

DBT SMART

— Sports. Health .Fashion. Intelligence. —

www.dibetsmart.com

HR---ECG---SPO2---GPS---NFC---IoT

Technology Roadmap

Health →

HR

→

(Static/Dynamic)
ECG / EKG

ECG bracelet since June 2017, TI ads Medical Chip

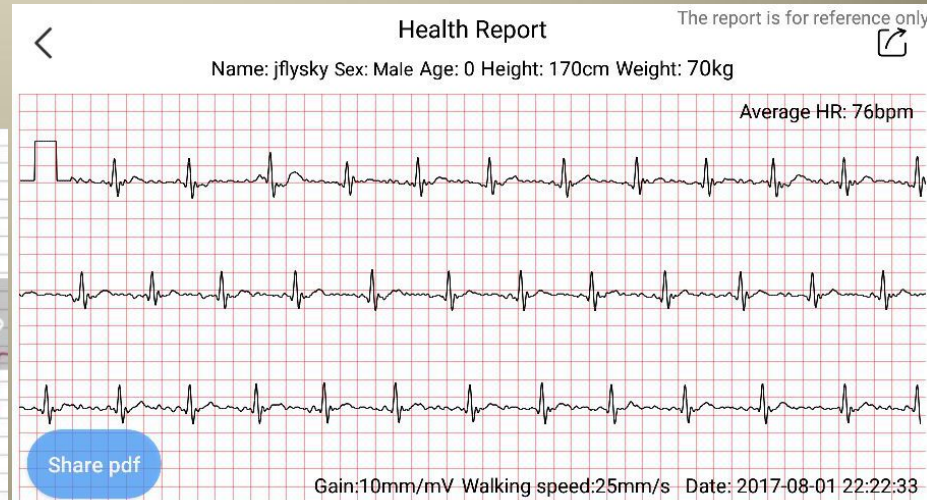
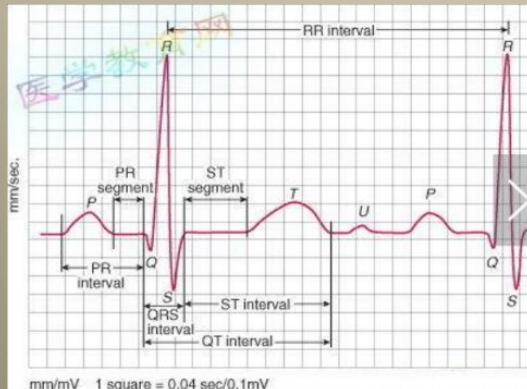
EKG

Electrocardiography (ECG or EKG) is the process of recording the electrical activity of the heart over a period of time using electrodes placed over the skin. It is very commonly performed to detect any cardiac problems.

Medical uses: The overall goal of performing electrocardiography is to obtain information about the structure and function of the heart. Medical uses for this information are varied and generally relate to having a need for knowledge of the structure and/or function. Some indications for performing electrocardiography include: Suspected myocardial infarction (heart attack) or chest pain, Suspected pulmonary embolism or shortness of breath, A third heart sound, fourth heart sound, a cardiac murmur or other findings to suggest structural heart disease

HRV index Monitr

You will get a ECG Report in PDF., it can be share with the family doctor or your family



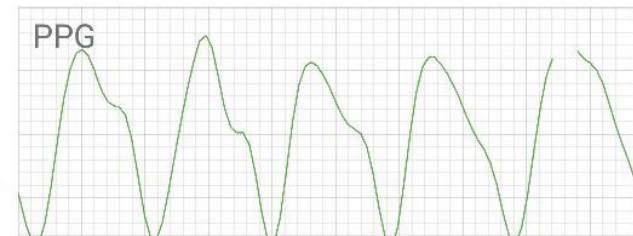
Health Analysis Interface on the App of ECG Bracelet

< Report Details

2017-08-01 22:22:33

ECG no abnormalities

Health Report



Stop Playback

HRV health index

79

General 70 good 90 Optimal

Calibration Measurement

ECG HR 79 bpm

ECG BP 115 mmHg 74 mmHg

ECG HRV Analysis



< detail report ?

