

# RC900 中英说明书

材料:105 铜版纸 单色

切线:\_\_\_\_\_

折线:-----

正面

110 mm70 mm

## 使用手册

数据收集器 / RC900 版本:2016-4-25

### 部件

主机  
USB充电器 (可选)  
USB充电线  
使用手册

### 按键与指示灯说明

#### 按键操作

- 长按按键 3s, 设备开机、关机, 蓝灯亮 2s。
- 关机状态下, 长按按键 10s, 清除网络信息, 蓝色 LED 灯快速闪烁, 亮 100ms 灭 100ms。

#### led 灯状态

网络已连接: 蓝灯亮 400ms 灭 400ms。  
网络未连接: 蓝灯每 2s 亮 200ms。  
充电状态  
低电状态: 红灯每 2s 亮 100ms。  
充电未完成: 红灯亮 1s 灭 1s。  
充电完成: 红灯常亮。

LED蓝灯  
LED红灯  
按键

### 设置

- 长按按键 3s, 设备开机
- 使用手机或 PC 的无线网卡连接 "USR-WIFI232-G2" (初始网络无密码)。
- 打开浏览器, 在地址栏输入 http://10.10.100.254, 回车。在弹出来的对话框中填入用户名和密码, 均为 admin, 然后确定。

账号 [admin]  
密码 [admin]  
 记住我的密码  
确定 取消

### 4. 进入管理界面

Fast Setting System  
STA Setting AP Setting Network  
UART Setting Account Upgrade SW Restart Restore

### 5. STA Setting 需要做以下设置

Mode Selecting: 选择 AP+STA  
Network Name(SSID): 点 **Scan** 搜索选择所要使用的 WIFI 网络, 或手动输入 WIFI 名称。  
Encryption Method: 选择加密方法  
Encryption Algorithm: 选择加密演算法  
Password: 输入 WIFI 密码  
Save: 点 **Save** 保存

### 6. 选择 Back 保存后不重启, 继续设置

Fast Setting System  
STA Setting AP Setting Network  
UART Setting Account Upgrade SW Restart Restore

### 7. Network 网络设置

SOCKET\_A Setting Protocol: 协议设置, 设置为: UDP-Client.  
Port ID: 端口设置 (Sportslink 的服务器端口为 9123)  
Server Address: 服务器 IP 地址 (Sportslink 的服务器 IP 地址为: 120.25.60.182)  
Save: 点 **Save** 保存

### 8. 选择 Restart 保存重启

Fast Setting System  
STA Setting AP Setting Network  
UART Setting Account Upgrade SW Restart Restore

### 9. 设置

SOCKET\_A Setting Protocol: UDP-Client  
Port ID: 9123  
Server Address: 120.25.60.182  
TCP Time Out Setting: 300  
SOCKET\_B Setting Enable/Disable: Disable  
Protocol: TCP-Client  
Port ID:   
Server Address:   
TCP Time out Setting: 300  
Save

### 10. 技术说明

型号: RC900  
数据收集协议: ANT+  
电池容量: 1200mAh  
数据上传: WIFI  
主要功能: 收集运动数据  
ANT+ 传输距离: 10 米  
WiFi 距离: 30 米  
支持设备: 支持 ANT+ 的运动设备

### 11. 免责声明

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背面

## User Manual

Data Collector / RC900 Version: 2016-4-25

### Parts

Main Module  
USB Charger (Optional)  
USB Cable  
User Manual

### Buttons and Lights

#### Buttons Operation

- Press and hold the button for 3 seconds to turn on/off the collector. The blue LED will light up for 2 seconds.
- When off, press and hold the button for 10 seconds to clear the network information. The blue LED will flash, light up for 100ms and off for 100ms.

#### LED Status

Network Status  
Network connected: The blue LED will flash, light up for 400ms and off for 400ms.  
Network not connected: The blue LED will light up for 200ms in every 2 seconds.  
Charging status:  
Low battery: The red LED will light up for 100ms in every 2 seconds.  
Charging incomplete: The red LED will light up for 1 second and off for 1 second.  
Charging complete: The red LED will stay light up.

Blue LED  
Red LED  
Button

### Setup

- Press and hold the button for 3 seconds to turn on the data collector.
- Use the wireless connection through cellphone or PC to connect network "USR-WIFI232-G2". By default this network has no password.
- Open your browser, and enter http://10.10.100.254. In the pop-up window enter the user name and password (both "admin" ), then confirm.

Account [admin]  
Password [admin]  
 Save Password  
Confirm Cancel

### 4. Entering the set-up menu

Fast Setting System  
STA Setting AP Setting Network  
UART Setting Account Upgrade SW Restart Restore

### 5. STA Setting needs to follow the following procedure

Mode Selecting: Select AP+STA  
Network Name(SSID): Click **Scan** to search the WIFI network you want to use, or manually enter the WIFI name.  
Encryption Method: Selecting encryption method.  
Encryption Algorithm: Selecting encryption algorithm.  
Password: Entering WIFI password  
Save: Click **Save** to save.

### 6. Select Back to save without restart and continue setting

Fast Setting System  
STA Setting AP Setting Network  
UART Setting Account Upgrade SW Restart Restore

### 7. Network Setup

SOCKET\_A Setting Protocol: Set up the protocol.  
The setting should be: UDP-Client.  
Port ID: To setup port ID. ( The server port of Sportslink should be 9123)  
Server Address: Server IP address. (Sportslink server IP address is 120.25.60.182)  
Save: Click **Save** to save.

### 8. Select Restart to save and restart

Fast Setting System  
STA Setting AP Setting Network  
UART Setting Account Upgrade SW Restart Restore

### 9. 设置

SOCKET\_A Setting Protocol: UDP-Client  
Port ID: 9123  
Server Address: 120.25.60.182  
TCP Time Out Setting: 300  
SOCKET\_B Setting Enable/Disable: Disable  
Protocol: TCP-Client  
Port ID:   
Server Address:   
TCP Time out Setting: 300  
Save

### 10. Technical Specifications

Model: RC900  
Data collection protocol: ANT+  
Battery capacity: 1200mAh  
Data transmission: WIFI  
Data upload: UDP  
Main function: Collect sports data  
ANT+ transmission distance: 10 meters  
Battery life: continues operation time is 15 hours  
WiFi distance: 30 meters  
Compatibility: Supports ANT+ sports equipment

### 11. Disclaimer

- The product it describes are subject to change without prior notice, due to the manufacturer's continuous development program.
- Our company makes no representations or warranties with respect to this manual or with respect to the products described herein.
- Our company shall not be liable for any damages, losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the use of this material or the products described herein.

## **FCC RF Exposure Information and Statement**

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types Sports Data Wireless Hub / (FCC ID: 2ACN7-RC900) has also been tested against this SAR limit. SAR information on this and other pad can be viewed on - line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search. This device was tested for typical body-worn operations kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm separation distance between the user's body and the device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

## **FCC Warning**

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.

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