



SPORTS SERIES

—◆—
Health Care





CATALOG



ABOUT US



OUR PRODUCTS



OUR COMPANY ABOUT US



Professional

Innovative

Young

Focused

Shenzhen Chileaf Electronics Co., Ltd. is a modern high-tech enterprise integrating product development, production, and sales of smart fitness wearable products, household electronics, and therapy devices. The company was established in May 2018 with a registered capital of 10 million RMB and an operation site of 2.47 acres. We launched our headquarters and R&D center in Skyworth innovation valley in Bao'an district in Shenzhen and production base in Dongguan. Our company has multiple production lines and a comprehensive quality management system. We obtained the ISO9000 quality management system certification in 2019 and passed BSCI certification in 2021.

At present, our leading products include smart fitness device, smart bracelets, armband & chest strap heart rate monitor, GPS smartwatches, cadence sensors, BBQ thermometers, and Bluetooth body fat scales. Our products are widely adopted by fitness clubs, gyms, education institutes, the military, and fitness enthusiasts, Supermarket.

We take technological innovation, product research, and development as our cornerstone, gathered a group of energetic and highly educated technical elites to constitute an innovative team with cutting-edge corporate management awareness and concepts. There are 36 R&D engineers with an average age of 28. Most of them acquired a relevant bachelor's degree with more than 10 years of high-end product development experience. The company has carried out a joint research project with many famous domestic universities to strengthen its technological innovation capabilities further.

We are committed to building a comprehensive management framework, adhering to our mission statement "people-oriented, integrity first." With our insight in business, excellence in technology and industry information solutions, and efficient global services under a modern network, we aim to provide a "one-stop" solution to our clients. We sincerely expect to cooperate with you through OEM/ODM or other methods to create boundless business opportunities and wish to join hands with elites at home and abroad to develop remarkable achievements.

OVERVIEW OF THE COMPANY

- 6 assembly production lines.
- The plant area is **10,000** square meters.
- The annual output value reach over **100 million RMB**.
- Provide a wide range of functional tests for different types of products, such as radio frequency testing, infrared testing, environmental testing, PCBA testing, system testing, needle flame testing, wireless testing.



CORPORATE CULTURE



Enterprise Mission:
People Oriented,
Healthy Life.

01

02



Company Vision:
Committed to Building a
High-tech Innovative Enterprise.



Management Concept:
Quality first,
Service first,
Trustworthiness first.

03

04



Focus on Customer's needs.

高新技术企业证书

企业名称: 深圳市中力电子有限公司
发证时间: 二〇二〇年十二月十一日
批准机关:

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CORE TECHNOLOGY

01

Professional Wireless Communication Technology

ANT+、BLE、2.4G、5.3k、GPS、WiFi、Lora、4G /5G、NB-IOT

02

Multiple sensor technologies Core intelligent algorithm

Heart rate optical sensor, heart rate inductor sensor, blood oxygen infrared sensor, body surface temperature sensor, acceleration sensor, geomagnetic sensor, gyroscope

03

Internet data cloud Big data analysis

IOS, Android and other smart phone applications; server database

04

Professional material development and application technology

Application of various multi-molecular materials, processing of metal materials, and application of conductive materials.



PARTNER & CUSTOMER



OUR COMPANY OUR PRODUCT



Heart Rate
Monitor
**Armband
Chest Strap**



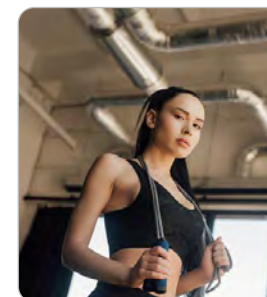
Cadence
& Speed



Scale



Bracelet
Watch



Smart
Skipping
Rope



Data
Receiver

Function: Detect real-time heart rate data, Step count, Calories;
Heart rate monitor size: L47xW30xH12.5 mm;
Measurement range: 40bpm~220bpm;
Measurement accuracy: ± 5 bpm;
Operation temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$;
Storage temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$;
Battery type: Rechargeable lithium battery;
Full charging time: 2 hours;
Battery life: Up to 60 hours;
Waterproof standard: IP67;
Wireless transmission: BLE, ANT+;
Memory: 48 hours heart rate, 7 days calories and pedometer data;
RF transmission range : 60m;
Strap length (length can be customized):
350mm (Upper - arm circumference 18 - 32 cm);



