

TYs SensorKit

User Guide

Rev. 1.0 11/10/2021

Revision history

Revision	Date	Comment
1.0	11/10/2021	Release

Table of Contents

1	Introduction	4
2	Application	5
2.1	Application Start	5
2.2	Select sensor Screen	7
2.2.1	About starting Select sensor Screen	7
2.2.2	Display of Select sensor Screen	8
2.3	Select data Screen	9
2.3.1	About starting Select data Screen.....	9
2.3.2	Display of Select data Screen	10

1 Introduction

The application can be downloaded from the App Store google play. The screenshots in this manual were taken using the 12.1.4 iPad Pro. The current application supports from iOS version 10 to the version (14).

Please download the application from the following.

[google play]



[App Store]



2 Application

2.1 Application Start

When the application is installed on the device, the icon shown in Figure 1 appears in the device's home menu.



Figure 1: Application Icon

If Bluetooth is disabled on your device, you will see a hop-up message when you launch the application. Please enable Bluetooth from the settings page before using the app.

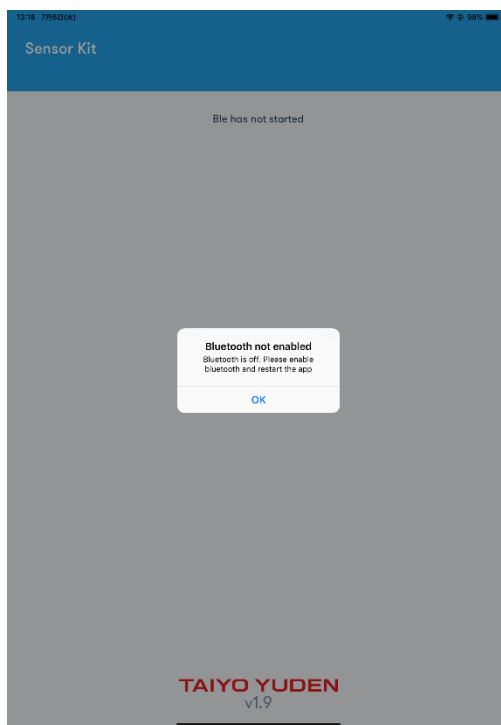


Figure 2: Warning

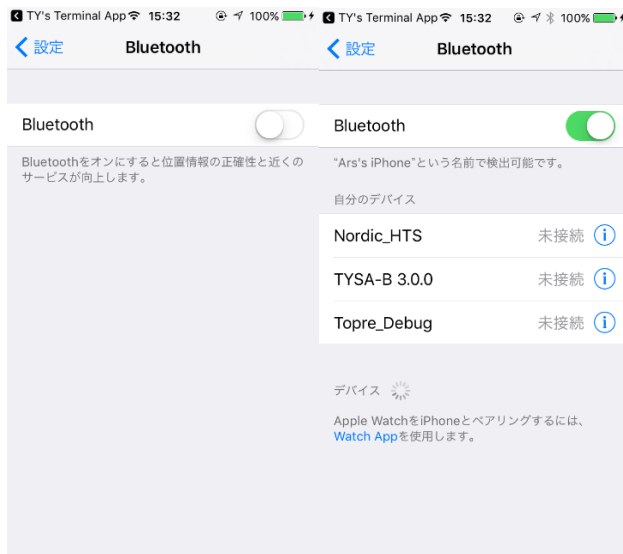


