DiaperSens Instruction Manual

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Preface

●Please read the usage instructions and warnings in this instruction manual carefully to ensure safe and effective use of DiaperSens.

●If you encounter any problems, please visit our website www.eldersens.com for customer support.

Notice

● This product is meant for the elderly, infants, and adults who are unable to fully take care of themselves.

● This product is recommended for indoor use only.

●The main purpose of this product is for remote monitoring of the user's condition. The sensor is not a substitute for treatment or healthcare.

Safety

- Secure the sensor firmly to prevent accidental swallowing by children
- Do not tamper or modify the sensor in any way.
- Do not use the sensor with MRI or CAT scanners
- No replacement/serviceable parts are provided with the sensor, the user may replace the battery with CR2025 button batteries
- Keep the sensor in room temperature conditions, avoid prolonged exposure to high temperatures. Avoid prolonged

contact with water during cleaning to prevent sensor inaccuracy.

DiaperSens for Infants

- Use adhesive to attach the sensor onto the diaper for infants

DiaperSens for Adults

- Carefully pierce the hook into the diaper, then use the adhesive to secure the sensor.

Product Contents

- One DiaperSens sensor
- 10 DiaperSens adhesives (Please search for **DiaperSens Adhesive Refill** on Amazon to purchase additional adhesives)
- One product manual

Product Description

DiaperSens is a smart diaper product for wet diaper detection. The product includes a reusable electronic sensor device and an application. The sensor is attached to the outside of diaper and is paired with a smartphone. When diaper is wet, the sensor sends a signal to the phone.

Technical Specifications

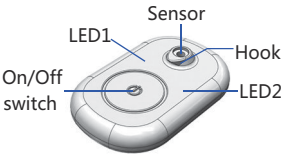
- Transmission Range: Approximately 10 meters, open rooms work better

- Temperature/Humidity Accuracy: 0.4℃/3% RH (Relative Humidity)

- Battery: CR2025 3V 150mA

- Operating Platform Requirements: (phones/tablets): Android: Android 4.3, iOS: iOS 7.0+

Product Diagram



DiaperSens Adhesive

Operation Instructions

1、 **On/Off**

a. Turn On: Hold the on/off switch for 2 seconds until LED 2 turns green

b. Turn Off: Hold the on/off switch for 2 seconds until LED 1 turns red

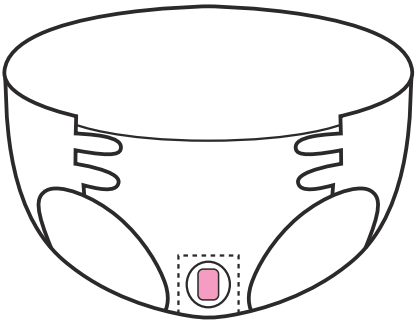
2、 **Attaching Sensor to Diaper**

a. For Infants: Stick the sensor onto the DiaperSens Adhesive, then stick the sensor onto outside of diaper.

b. For Adults: Use the hook to make an incision on outside of diaper, then insert the hook into the incision. Use the DiaperSens Adhesive to secure the sensor on the diaper.

c. Attaching Location: As shown in the

figure, the sensor is attached at lower front side of the diaper.



d. Video Instructions: Please visit our website www.eldersens.com and watch the DiaperSens tutorial video.

3、**Bluetooth Pairing**

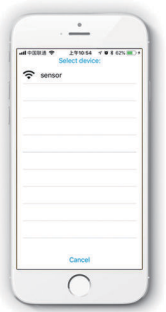
a. Download the DiaperSens application on the Google Play or Apple App Store

b. Enter the DiaperSens application on your device

c. Ensure that Bluetooth is turned on for your device

d. Press the CONNECT button shown as in the picture.

e. After connecting successfully, nearby devices and connection strength will be shown as in the picture.



f. Select a sensor to see information

about the sensor's battery percentage, current temperature, and relative humidity (RH). A cellphone can only pair one sensor at a time.

g. Once the RH is above 80, the app will notify the user to change the diaper with an alarm.

h. Please visit our website www.eldersens.com and watch the DiaperSens tutorial video for how to download and use the app.

4、Cleaning

a. It is recommended to clean the sensor lightly with rubbing alcohol after each use.

b. Replace the DiaperSens adhesive with a new one every time for best results.

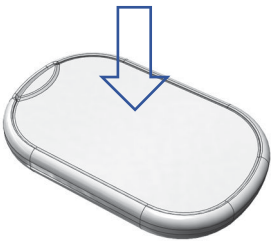
5、 **Battery Replacement**

a. Replace the battery after about 2 years of inactivity or 2 months of use.

b. Use a fingernail or a small flathead screwdriver to pry the back cover off.

c. Remove the old CR2025 battery. Replace it with a new CR2025 battery with positive facing up.

d. Press the back cover back on.



Frequently Asked Questions

Q: Why did the sensor disconnect from my phone?
A: The Bluetooth BLE protocol has limitations on the amount of obstructions in the operating environment. Please make sure the operating environment is unobstructed as possible.

Q: Where can I purchase more DiaperSens adhesives once I run out?
A:Please search for DiaperSens Adhesive

Refill on Amazon to purchase additional adhesives. You can also follow the following link to find DiaperSens adhesives on Amazon: https://www.amazon.com/DiaperSensAdhesiveRefill/dp/B07CS1TTVW/ref=sr_1_1_a_it?ie=UTF8&qid=1525673658&sr=81&keywords=DiaperSens&dpID=41Tncx1zxVL&preST=_SY300_QL70_&dpSrc=srch

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

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

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.

RoHS CE

FCC ID：2APRI-DS001