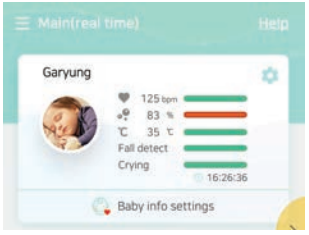
5.1 Features of App Menu Display

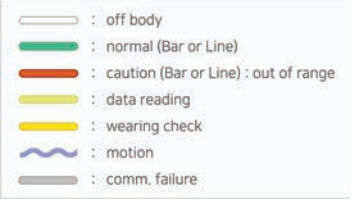


• Main (real time) screen

• Main (cumulative) screen

· Colored background indicates activation, while white (transparent) background indicates deactivation.
· For more specific explanation on screen moving, see Help.

· The colors and shapes displayed on the main screen (real time and cumulative) have the following meanings:



5.2 Alarm Functions Guide for Monitoring Information

Categories			Operating Criteria	Sound Type Frequency Pitch	Notes
App	Caution	Heart Rate	User Options	Dingdong-Dingdong (double sound), 2x Dingdong Once Slightly High Pitch	
		SpO2			
		Skin Temperature			
		Fall detection			
		Crying			
Gateway		Band Battery	Less than 20% of the battery	Single Sound(Dingdong) Once Low Pitch	Gateway alarm

5.3 Settings of five measurement information

① age-in-days and automatic settings

- The baby's current age is the number of days calculated from the date of birth to the present. Depending on the baby's current age, services are provided in two types (Mode1, Mode2).

Info range	birth~365days	366days~1,095days
Heart rate	measuring	
SpO2	measuring	not measuring
Skin temp	measuring	
Fall detection	measuring	not measuring
Cry detection	measuring	

② Settings of user range for heart rate, SpO2, skin temperature

- Depending on the mode, you can set the notification ranges for heart rate, SpO2 and skin temperature in the AIMON app.
AIMON app(APP) : 《baby info settings》 / 〈range settings〉

- birth~365days *The default value is in parenthesis( ).

Measured info	Lower range setting	Higher range setting
Heart rate	65~75 bpm(70 bpm)	190~210bpm(195 bpm)
SpO2	80~85%(81%)	-
Skin temp	28~34.5 ℃(32 ℃)	35.5~40 ℃(36 ℃)

- 366days~1,095days *The default value is in parenthesis( ).

Measured info	Lower range setting	Higher range setting
Heart rate	65~75 bpm(70 bpm)	185~205 bpm(195 bpm)
SpO2	-	-
Skin temp	28~34.5 ℃(31 ℃)	35.5~40 ℃(36 ℃)

6.1 Band & Gateway

Product/ Model	SMART MONITORING BAND / AIMON SMART B	SMART MONITORING BAND / AIMON SMART G
Overall dimension	approx.25mm x 34mm x 11.2mm	approx. diameter 73Φ, height 18mm
Weight	approx. 10g	approx. 57g
Bluetooth	Bluetooth 4.2	Bluetooth 4.2
Wifi	-	802.11 b/g/n 2.4GHz
Time for charging/use	aprrox. 2hrs / aprrox. 12hrs	-
Material	PC	PC
Waterproof rate	IPX4	-
Temperature	Operating 5~40°C / storage -20~60°C	Operating 5~40°C / storage -20~60°C
Humidity	Operating 10%~90% / storage 10%~90%	Operating 10%~90% / storage 10%~90%
Input Power	5V, 1A	5V, 1A
FCC ID	2AXXS-AIMONSMARTB	2AXXS-AIMONSMARTG
CPSC Test Report	NB202010009	
IC	26626-AIMONSMARTB	26626-AIMONSMARTG
Contains FCC ID		O7P-362
Contains IC		10147A-362
Manufacture	AIMON Co., Ltd.	AIMON Co., Ltd.
COO	Republic of Korea	Republic of Korea
DOM	indicated separately	indicated separately

6.2 Accessory band

Items	Accessory band S	Accessory band L
product / model	Accessory band T1 / Accessory band T2	Accessory band T1 / Accessory band T2
length	T1: approx.170mm, T2: approx.210mm	T1: approx.185mm, T2: approx. 250mm
weight	T1 : approx. 6g T2 : approx. 2.5g	T1 :approx. 7g T2 approx. :2.5g
material	tencel, cotton, nylon(velcro)	tencel, cotton, nylon (Velcro)
manufacturer	AIMON Co., Ltd.	
COO	Republic of Korea	
DOM	indicated separately	

6.3 Charging Cradle

product/model	AIMON SMART B Charger
apparent size	approx. 33mm x 33mm x 8.5mm
weight	approx. 6g
material	PC
manufacturer	AIMON Co., Ltd.
COO	Republic of Korea
DOM	indicated separately

- You can read the user manual before making a service inquiry and can troubleshoot any of the following symptoms.
- If the problem is not resolved, please contact (info@aimon.co.kr)

① If gateway reset is required

· Automatic connection is made when the connection between the gateway and registered WiFi (AP) is disconnected. If you want to connect manually because the gateway and registered WiFi (AP) are not automatically connected after tens of minutes have passed, reset the gateway.