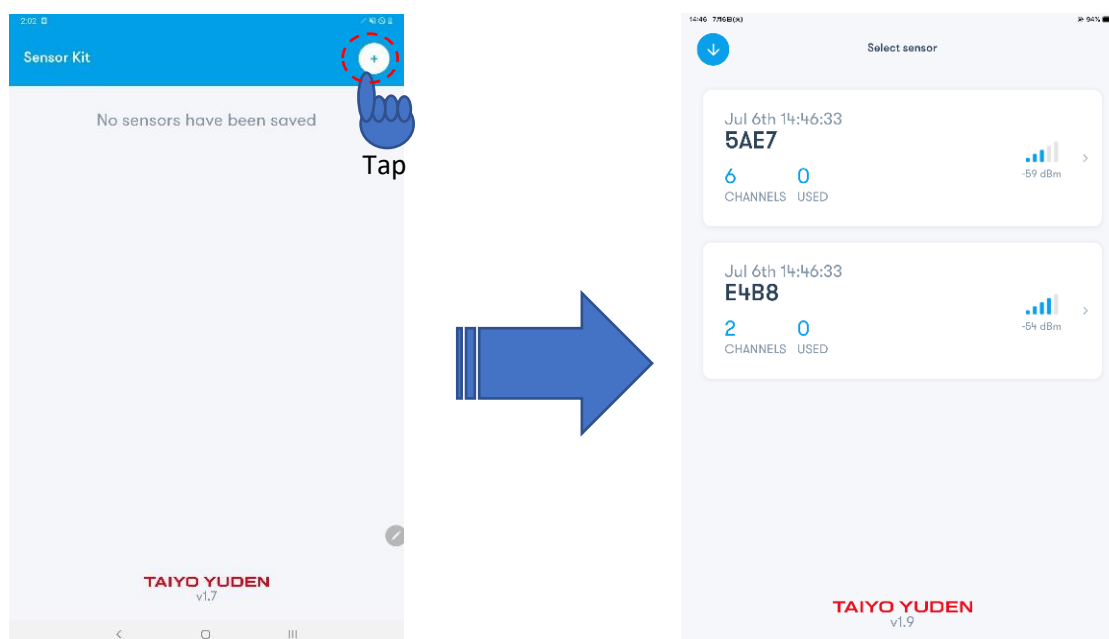
Figure 3: Enable Bluetooth(iOS)

2.2 Select sensor Screen

2.2.1 About starting Select sensor Screen

By tapping the "+" mark displayed on the startup screen, the Select sensor screen is displayed. The Select sensor screen shows the Sensor Kits that are within range of the device. Each Sensor Kit shows the number of valid sensor data and the number of sensor data already used in the display.

If you are using multiple Sensor Kits, check the address displayed on the terminal of each sensor KIT.



2.2.2 Display of Select sensor Screen

Each Sensor Kit displayed on the Select sensor Screen has the following configuration.

See Table 1 data description for more information on the data displayed.

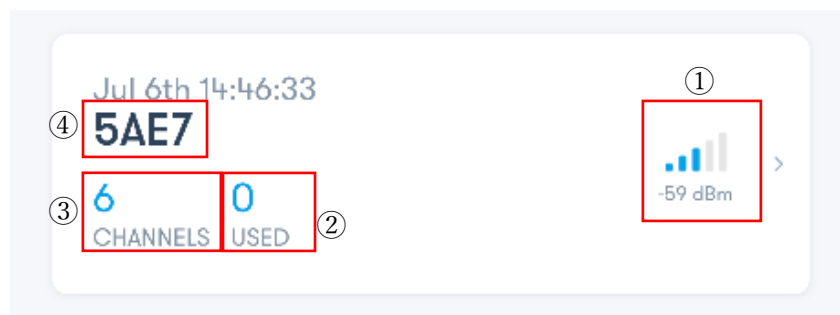


Figure 5: WLAN Settings

No.		
①	Device name	Sensorkit device name
②	Data num	Number of data transmitted by the received beacon
③	Display num	Number of data already displayed
④	RSSI	Radio strength

Table 1 data description

2.3 Select data Screen

2.3.1 About starting Select data Screen

Tap the Sensor Kit displayed on the Select sensor Screen to switch the screen to the Select data screen.

