

# SENSE-U® BABY MONITOR

# USER MANUAL



Date: 24 April 2019

# 1 READ ME FIRST

## 1.1 Precautions

- The Sense-U Baby monitor is not a medical device so it is not intended to prevent or monitor a disease, or condition such as Obstructive Apnea.
- One Sense-U Baby monitor can only connect to one smart device at any one time.
- For best connection performance, make sure the Sense-U app is running in foreground before you lock the screen and go to sleep.
- Avoid clipping the device onto clothes thicker than 0.08" or 2mm, in case it breaks the ring accessory
- Bluetooth of your smart device needs to turn on to connect. **Note:** For Android phones, please make sure *Location* is enabled for the Sense-U App in *Settings->Connections->Location*, and *Settings->Apps->Sense-U Baby->Permissions*. Or else it may not be able to pair with the device.
- Movement from external sources such as being pushed in a bassinet or travelling in a vehicle may be detected by Sense-U Baby's device. Sense-U Baby should not be relied upon where external sources of movement are present.
- The monitored baby must sleep in his/her own separate bed as the monitor may detect the abdominal movement of any other person sharing the bed with the baby, and will not alarm as long as it detects movement.

## 1.2 Fitting Guide

**Important:** Snug fit sleepwear (swaddle/sleepbag/onesie etc) is essential for the

operation of the Sense-U Baby. The sleepwear should fit snugly on the baby with the Sense-U baby device clipped around the belly button. Loose fitting sleepwear may cause the monitor to lose contact with the baby and false alarm. If baby sleeps on their side or stomach, the Sense-U Baby should be placed off-center of the navel and the mattress. (Snug fit sleepwear is important to avoid false alarms.)



## 2 INTRODUCTION

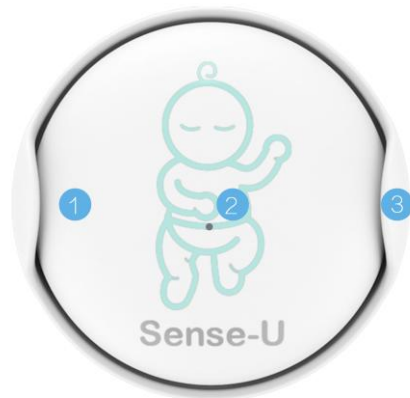
### 2.1 Intended Use

The Sense-U Baby is a wearable baby monitor which safely and conveniently monitors your baby's abdominal breathing, sleep position, temperature and humidity level while sleeping.

## 2.2 Usage Environment

- The Sense-U Baby should be clipped onto your baby's sleepwear. Snug fit clothes are essential for the best accuracy.
- The Sense-U Baby is not suitable for co-sleeping or bed sharing.

## 2.3 Parts Identification



1. Device
2. Temperature & LED Hole
3. Ring Accessory

# 3 OPERATION

## 3.1 Pairing with your Smart Device

Download the free Sense-U App for iOS and Android, register a free Sense-U account, and pair with your Sense-U device following the instructions in the app.

- \* One Sense-U Baby monitor can only connect to one smart device at any one time.
- \* Bluetooth of your smart device needs to turn on to connect. For Android phones, please make sure Location is enabled for the Sense-U App in *Settings->Connections->Location* and *Settings->Apps->Sense-U Baby->Permissions*. Or else it may not be able to pair with the device.
- \* To pair with another smartphone, you need to log out the Sense-U app on the paired smartphone first.
- \* The communication distance is up to 50ft (15m) in open space. Please note fire in between may affect the distance dramatically.



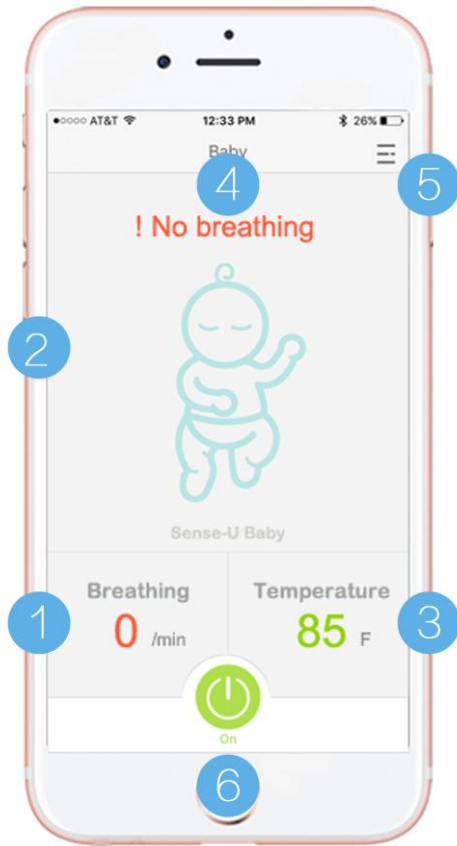
## 3.2 Fitting your Sense-U Device

Clip Sense-U Baby onto your baby's sleepwear (swaddle/sleepbag/onesie/etc), right next to the belly button, with baby silkscreen in the same direction as your baby.

