

## 1、Market Positioning

Item	Wrist ECG Monitor
Standard	
Ready date	2019, Mar.
Product feature	Professional-level dynamic heart rate, ECG detection ( HRV analysis ), Blood Pressure, AFib, Meditation, Fatigue, IPS color screen, movement detection, off hand heart rate detection

## 2、ID

ID	
Appearance craft	
Machine size	Main body size: 37x20x12mm
Weight	Approx. 27 g

## 3、Hardware Configuration

Certificate		
Type	Straight rectangle	
Board structure	Full version	
CPU	nRf 52840	
Flash	Flash size /type	64M bit
Display module	Main screen size	0.96
	Main screen resolution	80*160
Touch screen	Main screen touch	Full touch (2 points)
Battery	Battery capacity	polymer lithium battery 75mAh 3.7V, working time 5-7days, 75mah, USB charge
	Charge protection	support
Other hardware configurations	Physical key	NO
	Waterproof level	IP67
	Bluetooth	Support BLE5.0
	GPS	NO
	Motor	Support
	Light Sensation	Support

	Magnetometer sensor	NO
	Gyro sensor	NO
	Accelerometer	Support
	Heart rate sensor	Support
	ECG	Support
	Radio frequency antenna	FPC

#### 4. Function

Function type	Item	Descriptions	Remark
Sports health	Time /date display	support	
	Step	Support	
	Calories	Support	
	Distance	Support	
	Multiple sport modes	Support (15 types:running, cycling, walking, treadmill, basketball, badminton, table tennis, tennis, football, volleyball, jumping rope,sit-ups, plank, aerobics and swimming)	
	Running, balls automatic identification	Support	
	Step frequency , speed	Support	
	Static heart rate	Support	
	Dynamic heart rate	Support	
	24 hours heart rate monitoring	Support	
	Off hand heart rate detection	Support	
	ECG monitoring	Support	
	Atrial Fibrillation	Support	
	Blood Pressure Trend Monitoring	Support	
	Meditation Training	Support	
Other functions	Remote camera	Support	
	Alarm clock/schedule	Support	
	Touch	Support	
	Change the Watch face	Support	
	Raising hand, wrist showing	Support	
	Push message	Support	
	Sleep monitoring	Support	
	Sedentary reminder	Support	

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#### FCC Statement

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.

NOTE: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.