Safetrust BAB78490SUM IoT Sensor Keypad User Guide

Contents

Safetrust BAB78490SUM IoT Sensor Keypad

Product Information

Specifications

- **Model:** 8845-300
- **Last Updated:** November 29, 2022

In the Box

- #6-32 x .375 Phillips flat head screw – Secures the top and bottom casing together
- #6-32 x .375 Phillips machine screws – For mounting wall bracket

What You'll Need

- A working internet connection (optional)
- 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, follow these steps:

1. Locate the electrical box which will be recessed into the wall. You will see a top and bottom metal flange with holes which is used to secure the back plate to the wall.
2. Using the provided Phillips machine screws (#6-32 x .375), screw the back plate against the electrical box so that it's flush.
3. Connect the wires as per the wiring table provided.
4. Once the back plate has been fitted and the wiring is complete, insert the top casing onto the bottom casing.
5. Complete the hardware installation by fixing the screw (#6-32 x .375 Phillips flat head screw) to the top and

bottom casing.

Wire Colors

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

Configuration

1. Open the Safetrust Wallet APP and select the Manage Sensor tab. Make sure your system admin has set you up with this role.
2. 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.
3. 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

LED Ring:

- **Solid red:** Indicates idle mode
- **Flashing red:** Powering up
- **Solid green:** Success
- **Flashing green:** Credential is read and access is granted

Regulatory

- Contact Safetrust Inc. for regulatory information.

Support

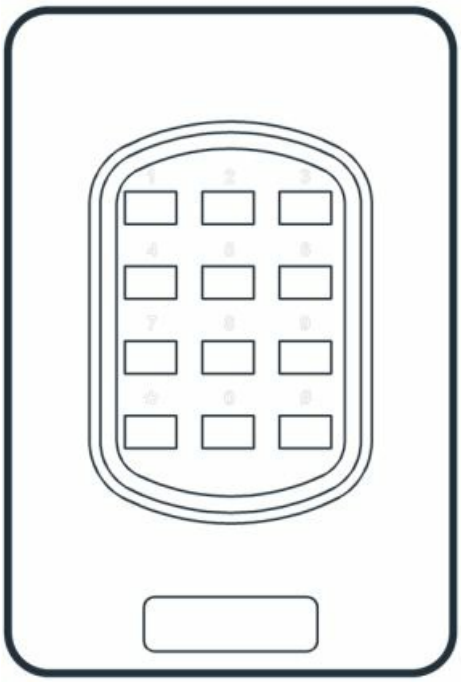
- Contact Safetrust Inc. for support inquiries.

FAQ

Q: Do I need an internet connection to use this product?

- **A:** A working internet connection is optional for this product.

In the box



What you'll need

#6-32 x .375" Phillips flat head screw

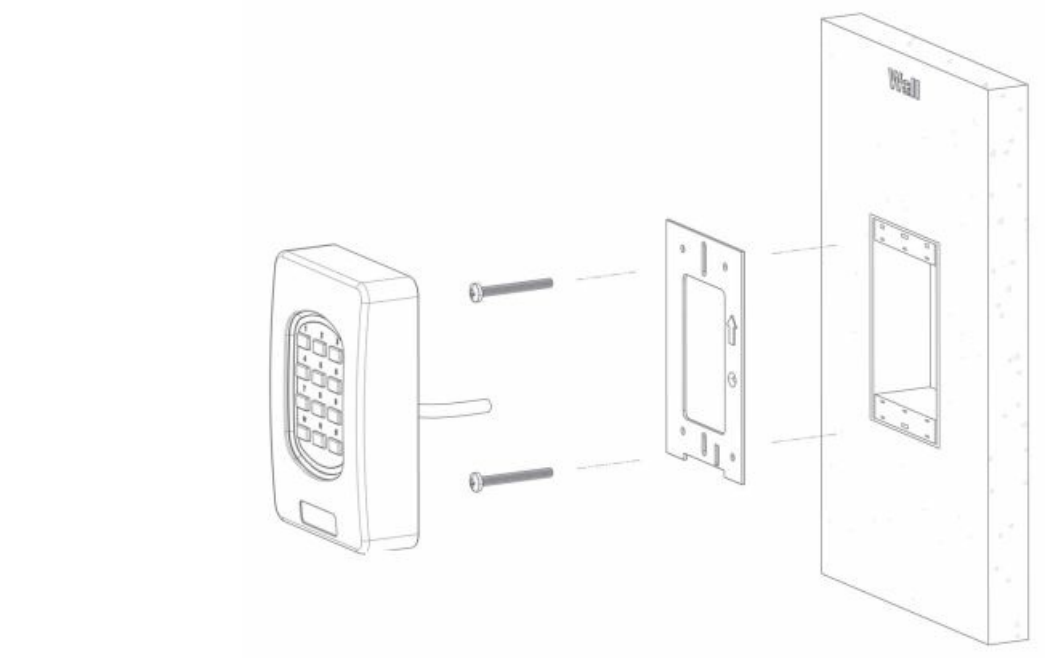
Secures the top and bottom casing together

