

Smart diaper



Development background

Infant version

- * Infants and young children's diapers often remind their parents to check because they are not found in time to cause diarrhea, but this requires parents to have relevant experience to judge. Intelligent diapers can remind parents to change diapers at the first time to reduce the discomfort of infants and young children.

Adult version

- * China has gradually entered an aging society. More and more elderly people are unable to take care of themselves due to various reasons. In addition to causing health problems, they will also exert great pressure on the psychology of the elderly and their families.
- * The second and third stages of Alzheimer's disease
- * Long-term bedridden patients
- * Incontinence due to degenerative diseases in the elderly

Development purpose

Infant version

- * Reduce all kinds of discomfort and even diseases caused by diapers
- * Reduce the pressure on parental care

Adult version

- * Improve the quality of life of the elderly and safeguard their dignity
- * Reduce family stress and anxiety, reduce family friction

Features

- * Low price, low cost disposable sensor + monitor + mobile app / bedside reminder
- * Clean and hygienic, the sensor part is used up
- * Easy to use, no professional equipment and professionals
- * No gap monitoring, timely reminder, worry-free care

product structure

Product structure: sensor + monitor (composed of sensor and battery + mobile app or bedside reminder)

sensor: The skin-friendly breathable material, its unique design, and the successful connection with the antenna, can sensitively transmit urine and wet information.

Monitor: Square shape, smooth lines, soft plastic material, light and no foreign body sensation, after connecting with the sensor, the current pee status can be fed back to the mobile phone APP in time.

Mobile App: Accept the signal given by the detector, judge the status and issue an alarm to remind the nursing staff. Currently there are iOS version, Android version, with data recording and statistics function.

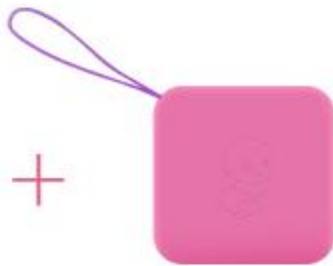
Bedside reminder: Instead of the mobile app, accept the signal given by the detector, directly give an alarm with the light and the speaker, remind the nursing staff, intuitive and easy to use .

product structure

Simple and easy to use, just paste it



sensor



Monitor

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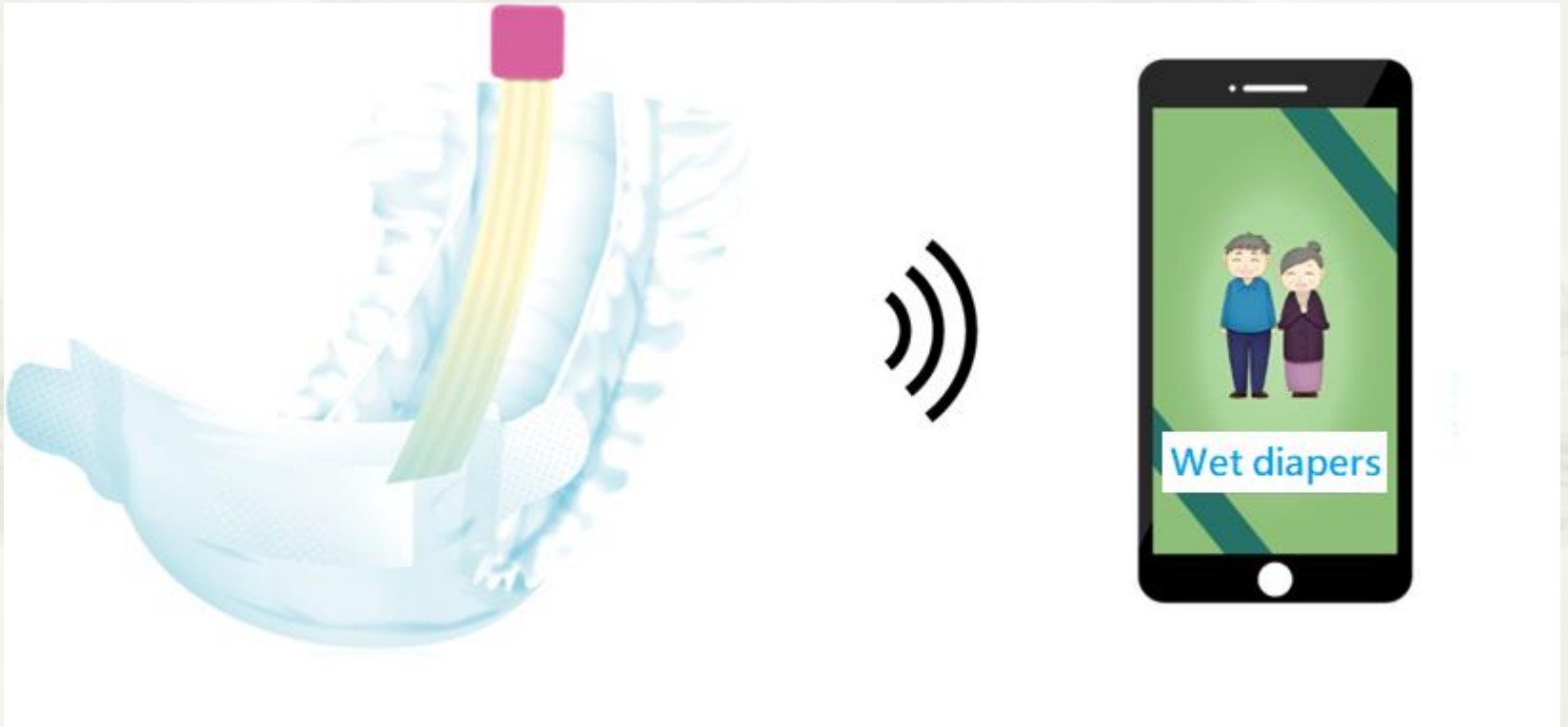
Combine into one



