guidercare
AI care Smart care

Guidercare 300B

Miniaturized intelligent bracelet with multiple physiological parameters

1. Product Introduction

Guider Care 300B is a small, high-frequency, and real-time multi physio-logical data collection terminal that integrates PPG pulse rate, blood oxygen monitoring, pressure monitoring, RRI interval value, HRV, sleep data, body temperature, room temperature, body movement data, and step count. Individual users can effectively manage their core health data status with a dedicated app, and the data is automatically uploaded to the dedicated health cloud to assist in establishing a healthy lifestyle. Institutional users (medical, mother and child, elderly care, pets, and work safety) can automatically upload data from multiple 300B devices to the health management platform through the Gateway, achieving real-time centralized monitoring of multiple physiological data, assisting institutions in reducing risk values, reducing medical burden, improving safety rates, and increasing satisfaction.
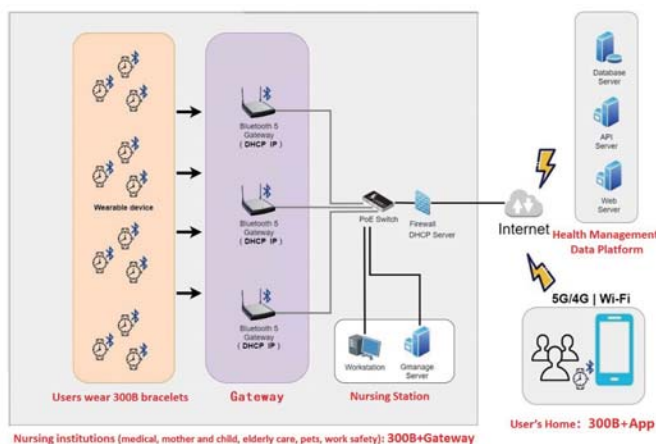
2. Component Function Description

2 pin charging contact
Charging state: automatic startup

LED indicator position

Device code

High strength plastic shell

SOS Key

Acrylic lenses
PD.Photodiode
LED.Light Emitting Diode

Body temperature nickel plated copper sheet

High strength plastic shell

Room temperature nickel plated copper sheet

PD LED PD
PD
PD

LED light status definition (red light, green light, blue light)

Continuous flashing red light	SOS is enabled (after long pressing for 3s to start, the red light will continue to flash; Press and hold for 3 seconds to turn off the SOS, and the red light will turn off
Long red light	charging
Red light flashes once every 10s	low battery (battery level ≤ 30%)
Long green light	fully charged
Green light flashes once every 5minutes	battery level>70%
Blue light flashing continuously	Bluetooth in pairing state
Blue light flashes once every 5minutes	Bluetooth connection is successful and in matching state
Blue light off	Bluetooth not paired
All lights off	shutdown status

Device operation:

Shut down status	Press 3 consecutive times to power on
Power on status	Press 3 consecutive times to turn off
SOS start	Press and hold for 3 seconds to start SOS
SOS cancellation	Press and hold for 3 seconds to cancel SOS
Forced restart	Press and hold for 15 seconds during charging
Short press	LED green light is on briefly

3. Usage scenarios

Users wear 300B bracelets   Gateway   Nursing Station

Nursing institutions (medical, mother and child, elderly care, pets, work safety): 300B+Gateway
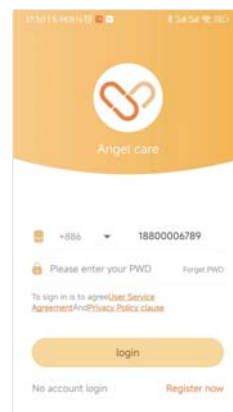
User's Home: 300B+App

4. Download and install the App

In the Android/iOS system store, search or scan the following barcodes to install the 'Angel Care' app.

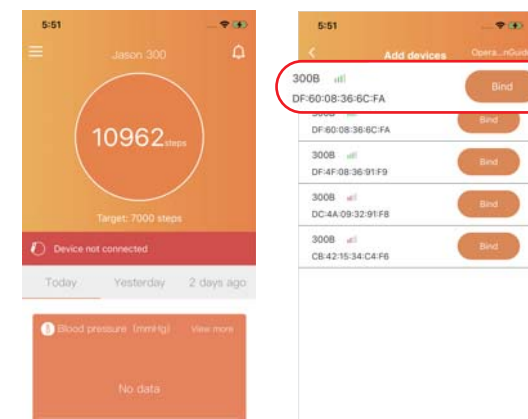GET IT ON Android

Download on the App Store

5. Mobile app registration and login

You can register using your E-mail or phone number, and then enter your personal information to complete the login process.
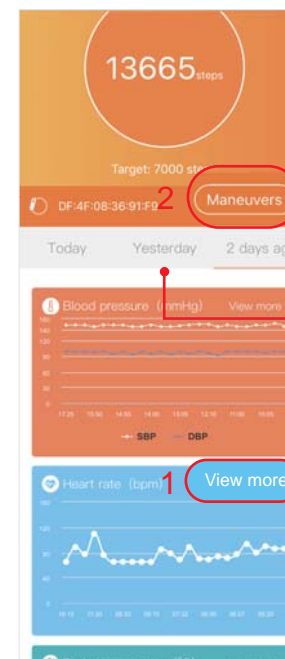