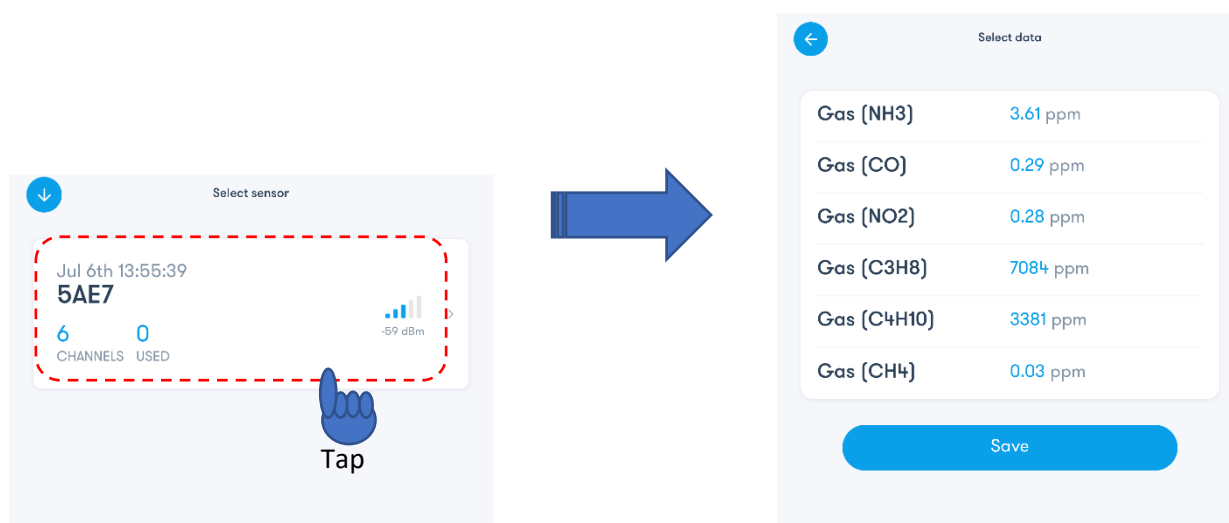


Figure 6: Bluetooth Settings

2.3.2 Display of Select data Screen

In Select data Screen, a check mark is displayed when you tap the sensor data to be used.

If you tap the Save button with the sensor data checked, the screen will return to the Top screen and the selected sensor data will be displayed.

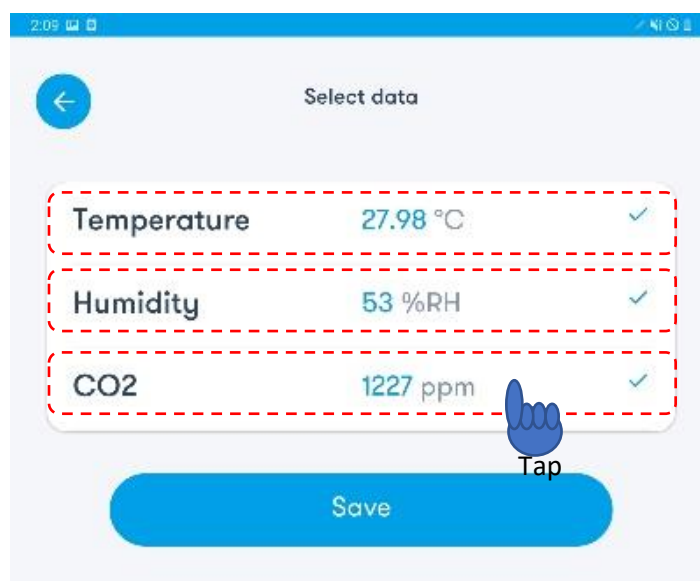


Figure 7: Bluetooth Settings



Figure 8: HTerm connected to the TYSAB device

When displaying sensor data using multiple Sensor Kits, multiple sensor data can be displayed on one screen as if by repeating the same operation.

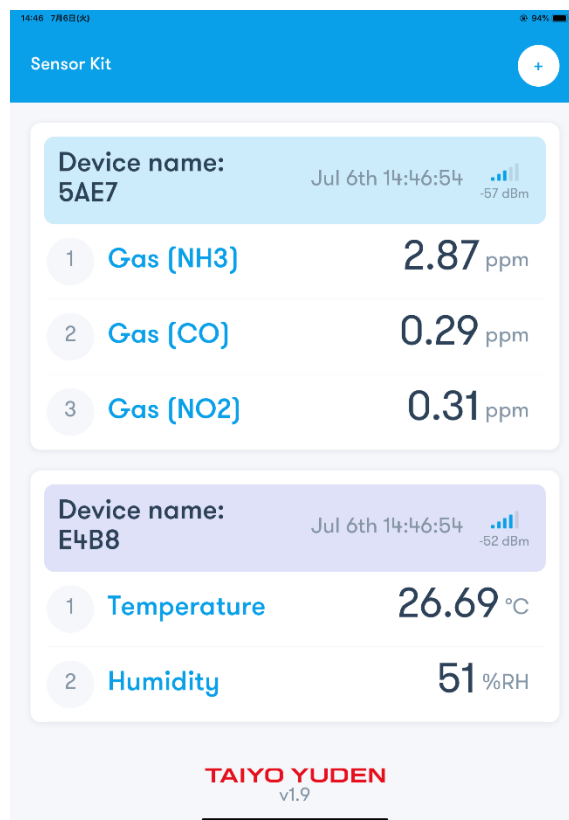


Figure 9

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