ARMBAND

Heart Rate Monitor

CL830



Blood Oxygen
Monitoring

ARMBAND

Heart Rate Monitor

CL837

Function: Detect real-time heart rate data, Step count, Calories, Blood oxygen monitoring;
Heart rate monitor size: L47xW30xH11 mm;
Measurement range: 40bpm~220bpm;
Measurement accuracy: ± 5 bpm;
Operation temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$;
Storage temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$;
Battery type: Rechargeable lithium battery;
Full charging time: 2 hours;
Battery life: Up to 60 hours;
Waterproof standard: IP67;
Wireless transmission: BLE, ANT+;
Memory: 48 hours heart rate, 7 days calories and pedometer data;
RF transmission range : 60m;
Strap length (length can be customized):
350mm (Upper - arm circumference 18 - 32 cm);

ARMBAND

Heart Rate Monitor

CL838



Function: Detect real-time heart rate data, Step count, Calories;
Heart rate monitor size: L51xW29mmxH12mm;
Measurement range: 40bpm~220bpm;
Measurement accuracy: ± 5 bpm;
Operation temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$;
Storage temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$;
Battery type: Rechargeable lithium battery;
Full charging time: 2 hours;
Battery life: Up to 60 hours;
Waterproof standard: IP67;
Wireless transmission: BLE, ANT+;
Memory: 48 hours heart rate, 7 days calories and pedometer data;
RF transmission range : 60m;
Strap length (length can be customized):
350mm (Upper - arm circumference 18 - 32 cm);





ARMBAND

Heart Rate Monitor

CL835

Function: Detect real-time heart rate data,
Step count, Calories;
Dimension: L45xW40xH15mm;
Measurement range: 40bpm~220bpm;
Measurement accuracy: ± 5 bpm;
Operation temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$;
Storage temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$;
Battery type: Rechargeable lithium battery
Battery capacity: 160 mAh;
Charging mode: magnetic suction charging;
Battery life: 60 hours;
Waterproof: IP67;
Arm band material: Lycra;
Wireless: BLE, LORA;
Data storage: 48 hours heart rate, 7 days calories
and pedometer data;
RF transmission range: BLE 60m, LORA 200m;



SMART TRAINING SYSTEM

Early Warning System of Sports Risk CL910

Function: Data collection / upload;

Dimension: External Dimension-L484xW375xH178MM;

Material: PP;

Engineering protection: Waterproof
Moistureproof
and fall proof

Wireless: Lora、BLE、WiFi、4G、LAN;

Heart rate monitoring: Real time PPG monitoring;

Motion monitoring: 3-axis acceleration sensor;

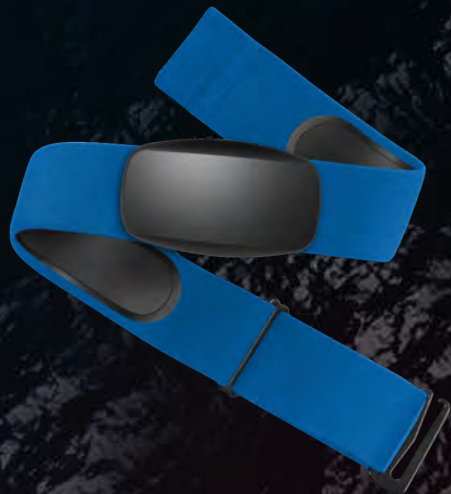
Lora Distance: 200m;

BLE Distance: 60m;

Wifi Distance: 40m;

Battery capacity: 60000 mAh;