79

General 70 good 90 Optimal

Health index

49

Fatigue index

54

Physical and mental load

79

physical fitness

81

Cardiac function

Health advice

Your current health status is good. Please refer to the following detailed suggestions. To work and rest, moderate exercise, scientific diet and adequate sleep to improve physical fitness.

Stay up late and take part in outdoor activities. Maintain a positive, optimistic and happy mood.

Maintain good mood, delight, optimism.

To work hard to develop regular exercise habits, improve the body's enthusiasm and excitement.

Often do some tricks to exercise the heart, such as the head backwards, his arms forced upward. Pay attention to eating habits, eat a variety of animal fat, eat more fresh vegetables and fruits, the diet should be light.

Technology Roadmap

Health



SpO2/Blood
Oxygen

OSRAM Red & Green Light sensors

SpO2, Oxygen saturation is the fraction of oxygen-saturated hemoglobin relative to total hemoglobin (unsaturated + saturated) in the blood. The human body requires and regulates a very precise and specific balance of oxygen in the blood. Normal blood oxygen levels in humans are considered 95–100 percent. If the level is below 90 percent, it is considered low resulting in hypoxemia. Blood oxygen levels below 80 percent may compromise organ function, such as the brain and heart, and should be promptly addressed. Continued low oxygen levels may lead to respiratory or cardiac arrest.

HRV index monitor, SpO2(Static/Dynamic)

Why is blood oxygenation important?

Oxygen is an energy source for the entire human body. By providing energy, oxygen allows the cells to do their job, grow and repair. It is a vital part of life, and a key to overall health. Absence of oxygen leads to death, but poor oxygenation over long periods of time has detrimental effects as well.

Poor blood oxygenation can lead to a host of **undesirable health issues** including: Vision impairment; Pain; Fatigue; Weakened muscles; Short term memory problems; Reduced ability to focus

Human Health Monitoring Center



Future



Blood
Pressure



Blood Sugar

Health Analysis Interface on the App of SpO2 Bracelet

China Telecom
China Mobile

09:40

Dashboard



Blood oxygen

average value
97



00:00 01:30 03:10 04:40 06:20 08:00



HRV

Heart health index
66



00:00 01:30 03:10 04:40 06:20 08:00



Dashboard



Running



Settings

China Telecom
China Mobile

09:42



Analytical data



< 2018-09-30 >

Blood oxygen/Apnea



● Real-time blood oxygen ● Apnea

[95-99]Normal

Analytic result(For reference only)

OSAHS: Severe

Key indicators

More

Name	Frequently appearing time	Frequency	Reference value
Apnea	06:30	1times	≤7
	03:00	1times	

China Telecom
China Mobile

09:43



Analytical data



< 2018-09-30 >

[95-99]Normal

Analytic result(For reference only)

OSAHS: Severe

Key indicators

More

Name	Frequently appearing time	Frequency	Reference value
Apnea	06:30	1times	≤7
	03:00	1times	
	01:40	1times	
	01:20	2times	

Intervention measures

Hypoxia and arousal



Technology Roadmap

Sports



G-Sensor (3 axis acceleration for step and sleep monitor)



HR (Static / Dynamic)

Static HR: Medical Level; Dynamic HR: Polar HR belt level



GPS(GPS+GLONASS+BEIDOU)

Speed, Distance and Altitude: Multi-sport mode



6 or 9 axis G-sensor



Pressure sensor



SpO2 sensor

Automatic recognition the motion of sports, such as running, walking, etc.

Future



Sports Condition Monitoring Center



Technology Roadmap

Kids & Elder



Kids & Elder service Center

Fashion → NFC (NFC antenna: 13.56HZ)

Future

→ Business & Government Organization

io
T

Internet of things (IoT) Control Center

The background of the slide is a close-up photograph of several green leaves. The leaves are vibrant green and show clear vein patterns. The lighting is soft, creating a natural and fresh atmosphere. The text is overlaid on this background.

DBT profile

01

DIBET PROFILE

intelligent technology, smart life !

Shenzhen Dibet Technology Co., Ltd. is an intelligent hardware R & D and production of high-tech companies, adhere to the people-centered, based on the theme of Sports, Fashion, Health, harmony of smart life. Our vision is to create an interesting, comfortable, healthy and environmentally friendly intelligent environment for our users.