· If the registered WiFi is not found after connecting to the gateway by Bluetooth pairing in the App or a new WiFi AP you want to connect to is not found (WiFi AP-2.4GHz must be nearby), reset the gateway. After resetting the gateway, try pairing and verify it by pressing the gateway alarm button for 7 seconds to restore the Bluetooth connection between the phone (App) and the gateway during use.
After pairing is complete, the registered WiFi on your phone will be searched for or a new WiFi AP you are trying to connect to is searched for.

② If band reset is required

· Automatic connection should be made after the connection between the band and the gateway is disconnected, but if automatic connection is not possible even they are close each other, reset the band (you can check the connection through the gateway LED)

· Reset the band when it is not connected to the gateway for a long time even after the band is powered on. You can check the connection by LED blinking indicating the band connection among the gateway LEDs.

③ After gateway reset (①) or band reset (②), check the communication status of the gateway and the band through the gateway LED and check the communication status through the paired phone (App).

· Among the LEDs of the gateway, you can check the interconnection and connection status by the LED blinking associated with the band or phone.

· Check if the communication connection between the gateway and the band is normal through the <Communication Check> function of the phone (App) which is paired with the gateway. If the pairing between the gateway and the phone (App) is normal, you can check the communication status with the gateway on the paired phone (App) regardless of the cloud connection (<device settings>/<paired app only>/<communication check>).

· Check your phone manufacturer's OS patch. (Refer to 4. Information necessary for use of the application on user manual)

· Reinstall the apps in the following order.

- Delete the AIMON app → Install the latest patch provided by the mobile phone operating system and manufacturer → Use after reinstalling the AIMON app

① AIMON band

⚠ The AIMON band is not a medical device. It is not intended for use as a medical device or to replace a medical device.
It does not and is not intended to diagnose, cure, treat, alleviate or prevent any disease or health condition or investigate, replace or modify anatomy or any physiological process.

· Wear it with the method recommended in the manual, and if it is detected as being worn, heart rate, oxygen saturation(SpO2), skin temperature, fall detection and cry detection are measured.
· The measurement signal can be affected by the baby's development status, skin brightness, and circulating blood volume in the skin, and there are differences between babies.
· All pulse and oximetry sensors are motion sensitive and cannot calculate accurate readings when moving. This is due to the technical characteristics of pulse and oximetry.
· During wearing the strap, if strap wearing is not like as recommended in the manual, loose, or if there is a lot of separation between the recommended ankle area of the band and the skin, the measured value of oxygen saturation may not be accurate.
· Skin temperature is a technology that measures the temperature of the skin, so you can check the warmth of your baby.
· Regarding fall detection, a very large activity of the baby can be detected as a fall, and it may not be detected if the band is at off-body or too loose, or the band is turned off.
· There is a possibility that the high-frequency noise generated in the living environment is recognized as crying. (It is recommended to use in a quiet place close to the baby.)
· In the AIMON band, the measured values are passed through the gateway and delivered through the cloud server. Data reception may be delayed depending on the communication environment.

② Accessary band
· The accessary band of the AIMON band is made of natural materials and medical TPE to prevent irritation on the baby's skin (it may vary depending on the baby's skin sensitivity).
· The accessary band of the AIMON Band is a consumable that wears out naturally over time and can be purchased separately.
· Pulling or pushing the accessary band hard can damage it.
The warranty period for the consumable accessary band is 3 months.
· For babies 12 months and older, it is recommended to wear it inside the ankle while sleeping.

FCC and IC Compliance Statement

FCC

This device complies with part 15 of the FCC rules.(Part 15.19(3)) 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."
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. 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 which the receiver is connected to.
· Consult the dealer or an experienced radio/TV technician for help

IC

This device complies with RSS-247 of the Industry Canada 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.
Ce dispositif est conforme à la norme CNR-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution

Please use ONLY the supplied power adapter. Failure to do so may void our limited warranty. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. The gateway complies with RF exposure requirements set forth for an uncontrolled environment. The gateway should be installed and operated with minimum distance 20 cm between the radiator & your body.

Déclaration d'exposition aux radiations
La passerelle est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non con trôlé. La passerelle doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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Product Warranty Statement

Product
Purchase route / Date
Order Number
Purchaser
Warranty Period

We guarantee as follows;

◆ Free service is available if the product fails within one year of purchase or within the warranty period (within 3 months for expendables).
The warranty period will be halved if ordinary products are used for sales purposes.

◆ You may be charged for some fixed cost even within the warranty period or may not be able to use the warranty service IF:
① Product fails due to impact, negligence, carelessness, or water-damaged by user
② Arbitrarily disassembled or modified
③ Product fails due to natural disasters such as fire, earthquake, or flood etc.
Everything else will be compensated in accordance with the Consumer Damage Compensation Regulations.

MEMO

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