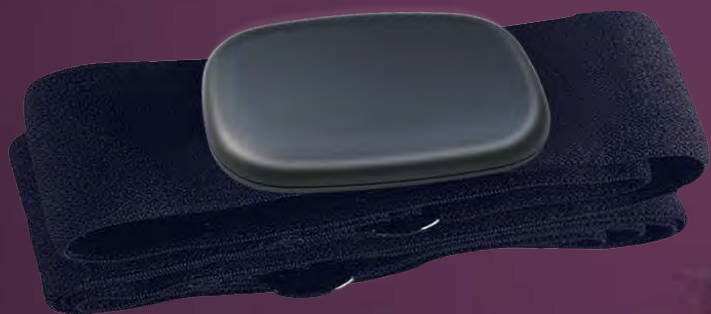


Heart Rate Monitor CHEST STRAP

CL800

Function: Heart rate monitor and HRV;
Heart rate monitor size: L60xW35xH13 mm;
Measurement range: 30bpm~240bpm;
Measurement accuracy: ± 1 bpm;
Operation temperature: $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$;
Storage temperature: $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$;
Battery type: CR2032;
Battery life: Up to 12 months (used 1 hour per day);
Waterproof standard: IP67;
Wireless transmission: BLE 5.0, ANT+;
RF transmission range: 80M;





Function: Heart rate monitor and HRV;
Heart rate monitor size: L61.5xW38xH11.5 mm;
Measurement range: 30bpm~240bpm;
Measurement accuracy: ± 1 bpm;
Operation temperature: -10°C~50°C;
Storage temperature: -20°C~60°C;
Battery type: CR2032;
Battery life: Up to 12 months (used 1 hour per day);
Waterproof standard: IP67;
Wireless transmission: BLE 5.0, ANT+, 5.3KHz;
RF transmission range:
BLE / ANT+ 80m
5.3K 80cm

Heart Rate Monitor

CL813

CHEST STRAP

CL820W

Heart Rate Monitor **with Charger** CHEST STRAP

Function: Heart Rate Monitor and HRV;
Heart Rate Monitor Size: L63xW38xH12 mm;
Measurement range: 30bpm~240bpm;
Measurement accuracy: ± 1 bpm;
Operation Temperature: $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$;
Storage Temperature: $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$;
Battery: 80 mAh;
Battery Type: Rechargeable lithium battery;
Battery Life: 30 days (used 1 hour per day);
Waterproof Standard: IP67;
Wireless Transmission: BLE5.0, ANT+, 5.3K;
Wireless Full charged time: 2H;
Memory: 48 Hours;
RF transmission range: BLE / ANT+ 80m, 5.3K 80cm;
Product Weight: 18g



Heart Rate Monitor

CHEST STRAP

Model: CL806;
Function: Heart rate monitor and HRV;
Heart rate monitor size: L59xW36xH12 mm;
Measurement range: 30bpm~240bpm;
Measurement accuracy: ± 1 bpm;
Operation temperature: $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$;
Storage temperature: $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$;
Battery type: CR2032;
Battery life: Up to 12 months (used 1 hour per day);
Waterproof standard: IP67;
Wireless transmission: BLE 5.0, ANT+;
RF transmission range: 80m;





CL880

HEART RATE

WRIST BAND

Function: Optics Sensor, Heart Rate Monitoring,

Step count, Calories Count, Sleep Monitoring;

Dimension: L250xW20xH16 mm;

Display Type: TFT color screen

Resolution: 128*64;

Battery Type: Rechargeable Lithium battery;

Battery Life: Normal wear for 10 days;

Button Type: Touch sensitive button;

Data transmission: Bluetooth, (ANT+);

Phone call reminder: Vibrational reminder;

Water Proof: IP67;



Function: GPS track, Multi-sports monitoring mode, Optics Sensor,
Heart Rate Monitoring, Blood Oxygen monitoring, Step count,
Calories, Sleep Monitoring, GPS movement speed, distance & compass;