#6-32 x .375" Phillips machine screws

For mounting wall bracket

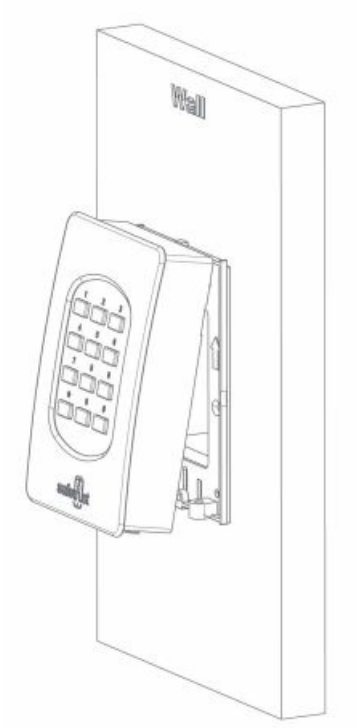
- A working internet connection (optional)
- Cable, 5-12 conductor (Wiegand), 4 conductor Twisted Pair Over-All Shield and UL approved, Belden3107A or equivalent (OSDP)
- Linear DC power supply
- Metal or plastic junction box
- Drill with various bits for mounting hardware

Installation

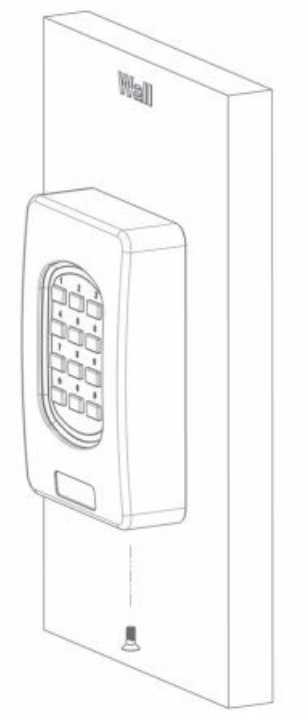


- For a wall-mounted installation, locate the electrical box which will be recessed into the wall. You will see a top and bottom metal flange with holes which is used to secure the back plate to the wall.
- Using the Phillips machine screws provided (#6-32 x .375”) screw the back plate against the electrical box so that it’s flush.

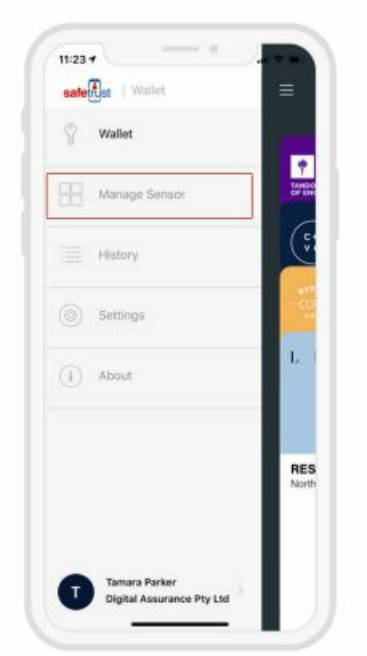
- The next step is to connect the wires as per the wiring table above.



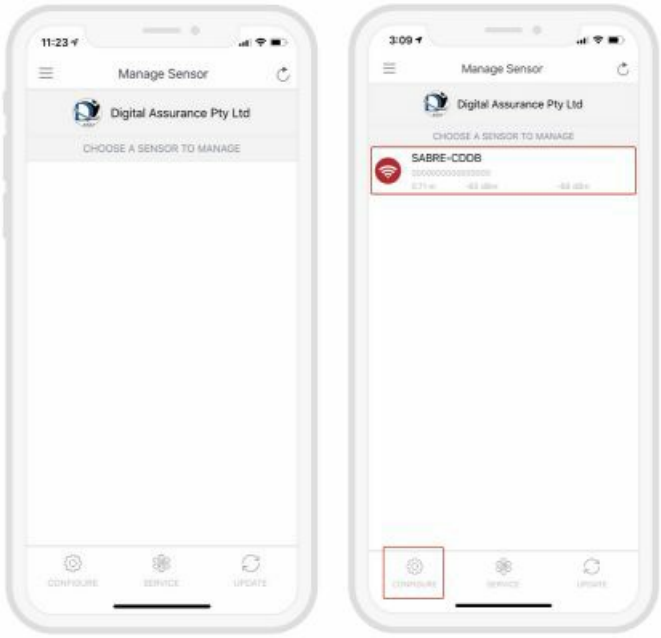
- Once the back plate has been fitted and the wiring is complete, the top casing can be inserted into the bottom casing as shown above.



