



Buddi Technical and User Publications

## **Device Installation Guide**

### **Smart Beacon ID**

Publication release date 09-2024 : v.1.0\_1.0



## Smart Beacon ID



### Introduction

Use this Guide to assist with set-up and operation of Smart Beacon ID. The Smart Beacon ID is intended to report device status and curfew monitoring in the Eagle Portal monitoring software system.

Smart Beacon ID has a fingerprint panel feature which can profile biometrics for wearer identification.

Smart Beacon ID can be paired with a Secure Band, SureTag or Smart Tag.



## Equipment



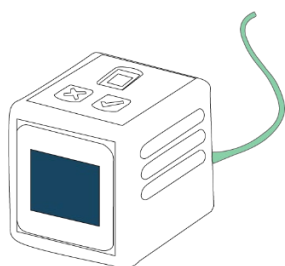
1

Smart Beacon ID

## Set-up Smart Beacon ID

Make sure Smart Beacon ID is ready for operation and tested for communication response before instalment.

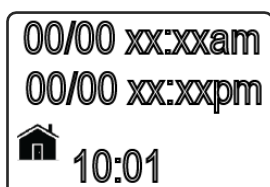
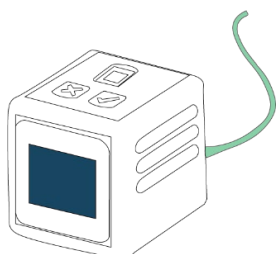
**!Info** Smart Beacon ID will be in passive mode or pre-assigned to a wearer profile, refer to the Eagle User Guide



**A** Plug Smart Beacon ID into a mains socket - the device will display the local time when started

- Smart Beacon ID will display a Buddi logo when it is plugged in for first use or when the device is started and is unplugged with low on-device battery available
- If the Smart Beacon ID is set to 12 hour time display the mode – **P** (pm) or **A** (am) – will be shown with the time

## Active Smart Beacon ID



**B** Device alert and wearer curfew times will show on the Smart Beacon ID above the local time – the display will update when alerts are being reported

- A **closed home** symbol will display when curfew times are active – this will issue a device alert – the wearer is required to be within the area set for curfew or should stay home



- A **walking man** symbol will display when no curfew is in effect – the wearer is free to go



- A **plug** symbol will show if the Smart Beacon ID is unplugged and using battery – the equipment should be plugged in



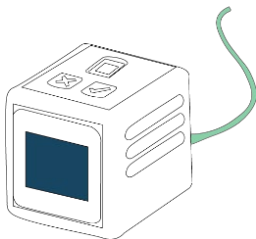
- A **telephone** symbol will show if a call is in progress or being initiated – incoming or outgoing

**!Info** Curfew times will update each 24 hour cycle

*It can take up to 1 hour to display alert and curfew times on the Smart Beacon ID when connected from stand-by or on update from the Eagle system*

*Refer to the Eagle User Guides for remote alert and wearer profile actions*

## Active Smart Beacon ID – Enrol



Enrol a biometric profile to Smart Beacon ID

- The Smart Beacon ID device will prompt for wearer fingerprint enrolment when the device is started and has connected to the monitoring system



- Smart Beacon ID will display a **biometric** prompt symbol to enrol fingerprints

- Place a finger on the touch sensitive panel on the top of the device



- Smart Beacon ID will display a finger **number** prompt symbol when the fingerprint is in place
- Keep the finger on the sensor and monitor the Smart Beacon ID display



- Smart Beacon ID will display the **retry** prompt to obtain a full representation of the fingerprint - remove then replace the same finger on the touch sensor when prompted



- Smart Beacon ID display will display a **fingerprint success** when the fingerprint is successfully enrolled



- Smart Beacon ID will display the **fingerprint not enrolled** symbol if the device cannot verify the biometric when a fingerprint is scanned



- Smart Beacon ID can enrol more than one fingerprint profile
- Smart Beacon ID will prompt for a further biometric - place the next finger on the fingerprint sensor - repeat the enrolment for each consecutive finger when prompted
- Repeat the enrolment steps for each requested finger



- Smart Beacon ID will display the **retry** prompt to obtain a full representation of the fingerprint - remove then replace the same finger on the touch sensor when prompted

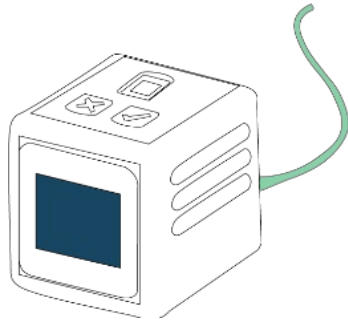


- Smart Beacon ID will display a **success** symbol when the fingerprint is enrolled



- Smart Beacon ID will display the **fingerprint not enrolled** symbol if the device cannot verify the biometric when a fingerprint is scanned
- When the wearer enrolment is complete the Smart Beacon ID will update to the default display - the local time, any associated curfew schedule and wearer curfew status symbol

## Active Smart Beacon ID - Verification



### **D** Verify biometric profile with Smart Beacon ID

- Fingerprint verification prompts are sent from the monitoring system to the Smart Beacon ID and will display on the screen
- Smart Beacon ID will prompt for a **verification** scan immediately after enrolment



**!Info** *This scan is an opportunity for the field officer to demonstrate to the subject how a verification check prompt would look like and how they are expected to complete the check*

- Place one of the previous scanned fingers on the fingerprint sensor when prompted on the display
- Smart Beacon ID will display the **retry** prompt symbol if it requires the wearer to replace the finger on the panel to verify the biometric



- A verification **success** symbol will appear on the Smart ID display when the fingerprint has passed the verification scan
- A verification **fail** symbol will appear on the Smart Beacon ID if the fingerprint has not passed the verification scan
- Repeat the steps and follow the Smart Beacon ID display prompts for any subsequent fingerprint verifications



- A verification **success** symbol will appear on the Smart ID display for each successful biometric scan
- A verification fail symbol will appear on the Smart Beacon ID display for each biometric scan which has not been verified

**!Info** *Inform the wearer that the sequence of fingerprint verification must be the same as enrolment*



## Regulatory Information

### FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

### ISED Statement

This device complies with ISED's licence-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.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Ce dispositif est conforme à la norme RSS exemptée de licence de l'ISED. L'opération est soumise aux deux conditions suivantes : (1) ce dispositif peut ne pas causer d'interférence, et (2) ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer le fonctionnement indésirable de l'appareil.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.