Relying on Intelligent Electronic Research Center of Shenzhen Alliance of Colleges, We have the first class intelligent hardware research and development team, dedicated to the research and development smart product of traditional life

More than five years of experience in intelligent hardware products, and more than ten years long-term service for the European and American industries in the high-end customers. We hope to establish a strategic partnership with global customers.

Business partner:








ODM OEM

Looking More Partners.....

CONSTRUCTION



01

DIBET Commercial operation center in Shenzhen

- More than 200 employees, more than 40 engineer
- Functions: R&D, ID, MD, PM, Material control, sales, QC logistics, after-sales & technical backup etc.,

DIBET Assemble factory in Shenzhen

5 lines / 150+ labors / 3000+ square meter



02

Relying on Intelligent Electronic Research Center of Alliance of Tsinghua University



03

Warehouse in HK & Shenzhen



04

SMT: C&Q in Shenzhen

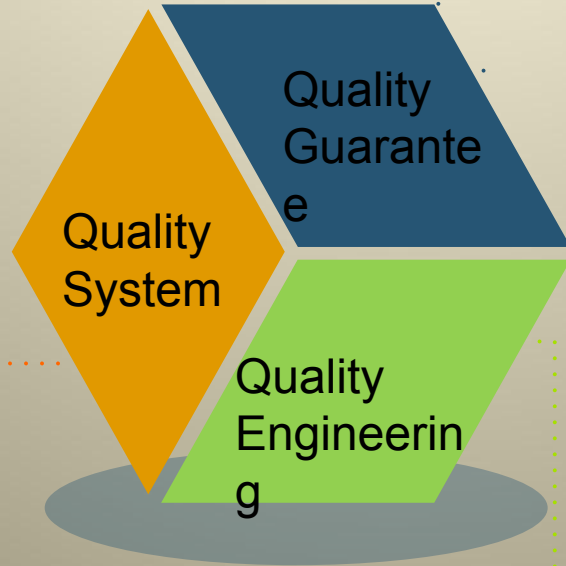
Production Line



QUALITY SYSTEM

1 Quality system

- Based on ISO 9001:2004
- Document management system



2 Quality guarantee

- Incoming quality control
- Quality control
- Process supervision
- Abnormal handling
- Equipment calibration procedure
- Outgoing quality control

3 Quality engineering

- Reliability test
- Product recognition
- Process project tracking
- Customer satisfaction survey
- Detection instrument calibration plan

The background of the slide features a close-up, shallow depth-of-field photograph of green leaves. The leaves are vibrant green, with some showing clear vein patterns. The lighting is soft, creating a natural and fresh atmosphere. The text is overlaid on this background.

Series products

02

PRODUCT

01 Smart bracelet

1.1	PPG HR&ECG PWTT Health Bracelet -----	3
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1.3	GPS Sport Bracelet -----	5
1.4	Earphone Bracelet -----	6
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02 Smart watch

2.1	PPG HR&ECG watch -----	11
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03 KID&elder GPS Tracker watch



One of the major new feature with the new Apple Watch is the **electrocardiogram (ECG)** monitor

DBT ECG Bracelets has been launched since **June 2017**. Our technology has been matured and stable.



ECG Chip: **TI ADS** from
U.S, Medical level



Know yourself, know your health



Personal Fitbit Dashboard

From water to workouts, see all your stats, set goals & track progress in the Fitbit app.



Sleep Tracking & Stages

Track time in light, deep and REM **sleep stages** & get insights about your night.



Female Health Tracking

Turn on female health tracking to log periods, **track your cycle** & gauge ovulation.



Hot point 2: Female health tracking to log periods

GPS Bracelet

DBT-GSB5

Hot point 1: Built-in GPS chip(ublox)
Record the track when you jogging without mobile phone, and automatically

Hot point 2: Perfect performance with competitive price.

Hot point 3: Easy to operate

Hot point 4: GPS+AGPS Location, start GPS need only 40S

Hot point 5: Long battery life: 7 days





fitbit versa™

WATCH VIDEO 

SHOP NOW

1.3" Big Screen Sports Bracelet

DBT SW5

Hot Point 1: The appearance is like Apple Watch, lookd nice.