\*Avoid clipping the device on clothing thicker than 0.08"(2mm) in case it breaks the ring accessory.



### 3.3 Sense-U App at a Glance



#### 1. Breathing Reading

- **0/min:** no breathing movement detected
- **--(dash):** stronger movement than breathing detected
- \* Breathing alert needs to switch on in Sense-U App->Setup->Manage Alerts.

#### 2. Sleep Position

#### 3. Temperature

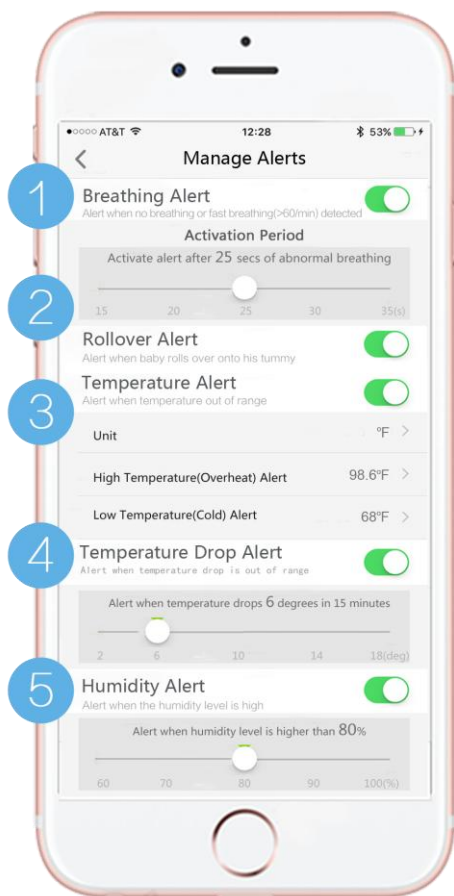
#### 4. Pop-up Alert Message

#### 5. Setup Menu

#### 6. Switch On/Off Button

- **On:** All alerts are switched on
- **Off:** All alerts are switched off

\* For audible alarms, notifications need to switch on for the Sense-U app in Settings->Notifications->Sense-U Baby. For iOS device, make sure your smartphone is not in Do Not Disturb mode.



### 1. Breathing Alert Settings

- **On/Off:** Breathing alert needs to switch on to enable breathing reading and breathing alert.
- **Activation Period:** Increase this period from 15 up to 35 seconds for different breathing pattern.

### 2. Rollover Alert Setting

### 3. Temperature Alert Settings

- **Units:** Fahrenheit/Celsius
- **Recommended Values:** Measured temperature  $\pm 3^{\circ}\text{C}$  or  $6^{\circ}\text{F}$

\* Please note the measured temperature is ambient temperature around baby's body, not body temperature.

### 4. Temperature Drop Alert Settings

- **Recommended Value:**  $3^{\circ}\text{C}$  or  $6^{\circ}\text{F}$

### 5. Humidity Alert Setting

- **Recommended Value:** 80%

## 3.4 Switch On/Off Button

The Sense-U Baby can be switched on and off directly from the App while your baby is not sleeping (such as while breast feeding, changing the baby's diaper, tummy time, etc). It provides you the convenience of preventing false alarms and saving power by switching

the device to ultra-low power mode.

### 3.5 Indicator Lights

<b>Pairing</b>	● Green	Double Shakes detected
	● Blue (flashing)	Waiting for Bluetooth pairing
	● Green (3 times)	Paired Successfully
	● Red (3 times)	Failed to pair
<b>Monitoring</b>	● Red (flashing)	Abdominal event detected
<b>Interaction</b> (tap App home on/off button)	● Green (1 sec)	Battery ok
	● Red(1 sec)	Battery low (<20%)
<b>Updating</b>	● Blue (solid)	Firmware is updating

### 3.6 Clothing

- Snug fit sleepwear (swaddle/sleepbag/onesie etc) is essential for accurate monitoring.
- The Sense-U baby device should be clipped around baby's belly button.
- Loose fitting sleepwear may cause the monitor to lose contact with the baby and false alarm.



- If baby sleeps on their side or on stomach, the Sense-U Baby should be placed off-center of the navel and the mattress.