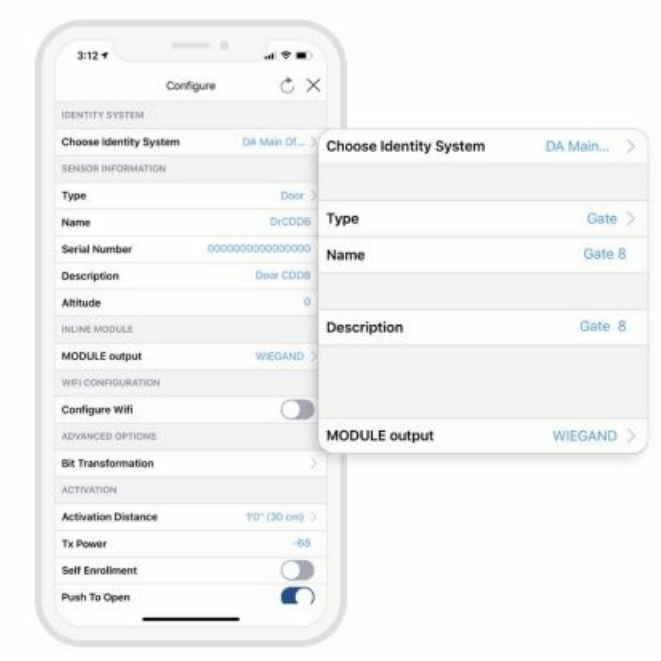
Configuration



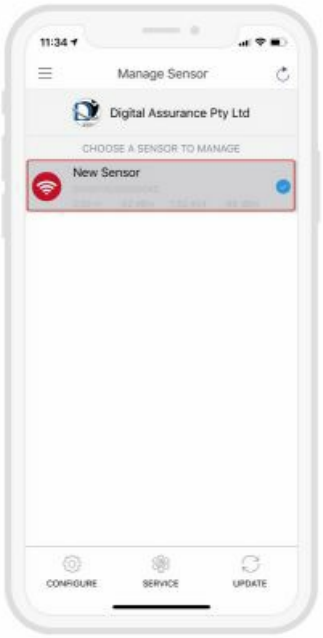
- Open the Safetrust Wallet APP and select the Manage Sensor tab. Make sure your system admin has set you up with this role.



- 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”.



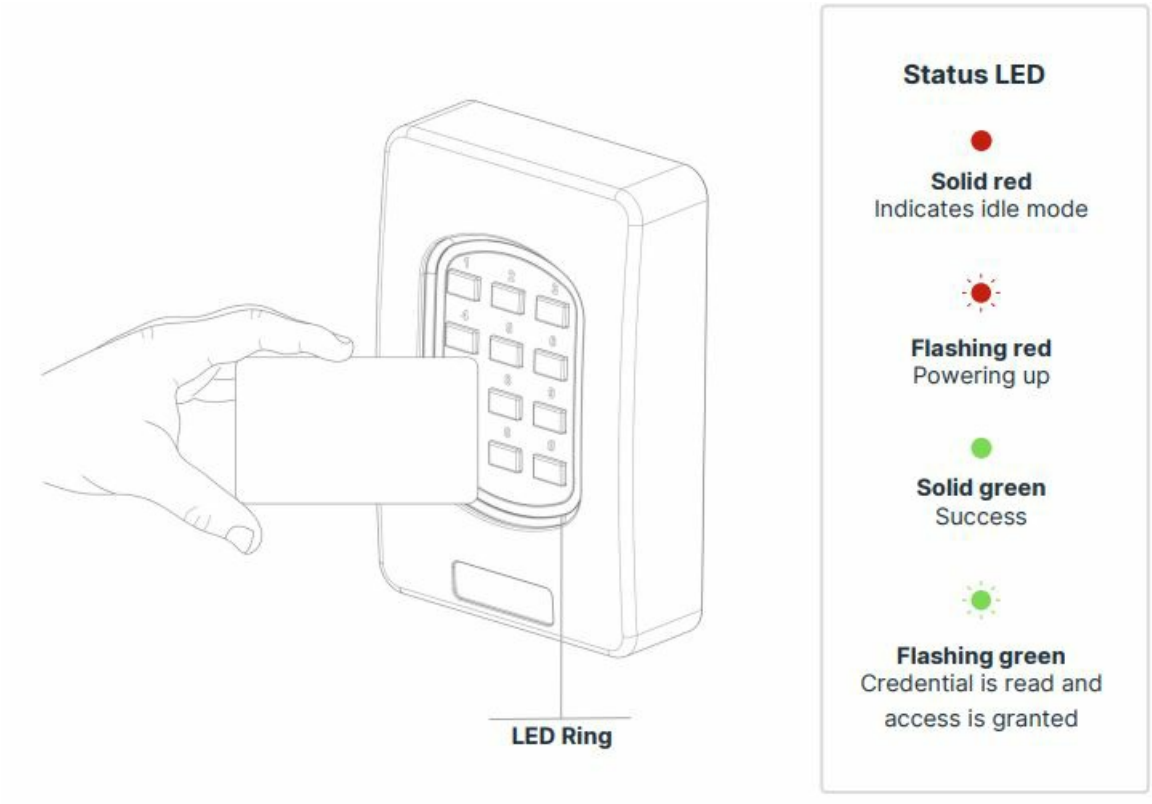
- Choose an Identity System.
- Specify the Type of access from the dropdown (eg. Door, Gate, etc.)
- Assign a short Name and Description using alphanumeric characters.
- Choose an Output for the sensor (the default is set to Wiegand).