Hot Point 2: IP68 Water resistance, support swimming

Hot Point 3: Detachable strap, users can change according to different scenes

Hot Point 4: Multi-sports mode

Hot Point 5: Long battery life 7-10 days, Apple watch one day

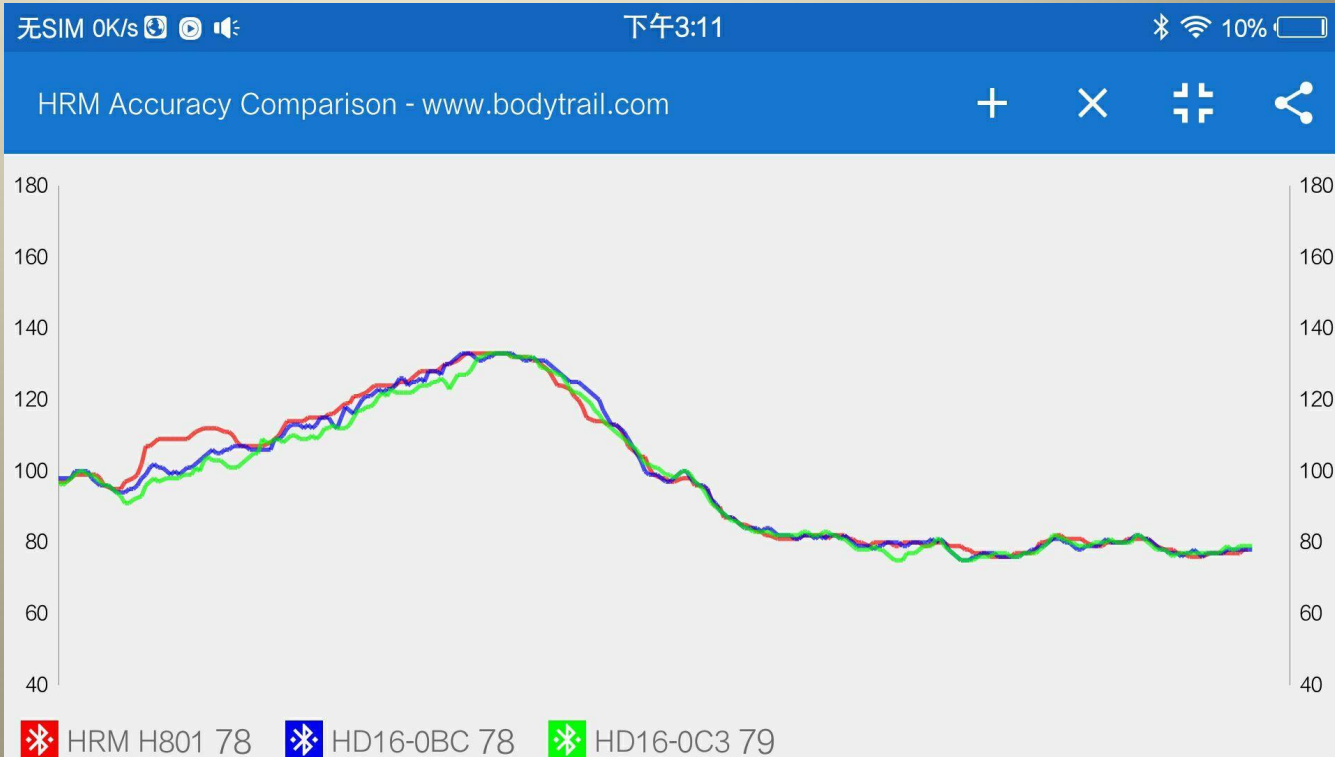


Dynamic & BT 5.0 Bracelet Coming

soon

Hot point 1: Dynamic HR: Polar HR belt level

Hot point 2: The screen refresh speed is faster with bluetooth 5.0, and bluetooth connection distance is farther and more stable. The current bracelet in the market is basically Bluetooth 4.0.



THANK
YOU !

Shenzhen Dibet Technology Co., Ltd
HongKong Dibet Technology Co.,Ltd

Add.: Floor 1st,Bld Researching,TsinghuaHi-tech park,North Technology Park, Nanshan, Shenzhen, Guangdong, China
Tel: +86-755-86097629 / Mobile Phone: +86-13632843521 Email: watch2@dibetsmart.com Website: www.dibetsmart.com