Just paste it

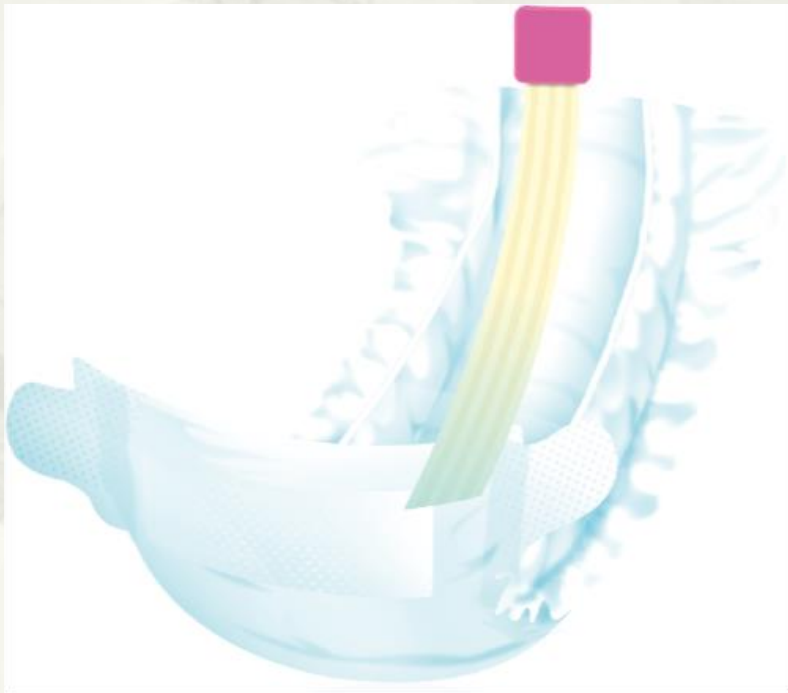
Product structure

- * Monitor + Mobile App



product structure

- * Monitor + bedside reminder



Monitor



thin 8 mm

light 25 g

30mm

30mm

Safe and radiation free

Green health and environmental protection

Pass CR, FCC certification

Bluetooth radiation output power is only 1mW
Is 0.1% power used by the smartphone

CE FC

Sensor

Light & thin

Skin-friendly material, comfortable and breathable, no foreign body sensation
By ROHS & REACH, in vitro cytotoxicity, stimulation and sensitization certification
Lightweight design, closer to diaper, BB zero burden

Hydrophilic nonwoven
Thick only **0.25**mm



Tips: The sensor is divided into NB, S, M, L code, please be sure to choose according to the size of the baby diaper

Mobile App or Bedside Reminder

- * Intelligent reminder, after monitoring the presence of urine and urine, it will be alerted by mobile phone or bedside reminder, notify the timely replacement of care, reduce discomfort
- * Mobile App has data logging and statistics, users can check relevant statistics
- * Bedside reminder can emit light and sound alarms, intuitive and easy to use