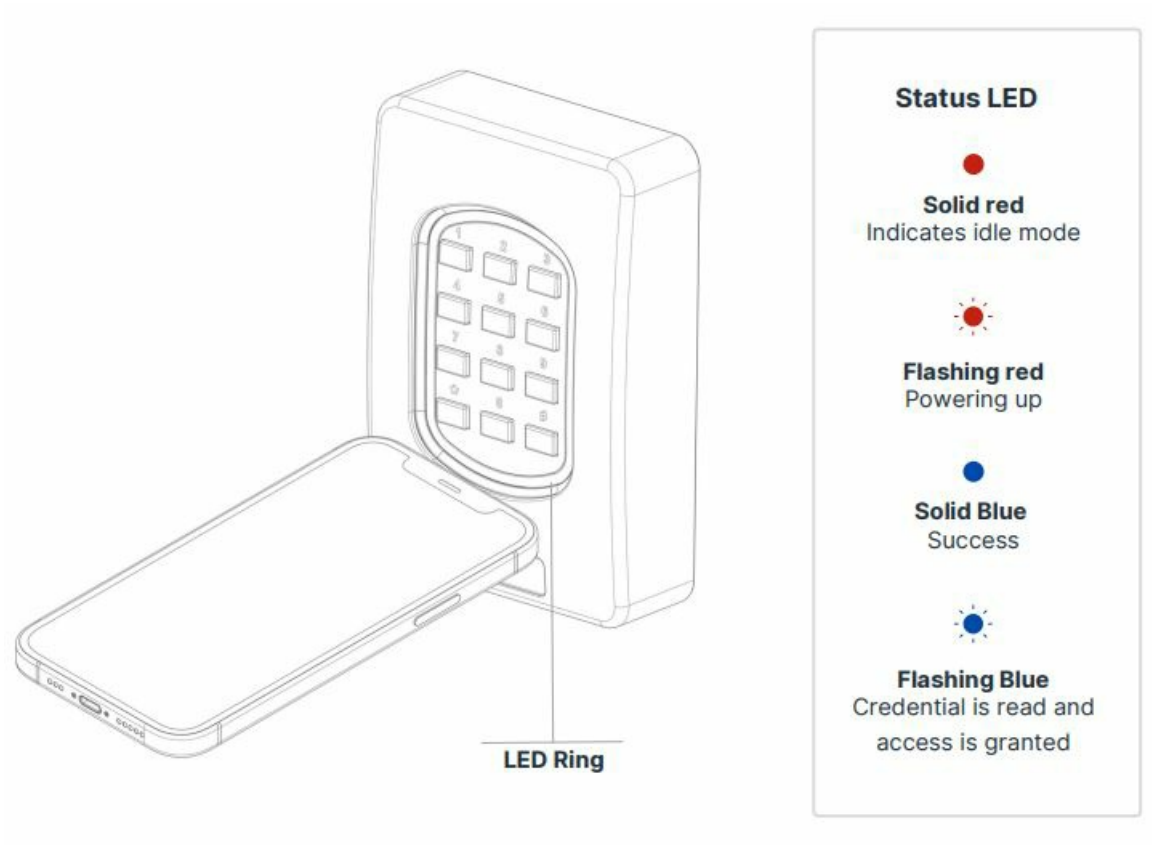
- When the IoT Sensor information is saved successfully to Credential Manager and assigned to the Identity System, the new description will appear in the Manage Sensor tab with a unique serial number assigned.

Testing

Access with cards



Access with mobile



Regulatory Information

FCC

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,
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,
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 Keypad.
- 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 BAB78490SUM IoT Sensor Keypad** [pdf] User Guide DAEwlz4wO7c, BAB78490SUM, BAB78490SUM IoT Sensor Keypad, BAB78490SUM, IoT Sensor Keypad, Sensor Keypad, Keypad

References

- **Safetrust Inc - Touchless Identity Solutions**
- **Safetrust Inc - Touchless Identity Solutions**
- **User Manual**