6. APP and bracelet connection

Please turn on the Bluetooth function of your phone and place the bracelet as close as possible to your phone. After logging into the app, click "Connect Device" on the homepage. The system will automatically search for the bracelet and display a device list, extracting 300B to connect Bluetooth.
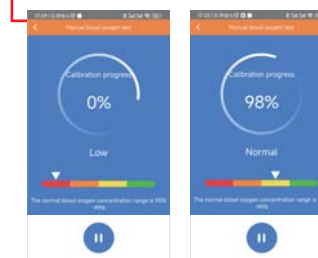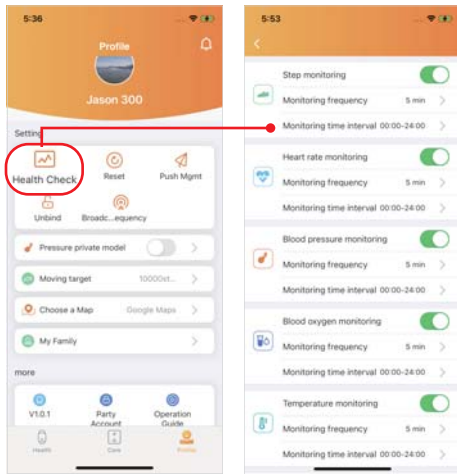

7. Data viewing and setting

1 After the device is connected to the mobile app via Bluetooth, it will automatically synchronize the stored historical data and display it on the app homepage; You can click on "View More" to view more detailed data and historical statistics.

2 You can click "More Operations" on the homepage to perform real-time data of heart rate, blood oxygen, pressure, body temperature, and RRI. After the measurement is completed, the results will be displayed.

3 You can set relevant monitoring parameters on the 'My' page.

8. Precautions for use

1 Charging precautions: Connect the magnetic suction charging cable to a USB compatible device (5V/1A), ensuring that the charging head of the charging cable sucks onto the charging point on the back of the device. During charging, the device indicator light will remain red. The device takes about 2 hours for fully charge.

2 If there are foreign objects in the charging contact, please clean it thoroughly.

3 Waterproof ability and usage scenarios: With daily waterproof ability. Do not flush the hand ring directly with the faucet; Don't wear device for showering, swimming, or diving.

9. Common FAQs

1 What should I do if I still cannot measure the value after wearing the device?

If the value cannot be measured after multiple tests, it is necessary to adjust the wearing posture to ensure that the device is tightly fitted at the width of the two fingers of the wrist joint, and to ensure that there is no light leakage during wearing.

2 Why are there periods of missing heart rate, blood oxygen, and blood pressure data when device is worn all day?

Due to the limitations of the device sensor structure, it is not possible to measure heart rate, blood oxygen, and blood pressure when measuring RRI data.

3 When does the sleep function start monitoring at night?

The default monitoring time for sleep is from 21:00 pm to 09:00 am; You can customize the start and end time of sleep, with a fixed total sleep duration of 12 hours.

10. Product Specification

Packaging List
Bracelet host * 1; Charging cable * 1; Instructions * 1.

Specification parameters

Size/Weight	36 x 33 x 11 mm / 15g(Ultra small size, no sensation to wear)
Color	Front skin color, back black
Communication network	BLE 5.0
LED status light	Three color LED lights (green, red, blue)
Battery capacity	Polymer battery, 120mAh
Working hours	Charging: 1.5 hours; Normal use: 1-2 days (depending on measurement frequency)
SOS	SOS button (supports one click alarm and reports to the management platform and mobile app)
Physiological health data	Heart rate, blood oxygen, pressure, body temperature, room temperature, sleep, step counting, SOS signal, RRI interval value, activity intensity value (obtained by combining activity status, respiratory rate, cough status with algorithms).
Waterproof grade	IP67 Waterproof grade

11. Warranty and after-sales service terms

Non warranty coverage

• Surface damage, such as scratches and dents.

• Batteries and other consumables, except for products damaged due to defects in materials or manufacturing processes.

• Due to accidents, abuse, misuse, water, flooding, fires Damage caused by external factors such as natural disasters or improper placement.

• Repairs, modifications, or changes not carried out by Gaide Technology maintenance personnel may cause permanent damage to the product.

• Product damage caused by charging with other wires.

Warranty period

• The product host enjoys a one-year warranty service from the date of purchase. If consumers have a demand for warranty services, they need to provide a purchase invoice or proof for verification by Guider Technology.

• If there is a specific product that has a longer warranty period, the warranty period of that special agreement shall apply.

RFID GUIDER TECHNOLOGY CO.,LTD

Tel:02-2728-1155

service@guidertech.com

4F, No.197, Jingmao 2nd Road, Nangang District, Taipei City, Taiwan.

※ This product is not a medical device, and all measurement data is only for daily health management and should not be used for medical diagnosis.

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