Sense-U® BABY MONITOR 2
User Manual

1 READ ME FIRST

1. 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.

2. The Base Station needs to work with a 2.4GHz wireless network. Hotspot WiFi and 5GHz are not supported.

3. Clip the Sense-U Baby onto snugly fitting sleepwear (diaper/pants/etc), right next to the belly button. The baby icon should be orientated in the same direction as your baby's body direction, to avoid incorrect position readings and false alarms. 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.)

4. Movement from external sources such as being pushed in a bassinet or traveling in a vehicle may be detected by the Sense-U device. The Sense-U Baby Monitor should not be relied upon when external sources of movement are present.

5. The monitored baby must sleep in their own separate bed as the monitor may detect the movement of any other person sharing the bed with the baby and will not alarm as long as it detects movement.

What's in the Box

Sense-U Monitor Device
Sense-U Base Station
USB Power Cable
User Manual

2 QUICK START GUIDE

2.1 How it works

2.1.1 How the Sense-U Monitor works

The Sense-U Monitor Baby Device tracks your baby's abdominal movements, sleeping position, and temperature during sleep, and sends the real-time health data to the Base Station.

The Base Station notifies when something happens, based on the data sent from the Baby Device. The Base Station is your primary notification device in the event of an alert notification and should be placed in a location where you can hear it if it sounds.
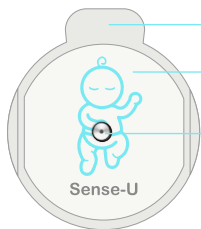
2.1.2 How the App works

2.4GHz WiFi Network:
The Base Station communicates with the Sense-U cloud via 2.4GHz WiFi network. The Sense-U cloud enables the health data to be shown in the app. This enables real-time readings and notifications on the app from anywhere.

2.2 Get to know your Sense-U Monitor

### Sense-U Baby Monitor

1.Clip Accessory

2.Baby Device

3.Temperature Tip

Measuring Body Temp:
temperature tip towards the body

Measuring Feeling Temp:
temperature tip towards the air
(Available for Body Temp Version Device)

The Sense-U Baby Monitor 2 is a wearable baby monitor that safely and conveniently monitors your baby's abdominal breathing movement, sleeping position, temperature during sleep and alerts you when something happens to your baby, from anywhere.

Sense-U Base Station
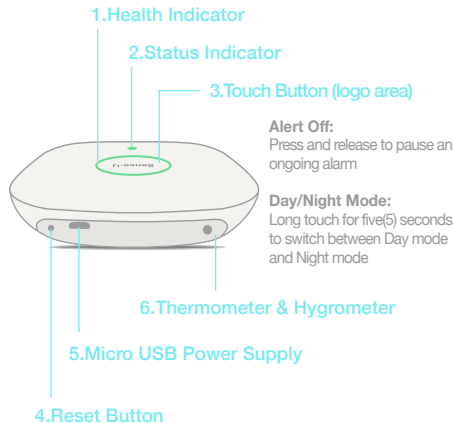
1.Health Indicator

2.Status Indicator

3.Touch Button (logo area)

Alert Off:
Press and release to pause an ongoing alarm

Day/Night Mode:
Long touch for five(5) seconds to switch between Day mode and Night mode

6.Thermometer & Hygrometer

5.Micro USB Power Supply

4.Reset Button
Press and hold for five or more(5+) seconds to reset.

2.3 Set up the Sense-U Monitor
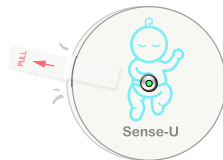
2.3.1 Requirements

A 2.4GHz WiFi wireless network is required. Hotspot WiFi and 5GHz WiFi network are not supported.

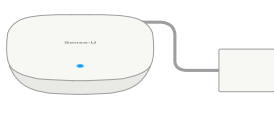| WiFi | 2.4Ghz | ✓ |
| | Hotspot/5GHz | ✗ |

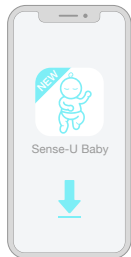Turn on Bluetooth and keep your smart device next to the Sense-U Base Station during pairing.