Dimension: L250xW46xH15 mm;

Display Type: Full color AMOLED scratch resistant glass touch screen;

Resolution: 1.19" 390 x 390 pixel;

Battery Type: Rechargeable Lithium battery;

Battery Life: 10 days for normal wear;

Button Type: Touch sensitive button;

Data transmission: Bluetooth, (ANT+);

Phone call reminder: Vibrational reminder;

Water Proof: 30m;



CL680

GPS MULTI-SPORT WATCH

GPS track, Multi-sports monitoring mode, Optics Sensor, Heart Rate Monitoring, Blood Oxygen monitoring, Step count, Calories, Sleep Monitoring, GPS movement speed, distance & compass



MULTIFUNCTIONAL SPORTS WATCH

—◆—
XW100

Functions: Real time heart rate, blood oxygen, temperature, Step count, message alert, sleep monitoring, rope skipping count (optional), NFC (optional), etc;

Product size: L43xW43xH12.4mm;

Display screen: 1.09 inch TFT HD color screen;

Resolution: 240*240 px;

Battery type: Rechargeable lithium battery;

Battery life: Standby for more than 14 days;

Waterproof: IPX7;

Ambient temperature: -20℃~70℃;

Heart rate measurement accuracy: + / - 5 bpm;

Wireless transmission: Bluetooth 5.0, ANT+

Transmission range: 60m



CL600

WIRELESS BIKE COMPUTER

Function: Real-time monitoring of cycling data and real-time position through GPS/ Beidou;

Overall Size: L53xW89.2xD20.6mm;

Display Screen: 2.4-inch anti-glare black and white LCD screen;

Waterproof standard: IP67;

Battery: 700mAh rechargeable lithium battery;

Dial Display: Customize the display page (up to 5 pages), with 2 ~ 6 parameters per page;

Data Storage: 200 hours data storage, storage format < .fit >;

Wireless Transmission: Bluetooth & ANT+;

Data Upload: Upload data via Bluetooth or USB;

Data Monitoring: Speed, mileage, time, air pressure, altitude, slope, temperature and other relevant data;

Measurement Method: Barometer + positioning system;

Intelligent Notification: Support Wechat, telephone, SMS and other notifications;

Expand Peripherals: Heart rate monitor, bike speed sensor, bike cadence sensor, bike speed & cadence 2 in 1 sensor, bike power meter;

Accessories List: CL600 main unit, mounting base, charging cable and user manual;





CDN200

Bike Accessories Series

Cadence & Speed Sensor

Main Features: Acquisition Cycle Pedal Rhythm / Speed;

Wireless Transmission: Bluetooth & ANT+;

Transmission Range: 30M;

Operation temperature: -10°C~50°C;

Storage temperature: -20°C~60°C;

Battery type: CR2032;

Battery life: Up to 12 months;

Waterproof standard: IP67;

Weight: 10g;

Compatibility: Compatible with IOS、Android device,
Sports Watches and Bike Computer.





CDN203

Cadence & Speed Sensor

Main Features: Acquisition Cycle Pedal Rhythm/Speed;
Wireless Transmission: Bluetooth & ANT+;
Transmission Range: 30M;
Operation temperature: -10°C~50°C;
Storage temperature: -20°C~60°C;
Battery type: CR2032;
Battery life: Up to 12 months;
Waterproof standard: IP67;
Weight: 10g;
Compatibility: Compatible with IOS, Android device,
Sports Watches and Bike Computer.





