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# SmartLog Diabetes Management App\_Android

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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 photos: enables you to log visual data.
- Activate NFC enables you to use the NFC function.
- Access Location: enables you to search a Bluetooth equipped meter.
- Activate Bluetooth: enables transfer of data to a Bluetooth 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 : Android 4.1 or later

Resolution : 1280 x 720 or Higher

Internet connection to allow the transmission of email and Push function.

Cable for connecting meter connection (contact your authorized i-SENS sales representative).

## 2. Getting Started

After reading and agreeing to the Terms and Conditions, please read these instructions carefully to ensure that you get the most out of your new SmartLog App.

For optimal performance we recommend that you personalize your SmartLog. To do so, select **Personal Settings** or **Later** on the SmartLog home screen and follow the instructions.

### 1) User Information

Enter the following information to enable sharing of trend analysis.

- ① Select User Information.
- ② Enter Last Name and First Name.
- ③ Select Date of Birth.
- ④ Select Gender.

### 2) Unit

You can set the units of measurement for glucose unit, the weight unit, and the blood pressure unit individually. The units you set will appear in reports such as Summary, Add and Reports.

### 3) **Alarm**

You can program the alarm to either play a melody or vibrate at the set measurement times. You can name individual alarm calls and select types of measurement.

### 4) **Registered Meter**

Shows a list of blood glucose meters connected to the SmartLog app. You can register up to ten meters, which can be disconnected individually. Data transferred to the SmartLog app will not be deleted even if meters are disconnected.

## 3. Summary

The **Summary** screen displays a graph and a diary of data recorded over the past 7 days. More detailed information can be found by selecting **Trend Graph**.

You can edit the Logbook by selecting the **Logbook** item. (Data transferred from your meter cannot be modified except meal-flagging.)

## 4. Add

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

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

### Use Camera and From Gallery

You can add images either by taking a new photo or by selecting one from the Gallery. The added images can be found on the Summary or the Logbook screen with the blood glucose values.

- Select **Use Camera**: take a new photo using with your mobile device.
- Select **From Gallery**: open and select a photo from the Gallery.

## 5. Report

### 1) **Trend**

#### Graph

A Graph generated based on your blood glucose values allow you to analyze trends.

#### Statistics

Provides a statistical report over a certain period of time.

The statistical report provides (1) average and standard deviation and (2) average and tests per day based on total or before/after-meal blood glucose tests performed in the selected date range.

In addition, the colors and numbers have been added visually to make it simple for the Users.

- Above the Max. target (**Blue**): Total number of measurements and its percentage.
- Within the target range (**Green**): Total number of measurements and its percentage.
- Below the Min. target (**Yellow**): Total number of measurements and its percentage.
- Hypo (**Red**): Total number of measurements and its percentage.

### **Share**

You can email the trend graph and statistics via the Share menu after providing user information.

i-SENS, Inc. is NOT responsible for the security of user information when unencrypted email or software is used to share the report.

### **2) Daily Graph**

The **Daily Graph** tracks blood glucose values over 24-hour periods, and allows for comparing multiple days of data organized by hour of the day.

You can select to view individual graphs showing the following average blood glucose values: Overall, Before Meal, After Meal and Fasting.

### **3) Logbook**

The **Logbook** shows stored glucose data in chronological order. You can review the data selectively using the data type option. You can also edit the data manually by selecting each Log.

## **6. More**

### **1) Meter connection**

#### **Cable**

- Connect the cable to your meter.
- Run the SmartLog app.
- Connect the other end of the cable to your mobile device.
- Once connected, the data will be transferred automatically.

#### **NFC**

- Turn NFC on your mobile device.
- Run the SmartLog app.
- Tag the meter to the back of your mobile device
- Automatic data transfer will begin.

\* Make sure that the application and the meter are both using the same blood glucose unit (mg/dL or mmol/L).

\* Measurements downloaded on to the application from the meter in mmol/L units may have a difference of +/- 0.1mmol/L depending on the calculation method of below Hundredths decimal

points.

### **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).
- The SmartLog App is turned on or Background running function is on, and your mobile phone must be connected to the meter.
- 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) Blood Glucose Settings**

Target range and hypo can be referred to in **Summary, Add and Reports.**

- Above the Max. target value: **Blue**
- Within the target range: **Green**
- Below Min. target value and above hypo: **Yellow**
- Hypo: **Red**

### **3) Data Sharing**

#### **Backup**

The backup function enables you to send your data via emails.

- Enter a recipient's email address.
- Select **Send.**

#### **SMS Setting**

You can share data with anyone whose contact number is listed in the app.

The app automatically sends new measurements to your designated recipients by SMS. Using the SMS function to share data may result in additional charges depending on your plan, such as billing arrangement, price plan, and contract, with your mobile operator.

You can have up to 5 recipients, and you can send a maximum of 100 messages a day.

### **4) Push (Data Sharing)**

#### **Push Setting**

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

To use the **Add Friend**, your friend's ID can be registered, and the **Push Setting** must be activated on your friend's mobile device.

- Create your own ID by selecting **Request** on the **Create ID** menu.
- Enter your friend's ID on the **Add Friend** menu, and then select **Share Data.**

- Sharing data will be available on your friend’s mobile device once the sharing request is accepted.
- You can view shared data in **Push History** or pop-up message.
- To remove friends from the list and to stop sharing data with them, select the **Delete** button from the **Friends List**.

You can have up to 5 friends on your list, and you can send a maximum of 100 messages a day.

**Push History**

You can view all previously shared data sent by friends.

The blood glucose data is stored in chronological order as received. The data will be automatically deleted 7 days after received.



Measurements can be deleted individually.

**5) Version**

The version information of your SmartLog app can be found on your mobile device. Older versions of the SmartLog app can be updated on the Play Store.

**6) Notice**

You can check for useful APP notifications.

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