Pull out the battery separator to power on the Baby Device.

Power on the Base Station and ensure it flashes BLUE.

2.3.2 Download the Sense-U App

2.3.3 Pair the Sense-U Monitor

Sense-U Baby

1. Download the free Sense-U Baby(New) app, available for iOS and Android from the Apple App Store and Google Play.

2. Allow all requested permissions for the Sense-U app, e.g Location, Bluetooth, no optimization of battery usage, etc.

Location   Bluetooth

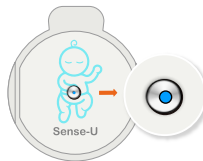3. Create a free Sense-U account.

Follow the in-app instructions separately to pair the Base Station and Baby Device

Base Station: flashing BLUE (waiting for pairing)

Baby Device: double shake until the Device flash BLUE 3+ times (waiting for pairing)

2.4 Fitting

2.4.1 Snugly Fitting Clothes

1. Snugly fitting sleepwear(diaper/pants/etc) is essential for accurate monitoring.

2. Loose fitting sleepwear may cause the monitor to lose contact with the baby and introduce false alarms.

3.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.)

2.4.2 Switching Temperature Modes

Measuring Feeling Temperature
Temperature tip towards the air
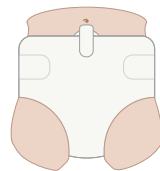
Measuring Body Temperature
(Available for Body Temp Version Device)
Temperature tip towards the body

1. Attach the Sense-U Baby Monitor to your child's waist, next to belly button, and face the temperature tip towards the body/the air for measuring body/feeling temperature respectively.

2. Keep the baby icon in the same direction as your child's body direction to avoid false readings or alarms.

3. Set the temperature mode from the Sense-U Baby app: Setup->Manage Devices->Child's Baby Monitor-> Temperature Alerts->Body/Feeling Temperature.

2.5 How to Handle the Device

2.5.1 Wearing Instructions

To put on the monitor, snap the Sense-U Baby Device into the ring of the clip, then push the clip accessory onto the diaper to the full extent of the clip.
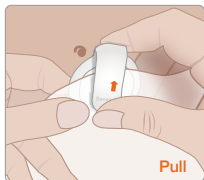

Installing — Press

Wearing — Push

To remove the Sense-U Baby Monitor from sleepwear, hold the waist of the sleepwear and pull out the clip gently.

* Always avoid bending the tip of the clip. It may break the ring.

To remove the Baby Device from the clip, hold the ring with two (2) hands and only push from the back of the Baby Device.

Taking Off — Pull

Removing — Push
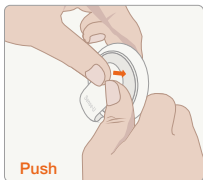
2.5.2 Changing Battery

The Sense-U Baby device uses a CR2032 coin battery. The battery life is up to one (1) month, depending on usage and other settings.

Tips: Switching off the On / Off button in the app to put the Baby Device into power-saving mode.

Removing Battery

Installing Battery

3 OPERATION

3.1 Indicator Lights

Sense-U Baby Device			
	Pairing	🟢 **Green**	Double Shakes detected
		🔵 **Blue (flashing)**	Waiting for Bluetooth pairing
		🟢 **Green (3 times)**	Paired Successfully
		🔴 **Red (3 times)**	Pairing Timeout
	Interaction (tap On/Off button in the app)	🟢 **Green (1 sec)**	Battery level high
		🔴 **Red(1 sec)**	Battery level low (<20%)
	Updating	🔵 **Blue (solid)**	Updating firmware

Sense-U Base Station			
	Pairing & Connection	🔵 **Blue (flashing)**	Base Station waiting for pairing
		🟢 **Green (flashing)**	Baby Device waiting for pairing
		🔴 **Red (solid)**	Base Station WiFi disconnected
		🟡 **Yellow (solid)**	Baby Device Bluetooth disconnected
	Button Interaction	Short Tap	Pausing an ongoing alarm
		Long Tap (5 secs)	Switching between Day mode & Night mode (**Rev 2.0.2 and below**: Resetting Base Station)
	Firmware Update	🔵 **Blue (solid)**	Base Station firmware updating
		🟢 **Green (solid)**	Baby Device firmware updating

