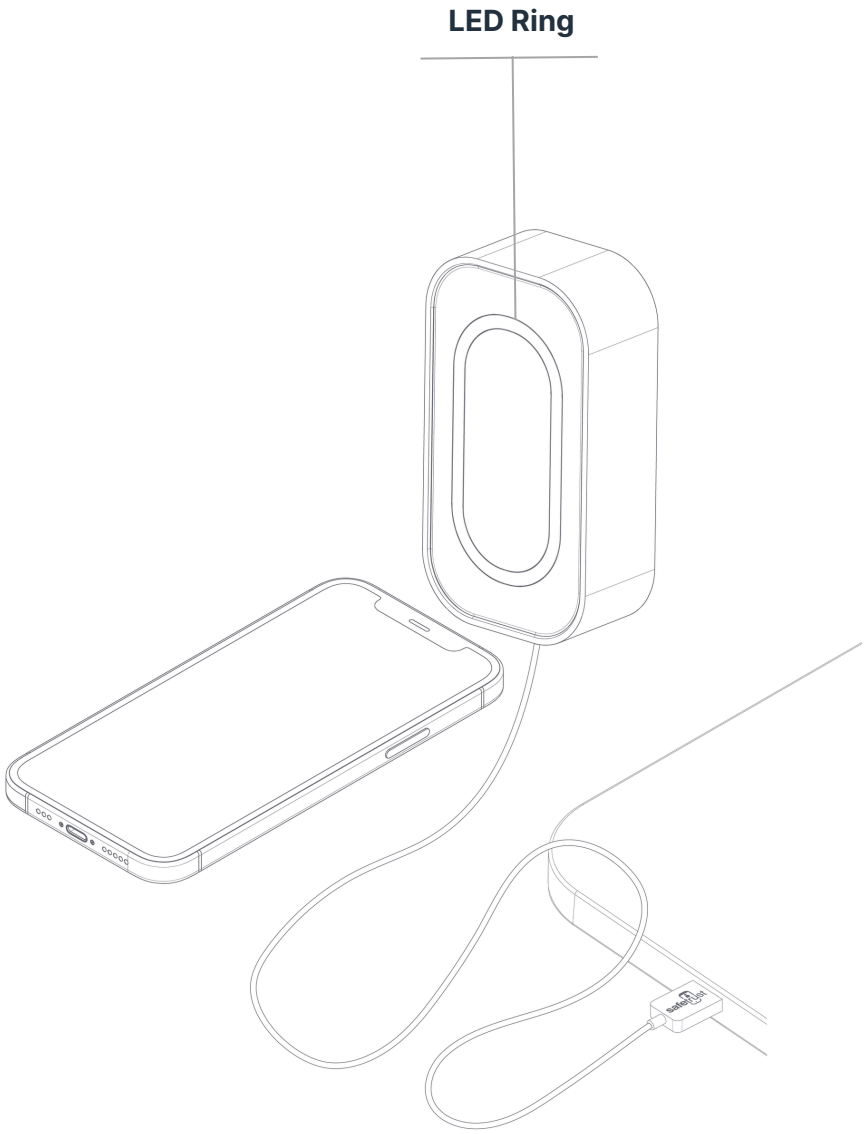
Status LED

Solid red
Indicates idle mode

Flashing red, blue, green
Power up mode

Solid Blue
Mobile credential detected

Flashing green
Mobile BLE credential is read and transmitted through designated wires



Access with Mobile – NFC

Status LED

Solid red
Indicates idle mode

Flashing red, blue, green
Power up mode

Flashing green

Mobile BLE credential is read and transmitted through designated wires

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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 USB.

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

Sincerely -
The Safetrust Team