


5折页说明书 14.7X40cm 128g铜版纸

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Smart Health Case

User Manual

Welcome

This User Manual describes in detail the use, functions, and usage of this product (Smart Health Case Mode:ICX-SD-001). Before using this product, please read and understand the contents of this manual to ensure that the product can be used correctly. All illustrations provided in this manual are for reference only and the illustrations may not exactly match your product. This User Manual contains proprietary material protected by copyright law. All rights reserved. No part of this User Manual may be photocopied, copied or translated into another language without the written consent of the manufacturer. The contents contained in this User Manual can be changed without notice.

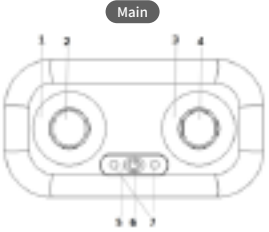
Summary

This product uses advanced low-power Bluetooth technology and all-in-one biosensor to achieve simple operation, measurement and evaluation of ECG waveform, PPG waveform, heart rate, blood oxygen, blood pressure trend, HRV and other physiological parameters anytime and anywhere.

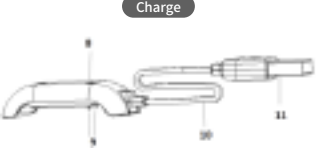
Product Features

1. BLE4.2 technology support for IOS and Android operating systems
2. single measurement time of 1 minute, the number of measurements can be more than 120 times
- 3.All-in-one sensor, reduce measurement equipment, reduce measurement complexity and user cost
- 4.Small size, carry with the phone, easy to measure at any time
- 5.Measurable parameters include ECG waveform, PPG waveform, heart rate, blood oxygen, blood pressure trend, HRV, etc
- 6.Personalized health analysis report
7. Cloud platform stores personal security data

Structural illustration



1. right finger electrode
2. right finger auxiliary electrode
3. left finger electrode
4. PPG sensor window
5. LED indicator
6. power button



7. the host charging contact point
8. charger indicator
9. charger charging contact point
10. charging cable
11. USB charging plug

Operating instructions


Use the host as shown below

Manual Power off

Press and hold the power button for more than 3S, the red-light flashes, release the button, and the device is turned off.

Charging

The charger is connected to the host, and the USB port is plugged into an adapter with an output voltage of 5V. If the voltage is not matched, the device will be damaged.



Power on

After long press of the button switch for about 0.5S, the green light flashes to indicate that it has been turned on, and the green light is flashed every 10 seconds when the power on status.


Automatic Power off

The red lights flashes 5 times when the power is turned off.The specific logic is as follows
1.After the device is not connected to the APP,it will be turned off after 1 minute.
2.The APP is connected to the device after power-on. It is turned off after 4 minutes without operation (3 minutes for keeping the connection state, 1 minute for the scanable state).

APP operation instructions

Step 1


Scan QR code to download and install APP:
Mobile phone system requirements:
Android 5.1 and above iOS 11.0 and above



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Step 2

Register or log in to account settings for personal information settings and blood pressure calibration




Step 3

Click the Bluetooth icon in the upper right corner of the APP main interface to scan the connected device:



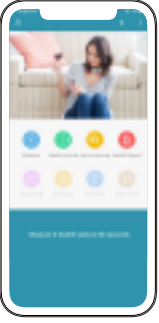
Step 4

Click the measurement icon to start the measurement (the measurement site is recommended for the fingertips of both hands):




Step 5

Measurement completed



Note: You need to keep your body still and calm during measurement. The hands need to have support. Do not leave the host electrode after the measurement starts. Otherwise, the measurement will fail. It is recommended to clean your hands before measuring to make the fingertips clean and moist. The required measurement posture is shown below:



Electrical parameter

Charging input	5V/50MA
Battery specification	3.7V/45mAh
Continuous test time	120 Times
Shutdown standby time	>180 day
Operating temperature	0°C-50°C
Storage temperature	-20°C-70°C
Charging time	about 1 hour
Waterproof	IPX65

indicator status

Power on	Green light flashes 5 times
Bluetooth connection	Green light flashes 3 times
Normal operation	Green light 10S flashes once
Bluetooth disconnect	Red light flashes 3 times
Low power	Red light 10S flashes once
Power off	Red light flashes 5 times

Troubleshooting Method

APP can't find device	from the following three aspects: 1. Whether the bluetooth of the mobile phone is turned on (Mobile phone system settings) 2. Whether the device is turned on (the green light flashes every 10S after starting up) 3. Restart the app or device
Can not be turned on	Determine whether there is no power or low power state, try to power on after charging
Test Waveform delay or APP tips for low Bluetooth speed	1. Determine whether to use in an environment with more WiFi Bluetooth devices. Please use it in a relatively clean environment. 2. Reconnect after disconnecting the device or restart the app after trying to close the app
APP Tips Bluetooth disconnect	1. Please confirm that the device has been automatically power off 2. Re-search for devices and connect
APP Tips measurement failed	1. Keep your arms and body still when measuring, ensuring correct measurement posture 2. Wash your hands before measuring so that your fingers are clean and moist 3. Click Cancel to restart measurement
APP Tips unable to connect to the server	Please ensure that mobile data is unlocked

Maintenance and cleaning

The surface of the main unit can be wiped clean with a soft towel. Do not use chemical cleaners.
Do not use for a long time, it is recommended to charge once every 3 months.
Store the main unit and charger in a cool dry place.

Safety warnings and recommendations


1. Please read the safety instructions carefully and keep them for future use.
2. Please keep this product away from fire, high temperature and high-pressure environment.
3. Do not disassemble the host without permission. It is not allowed to modify the product in any way.
4. Do not use chemical reagents to clean. Chemical reagents may corrode the body surface.
5. Do not subject the surface of the body to gravity shock to avoid damage to the machine.
6. charging requires the use of standard 5V adapter, otherwise vulnerable to damage.
7. Do not use this device while charging.
8. When disposing of this product, please do not disassemble or discard it. Please follow the relevant regulations in your area.

After-sales and warranty terms

Warranty policy: Warranty or return according to the corresponding national terms
Customer Service Phone: 0755-33605888

Manufacturer information

Manufacturer:Shenzhen iCarbonX Living Healthcare Management Co., Ltd.
address:311,3F,2B, Shahe Industrial Zone, No. 4018, Qiaoxiang Road, Nanshan District.Shen-zhen
Website:www.icarbonx.com/



Official WeChat

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.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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. However, there is no guarantee that interference will not occur in a particular installation. 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 to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.