Health Indicators		
Flashing Green Normal readings	**Flashing Red** Weak breathing detected	**Flashing Blue** Stomach sleeping detected
Flashing Purple High temperature detected	**Flashing Yellow** Temperature drop detected	**Flashing Cyan** Low temperature detected

3.2 Sense-U App at a Glance

Home Screen

1. Breathing Reading
  < 5/min: weak breathing detected
  --(dash): no movement or wiggle movements detected

* To show breathing readings, the Breathing Alert needs to switch on from Sense-U App->Setup->Child's Baby Monitor->Manage Alerts.

2. Sleeping Position: On Back, On Stomach
3. Temperature
  Body Temp: Temperature tip towards the body(Only available for Body Temp Version Device)
  Feeling Temp: Temperature tip towards the air

* It takes 10+ minutes before the displayed temperature reading reaches stable value.
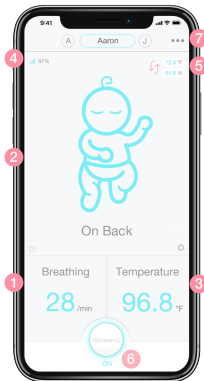
4. WiFi Signal Level
5. Room Temperature / Humidity Level
6. Alerts On/Off Button
  On: All baby alerts switched on
  Off: All baby alerts switched off, entering power-saving mode.
7. Setup Menu

Setup

1. My Profile
Update my profile, log out

2. Child Profiles
Add child, Update child's profile, delete child's profile

3. Activity
Activity list

4. Add Devices

5. Manage Devices
Change alerts settings, check device information, update firmware, delete device

6. Shared Devices
Share with family members who already registered a Sense-U account

7. Help
User manuals, feedback

8. Language
English, Spanish, Germany, Japanese, etc
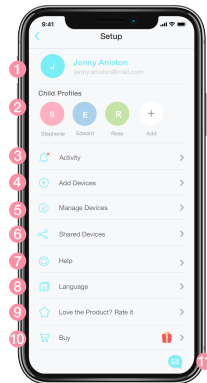
9. Love the Product? Rate it
Like our product? Support us with a positive review.

10. Buy
Find exclusive deals available from the Sense-U website.

11. Feedback
Have questions about your Sense-U products? Contact us here and include your device / app info, which will greatly expedite the diagnosis process.

Manage Alerts

1. Breathing Alert
On / Off: Breathing alert needs to switch on to enable breathing reading and alert.
Activation Period: Increase the activation period for shallower breathing patterns.

2. Rollover Alert

3. Temperature Alert
Units: Fahrenheit/Celsius
Recommended Value: Measured temperature +/- 3℃ or 6℉

4. Temperature Type
Feeling Temperature, Body Temperature

5. Temperature Drop Alert
Recommended Value: 3℃ or 6℉

6. Device Information

* To receive audible alarms, notifications need to be switched on for the Sense-U app from Settings->Notifications->Sense-U Baby.

* For Android devices, make sure **Media Volume** is switched on in Settings->Sounds and vibration ->Volume. Make sure your smartphone is not in Do Not Disturb mode.

4 MAINTENANCE

1. The monitor is splash-resistant, **NOT WATERPROOF**. Do not immerse in water. If it gets wet, dry it off immediately.
2. Gently wipe with a damp cloth to remove any dirt.
3. To prolong battery life, take off the Sense-U Baby monitor when it is not in use and turn off all alarms from the Sense-U app; remove the battery if it is not in use for a long time.

5 TROUBLESHOOTING

1. Where should the Sense-U Monitor be worn?
Clip Sense-U onto your baby's sleepwear(diaper/pants/etc), right next to their belly button to accurately pick up abdominal breathing movement. Snug fit sleepwear is essential for accurate monitoring.

2. What does double-shaking mean?
Shaking the Device twice to initiate Bluetooth pairing by flashing BLUE three or more (3+) times.