JR201

SMART ROPE SKIPPING

Function: Link APP to record no. of skipping, duration, calories consumption and other sports data in real time;

Accessories: Counterweight rope * 2, Long rope * 1;

Length of long rope: 3M;

Battery type: CR2032;

Battery life: Up to 12 months;

Waterproof standard: IP67;

Wireless transmission: BLE & ANT+;

RF transmission range: 60M



SMART ROPE SKIPPING

JR203



Function: Link APP to record no. of skipping, duration, calories consumption and other sports data in real time;

Accessories: Long rope * 1, type-C charging cable *1

Length of Rope: 3M;

Battery type: Rechargeable lithium battery;

Waterproof standard: IP67;

Wireless transmission: BLE 5.0;

RF transmission range: 60M;



SK6

POCKET MASSAGE GUN

Function: Fascial gun uses the mechanics of vibration, transmits vibration to the deep fascia muscles, relaxing the fascia as well reducing muscle tension;

Size: L160xW90xH45.8 mm;

Charger port: Type-C;

Rated input: 5V/2A;

Battery Type: Rechargeable lithium battery;

Battery capacity: 2000mAh;

Battery life: 16 Hours;

Voltage: 12V;

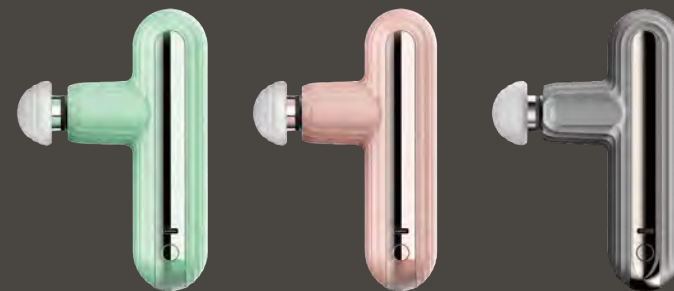
MAX load-bearing: 3Kg

Rated speed: 1400~3000 rpm;

MAX trip: 6mm;

N.W: 425g;





SK9

MINI MASSAGE GUN

Function: Fascial gun uses the mechanics of vibration, transmits vibration to the deep fascia muscles, relaxing the fascia as well reducing muscle tension;

Size: L175.5xW80xH45 mm;

Massage head: 4 pcs;

Amplitude: 6mm;

Strength: 12 Kg;

Battery Type: Rechargeable lithium battery;

Capacity: 2000mAh;

Voltage: 5V;

Electric current: 2A;

Gear: 4;

N.W: 345g;

BFS100

BODY FAT SCALE

Wireless: BLE;
Product Size: L325xW325xD23mm;
Battery Type: 4*AAA battery;
Display: LED;
Panel Material: Toughened Glass;
Weighting Range: 10kg~180kg;
Resolution: 0.1kg / 0.2lb;
Supported Devices: IOS / Android;



CL900

GROUP FITNESS HUB

Function: Receiving ANT+and BLE training data;

Product Size: L143xW143xD30mm;

Work Environment: -10~50℃;

Battery Capacity: 1000 mAh;

Battery Life: Work Continuously For 6 hours;

Wireless: Bluetooth, ANT+, WiFi;

BLE & ANT+ Range : 100m;

Wifi : 40m;





CL920

GROUP FITNESS HUB

Function: Receiving ANT+ and BLE training data;

Product Size: L61xW100xD20mm;

Battery Capacity: 1000 mAh;

Battery Life: Work Continuously For 6 hours;

Work Environment: -10~50℃;

Wireless: Bluetooth, ANT+, WiFi;

BLE & ANT+ Range : 100m;

Wifi : 40m;



ANT+ DONGLE

ANT310

Function: Receive ANT+ wireless radio and convert it into USB;

Size: L18.5W14.5D6 mm;

Weight : 1.7g;

protocol for computer software;

Usage: Plug it into the computer, the required drivers will be installed automatically;

Range: 5 meters;

Radio Protocol: 2.4Ghz ANT+ wireless communication protocol;

Channel Number : Up to 8;



USB330

GROUP FITNESS

DATA COLLECTOR

Features: ANT+ or BLE data receiving;

Supported Devices: Heart rate monitors,

cycling sensors, jump ropes, cadence / speed sensors;

Typical Application : Work with Android box;

Wireless Transmission (in): ANT+, BLE;

Distance: 100m;

Work Environment: -10~50℃;

Product Size: L570W18D8mm;

Development Support: SDK for Android;





THANK YOU



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