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# SmartLog Diabetes Management App\_iOS

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## 1. Introduction

The SmartLog app (application) is designed as an accessory to the i-SENS Blood Glucose Monitoring System and is intended to help users track and monitor their blood glucose levels by providing the following features:

- Transfer of data from your meter to your mobile device.
- Analysis of data using a variety of graphs.

### App Permission Requirements

- Access to device ID: enables generation of unique encryption key to secure your medical information.
- Access to Network Communication: enables you to share your data.
- Access to Camera or Photo Album: enables you to log visual data.
- Activate Bluetooth SMART: enables transfer of data to a Bluetooth SMART equipped meter.

Function available on the SmartLog app may vary depending on your mobile device. For your device specifications, please contact the mobile device manufacturer.

### Installation Requirements

OS : iOS 13 or later

SmartLog application may only be used on a mobile phone installed with “Health” application provided by Apple.

Internet connection for utilizing the email transmission and Push function

## 2. Getting Started

The instructions and agreement provided in this application should be fully familiarized and agreed respectively for a smooth operation of the software.

The following personalization of SmartLog is recommended for optimal performance. The first step is to select Personalization or Later on the home screen of SmartLog.

- User Info and Unit

### 1) User Info

Enter the following information to enable sharing of Trend Analysis:

- ① Select User Info.
- ② Fill out Last Name and First Name.
- ③ Select Date of Birth.

- ④ Select Gender.

## 2) Unit

You can individually set the glucose unit, the weight unit, and the blood pressure unit. The set units are shown in the reports such as Summary, Add and Report.

## 3) Alarm

You can set the alarm to alert you of the set measurement times by melody or vibration. It also allows you to name the alarms and select the measurement types.

## 4) Registered Meters

Shows a list of glucose meters connected to the SmartLog app.

You can register up to ten meters, which can be disconnected individually.

Regardless of the disconnection, the data transferred to the SmartLog app will not be deleted.

# 3. Home Screen

A graph and diary of the most recent 7-day data are shown on the home screen. More detailed information can be found by selecting Trend Graph.

You can edit Logbook by selecting Logbook item. (Data transferred from your meter cannot be modified.)

# 4. More

## 1) Meter Connection

### *Bluetooth*

#### Initial connection (pairing process)

- Run the SmartLog app.
- Select Accessories on the More menu.
- Select Bluetooth.
- Enable the Bluetooth function on your mobile phone.
- Enable the Bluetooth function on your meter in the Setup Mode (BT Pair).
- Check the Pin Code from your meter and enter the number into the SmartLog app and select Confirm.

#### For automatic transfer after measurements:

- Enable the Bluetooth function on your mobile phone.
- Enable the Bluetooth function on the meter from the Setup Mode (BT On).
- Run the SmartLog app.
- Perform a measurement.

- The data will be transferred automatically when the strip is ejected after measuring.

\*Make sure your meter is placed within range of two meters from your mobile phone.

## 2) Target Value

The target and hypo ranges can be referred to in Summary, Add and Report.

- Above the Max. target value: blue
- Within range: green
- Below Min. target value and above hypo: yellow
- Hypo: red

## 3) Backup

The Backup function enables you to send personal data via emails.

- Enter a recipient address.
- Select Send.

## 4) Push

### **Push Setting**

The push function is available only when it is turned on.

To use the “Add a friend”, your friend’s ID must be registered, and the Push Setting must be activated on your friend’s mobile phone.

- Create your own ID by selecting Request on Make My ID.
- Input your friend’s ID on the Add Friend menu, and then select Share Data.
- Sharing Data will be available on your friend’s mobile phone once the sharing request is confirmed.
- Shared data can be found in the Push Data List or pop-up message.
- Select the Delete button from Manage Registered Friend to remove friends from the list and to stop sharing data.

Up to five of recipients can be added and maximum of 100 messages can be sent out per day.

### **Push Data List**

Previously shared data can be found by each friend.

The glucose data is stored in chronological order, and the total 7-day data is available for review.

Also, each measurements can be individually deleted.

## 5) Version

The version information of your SmartLog app can be found on your mobile phone. If your SmartLog app is not the latest version, you may update the app on the App Store.

#### 6) Notice

You can check for useful APP notifications.

## 5. Add

Dates, blood glucose values, meal-flagging, pictures and additional information can be added and stored manually.

When adding additional information, make sure to select the Save button to save the data. The added information can be found on the Add screen.

- Select Add (+).
- Enter the date, the glucose value, meal-flagging.
- Select the Save button.

#### Camera and Albums

You can add an image by taking a new photo or by selecting one from the Photo Album.

The added image can be found on the Summary or the Logbook with the glucose value.

- Select Albums: open and select a photo from the Albums
- Select Camera: take a new photo using your mobile phone

## 6. Report

### 1) Trend Analysis

#### Graph

The graph drawn based on your glucose values help user analyze a trend.

#### Statistics

Provides a statistical report over a certain period of time.

The statistics report provides averages of pre-meal, post-meal and in total and standard deviation for a selected period of time.

#### Share

You can email the Trend Graph and Statistics via the Share menu after providing certain User info.

i-SENS is NOT responsible for the security of User info when unencrypted email or

software are used to share Report.

### 2) Daily Graph



The Daily Graph shows glucose values over a certain period in the last 24 hours. You can select to see the graphs of average glucose values among pre-meal, post-meal, fasting and in total.

### 3) Logbook

The Logbook shows stored glucose data in chronological order. You can review the data selectively using the data type option and switch to the Add screen to add new data.

## 7. Print

Soon after sending a report via email to share data, it will be available for the recipient to print although the SmartLog app does NOT directly support the print option.

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