3. My device does not flash when I double shake it.
Replace with a new CR2032 coin battery. The device restarts with a GREEN light flashing once.

4. The Base Station is unable to connect to my WiFi network.
Make sure the WiFi password you entered is correct and the network connection is good. Move the Base Station and mobile device closer to the router and try again.
* Only 2.4GHz WiFi networks are supported (Hotspot WiFi and 5GHz WiFi are not supported).

5. The baby monitor cannot pair to the Base Station.
STEP 1. Make sure the Base Station is flashing GREEN before double shaking the Baby Device to pair. If not, add the Baby Device again from the Sense-U App->Manage Devices->Add Device.
STEP 2. If the Baby Device does not flash when double shaking it, remove the battery and plug in again. If still no light turns on, replace with a new battery until it flashes GREEN once to restart.
STEP 3. If the Baby Device only flashes GREEN when double shaking it, it means it is already connected to the Base Station or another smart device. Delete the Base Station or log out that smart device first before pairing again.
STEP 4. If the Baby device flashes BLUE but is still unable to pair, move the Baby Device closer to the Base Station, and move other Sense-U devices or Bluetooth devices away, then try again.

6. The Baby Monitor shows as Disconnected in the app.
STEP 1. If the Base Station's indicator shows solid YELLOW dot, it means the Baby Device is disconnected from the Base Station.

Check the battery level of the Baby Device by double shaking the Device to see if the indicator lights up, or from the Sense-U App->Setup->Manage Devices->Child's Baby Monitor->Three Dot. Replace with a new CR2032 battery if necessary.Move the Baby device closer to the Base Station and it should be able to reconnect automatically.

STEP 2. If the Base Station's indicator shows a flashing GREEN circle, it means the Baby Device is already connected to the Base Station. Refresh the app by tapping the On / Off button in the app, or by switching the app between foreground and background modes.

STEP 3. If the Base Station's indicator shows a flashing RED dot, it means the Base Station is unable to connect to the Sense-U Cloud server. Move the Base Station closer to your WiFi router.

STEP 4. If the Base Station does not light up and it is not in **Night mode**(check the Sense-U app->Setup->Manage Devices->My Base Station), unplug its power cable to restart.

7. There is no breath reading but dashes in the app.

Turn on the Breathing Alert from the Sense-U App->Setup->Manage Devices->Child's Baby Monitor->Manage Alerts->Breathing Alert and the breath reading will show up shortly when it detects breathing movements.

8. The device goes off while my baby is breathing fine.

Make sure the device is clipped on **snugly fitting** sleepwear following the instructions. Meanwhile, you can increase the **Activation Period** from the Sense-U App->Setup->Child's Baby Monitor->Manage Alerts->Breathing Alert->Activation Period for shallow breathing patterns.

9. There is no audible alarm from my smartphone when alarms go off.

To receive audible alarms on your smartphone, your phone should not be in Do Not Disturb mode, and notifications need to be enabled for the Sense-U app in Settings->Notifications->Sense-U Baby. For Android devices, turn on and increase **Media Volume** in Settings->Sounds & Vibration->Volume.

Product name: Sense-U Baby monitor (with Base Station)
Model: SU220
Battery: CR2032(220mAh)
Rating: DC3V, 0.02W
Range: <50 feet(15m)
LOT 20210203A1

LEDO Network Inc.
19925 STEVENS CREEK BLVD STE
100 Cupertino CA 95014-2384 US

EC REP EMMS Trading GmbH
Prof.-Messerschmitt-Str.3 85579 Neubiberg,
Deutschland   +49(0)211-97538868

CE FC FCC ID: 2AB89SU301 ℝ 217-200039

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.

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.

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 defect, incorrect application, tampering, misuse or transport damage.

*Avoid sandwiching clothing or other material between the clip/ring accessory and the sensor device. It may break the accessory and introduce false alarms at your own risk.

CONTACT US
For product questions, we recommend contacting us directly via in-app Feedback and include your device / app info (from the Sense-U App->Setup->Help->Feedback), which will greatly expedite the diagnosis process. For general questions, please email us at INFO@SENSE-U.COM.

Sense-U®