## 4 BATTERY

### 4.1 Battery Life & Indicator

The Sense-U Baby uses CR2032 coin battery and the battery life can be up to 1 month, depending on usage and other settings.

By tapping the On/Off button in the app, the battery indicator light will flash GREEN when the battery level is ok and flash RED when the battery level is lower than 20%.

When the On/Off button is switched off, the monitor device is in sleep mode and consumes the least power.

### 4.2 Changing Battery

When it is time to change the battery, follow the steps below:

1. Squeeze the edge of the device until you can insert the blue plastic pry bar (in the package) into it and slide along the circle to open the case.
2. Insert the coin battery into the battery compartment ensuring the "+" side of the battery is toward the air.

\* If no light comes out, make sure the battery compartment springs touch the +/- of the battery properly.



## 5 MAINTENANCE

### 5.1 Cleaning and Storage

- The monitor is splash resistant, not waterproof. Do not immerse in water. If it gets wet, dry it off immediately.
- Gently wipe with a damp cloth to remove any dirt. A mild soap may be used for stubborn dirt.
- To prolong battery life:
  - Take off the Sense-U Baby when it is not in use and switch off all alarms from the Sense-U app.
  - Remove the battery if it will not be used for long time.

## 6 TROUBLESHOOTING

### 1. Where to wear your Sense-U monitor?

Clip Sense-U onto your baby's sleepwear(swaddle/sleepbag/onesie/etc), right next to his/her belly button to accurately pick up abdominal breathing movement. Snug fit clothes are essential for accurate monitoring.

### 2. What does double-shaking mean?

Shake the device **twice**. It initiates Bluetooth pairing and you should be able to see light flashing from the device.

### 3. My device does not flash when I double shake it.

Replace a new CR2032 coin battery using the blue plastic pry bar in the package.

\* If no light comes out, make sure the battery compartment springs touch the +/- of the battery properly.

### 4. The device still doesn't pair with my smartphone.

Bluetooth of your smart device needs to turn on to connect.

\* For Android phones, please make sure Location is enabled for the Sense-U App in *Settings->Connections->Location*, and *Settings->Apps->Sense-U Baby->Permissions*. Or else it may not be able to pair with the device.

If still no luck, check if your smart device is in the Compatibility List available on [www.sense-u.com](http://www.sense-u.com).

### **5. There is no breathing reading in the app.**

In default, breathing monitoring is turned off for power saving purpose. Switch it on from *App->Setup->Manage Alerts->Breathing Alert* and the breathing reading will show up in several minutes. Restart your smart device and reopen the Sense-U app if still no luck.

### **6. The device goes off while my baby is breathing fine.**

Make sure the device is clipped on snug fit clothing. Meanwhile, you can adjust Activation Period in *App->Setup->Manage Alerts->Breathing Alert* for different breathing patterns.

### **7. There is no audible alarms when alarm goes off.**

For audible alarms, notifications need to switch on for the Sense-U app in *Settings->Notifications->Sense-U Baby*. For iOS device, make sure your smartphone is not in Do Not Disturb mode.

### **8. The device disconnects from the Sense-U Baby app when the app runs in the background.**

Let the Sense-U app run in foreground before you lock the screen and go to sleep.

### **9. The Sense-U Baby app stops working when it runs in the background.**

Make sure there is no RAM-consuming apps running in foreground (e.g video, games etc) when the device is in use.

## **7 DISCLAIMER**

Customers use this monitor at their own risk and Sense-U Inc., its members, employees,

agents, contractors, representatives, manufacturers, distributors and associates shall not be held liable for any loss, damage or injury suffered by the customer or any other person arising from, or in connection with, the use or manufacture of the monitor, including loss, damage or injury suffered by the customer or any other person as a result of any defects in respect of the monitor, and all warranties, and any other liability from whatsoever cause arising, are hereby excluded and the customer hereby indemnifies Sense-U Inc. in respect of any such liability.

## 8 GUARANTEE

Sense-U promises a 30-day Money Back Guarantee for this product and a 1-year Limited Warranty from the original date of purchase, verified by a sales receipt. Our warranty liability shall be limited to replacing the unit free of charge and does not include transport costs. Our guarantee extends to all countries in which this product is supplied. By the act of operating this product, the user accepts all resulting liability. We reserve the right to modify the provisions of this guarantee at any time without notice. This guarantee does not cover the battery, incorrect application, tampering, misuse or transport damage.

## 9 CONTACT US

You are always welcome to contact us directly from our in-app help page (*App->Setup->Help->Feedback*) or email us at [INFO@SENSE-U.COM](mailto:INFO@SENSE-U.COM). We offer 24x7 prompt and professional customer services.