

User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 1 of 7	

## Smart Beacon v2.2DS User Manual

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<b>Owned by:</b>	Brad Buike	Head of Product Engineering
<b>Prepared by:</b>	Brad Buike	Head of Product Engineering
<b>Checked by:</b>	Charles Lewinton	COO
<b>Approved by:</b>	Charles Lewinton	COO

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User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 2 of 7	

## DOCUMENT HISTORY

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## REFERENCED DOCUMENTS

Ref.	Document Name	Version	Date

User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 3 of 7	

## CONTENTS

1. Introduction .....	4
2. Equipment Description .....	4
3. Smart Beacon v2.2DS Installation .....	4
4. Smart Beacon v2.2DS Operation.....	5
5. Sanitization and Re-Use .....	5
5.1.    Smart Beacon v2.2DS .....	5
5.1.1.    Collection .....	5
5.1.2.    Inspection.....	5
5.1.3.    Cleaning.....	6
6. FCC warning statement.....	7
7. ISED Statement .....	7

User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 4 of 7	

## 1. Introduction

This document is intended to be the source reference material for using the Smart Beacon v2.2DS product, with the exception of electronic configuration (including set-up and interaction with the on-line monitoring portal). The emphasis here is upon describing the physical features, correct installation and removal etc.

## 2. Equipment Description



The Smart Beacon v2.2DS is a multi-function RF Beacon to be used in conjunction with the Smart Tag device as an optional accessory. In addition to providing an intelligent link to the Smart Tag, the unit also provides a method of direct communication with the subject via text messages to the display, or two-way voice communication which can be initiated in either direction. The call function can be configured to allow the subject to call one or more pre-defined numbers, such as the monitoring centre, or an SOS number such as '999'.

## 3. Smart Beacon v2.2DS Installation

The Smart Beacon v2.2DS is designed to sit discreetly in any domestic setting, with no permanent fixing necessary it should sit securely on any table, work surface or floor.

The Smart Beacon v2.2DS will require permanent connection to a mains power supply, however battery back-up is provided in the event of mains power failure. When the unit is plugged into a mains power supply the display will not show a symbol of a plug. When the power is removed a symbol of a plug will appear on the display.

The Smart Beacon V2.2DS should not be installed this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.

User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 5 of 7	

To avoid interference to nearby appliances, do not place the Smart Beacon V2.2 on or near a TV, microwave oven, or VCR. If this Smart Beacon V2.2 does cause harmful interference to radio or television reception.

#### **4. Smart Beacon v2 2DS Operation**

The Smart Beacon v2.2DS communicates over 2G/3G/4G to a server-based monitoring platform, which interprets the data provided to populate a web portal user interface. The data sets include the following:

User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 6 of 7	

surface marking which may be indicative of the unit being exposed to high impacts or tampering. Areas that require special attention are;

User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 7 of 7	

## 6. FCC warning statement

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 20cm between the radiator & your body.

User Manual-Smart Beacon User Manual	Version: 1.0	
	Date: 28/06/2023	
	Page: 7 of 7	

## 7. 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 ISED radiation exposure limits set forth for an uncontrolled environment for portable use. End users must follow the specific operating instructions for satisfying RF exposure compliance. No changes shall be made to the equipment without the manufacturer's permission as this may void the user's authority to operate the equipment.

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.

Cet équipement est conforme aux limites d'exposition au rayonnement d'ISDE établies pour un environnement non contrôlé à usage portable. Les utilisateurs finaux doivent suivre les instructions d'utilisation spécifiques pour satisfaire à la conformité à l'exposition aux RF. Aucune modification ne doit être apportée à l'équipement sans l'autorisation du fabricant, car cela pourrait annuler l'autorisation de l'utilisateur d'utiliser l'équipement.