

# **iGPS*SPORT***

## **USER MANUAL**

**SRTL SR30**



WUHAN QIWU TECHNOLOGY CO.,LTD.

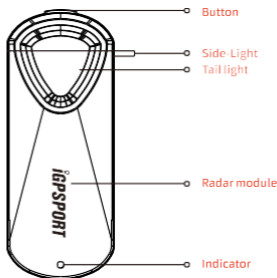
# English

## 1.INTRODUCTION

SRTL SR30 Smart Radar Tail Light is a safety auxiliary device which can detect vehicles within a certain range behind to realize two-way reminders and the coming vehicles for users. It contains a micro radar and a multimode controllable tail light, can actively detect the approaching vehicles within a certain range behind the rider, display them on the terminal device and actively remind the vehicles behind for riders.

This device enhances detection of the environment, but is not a substitute for the attention and judgment of the rider. Please keep your judgment on the road conditions at all times and ride safely. Failure to observe the relevant content carefully may result in serious accidents.

## 2.DEVICE OVERVIEW



Module	Directions
Button	Hold 2 seconds to power on/off Quick press to change the light modes Hold 8 seconds to restart the device
LED Working indicator	The color is changed based on the battery level, light mode and charging status
Tail light	Multi-mode tail light, single press to change the light mode
Radar module	Built-in radar to monitor the moving objects behind

### 3.STATUS LED

LED Activity	Status
Flashing Blue	The device is working
Solid Blue	The firmware is under update
Flashing green	The device is charging
Solid green	The device is fully charged
Flashing red	The device has approximately 60 or fewer minutes of battery life remaining
Solid red	An error occurred. You may need to restart the device

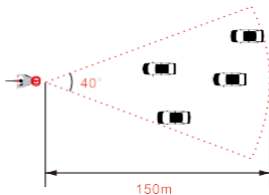
### 4.TAIL LIGHT MODE

Tail light mode	Light Intensity	Default Flash Behavior
Solid mode	High	None
Peloton mode	Moderate	None
Pulse mode	High	Light flashes slowly
Night flash	High	Light flashes
Day flash	Maximum	Light flashes slowly
Single radar mode	None	None

\*Single radar mode: Tail light is off, and only the radar is on normal working status.

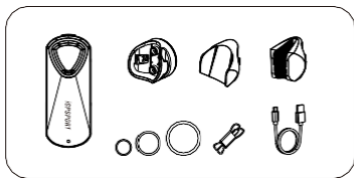
### 5.RADAR DETECTION

- 1.Radar can detect approaching vehicles within a distance of about 150 meters.
- 2.The relative speed of approaching vehicles that can be detected by radar must be within 10~120 km/h (6~75mph).  
Note: Radar will not detect vehicles moving at the same speed as you, or vehicles moving away from you.
- 3.The radar beam width is 40° (-20°~20°) in horizontal direction.
- 4.Radar can detect up to eight approaching vehicles at most.
- 5.Radar detection can not be used indoor.



## 6. IN THE BOX

- Host × 1
- Fixed seat × 1
- Rubber pad × 2
- Rubber band × 3
- Lanyard × 1
- Type-C charging cable × 1



## 7. INSTALLATION INSTRUCTION

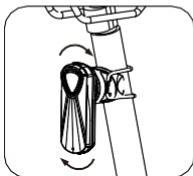
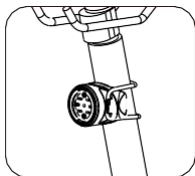
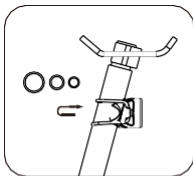
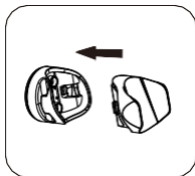
- Please select a suitable position to install the device to ensure that it will not affect your riding safety.
- Install the device at the appropriate height of the seat post to acquire the optimal detection range.
- The fixed seat shall be installed vertically and compatible with most seat post types and angles.
- Install the device correctly, making sure the device is facing backwards and perpendicular to the road.
- Make sure there is no obstruction in front of the device.



## 8. INSTALL THE FIXED SEAT

1. Please select an appropriate rubber mat based on the shape of your seat post and fix the mat on the back of the fixed seat.
2. Place the fixed seat and rubber mat on the seat post.
3. Fix it with a rubber band.
4. Align the card tray on the back of the device with the card slot of the fixed seat and rotate it clockwise until the device is locked.

\*To prevent the device from falling, the lanyard can be installed together with the device.



## 9. DEVICE CHARGING

- Please open the waterproof cover on the USB surface and slowly insert the charging cable into the USB surface.
- Please keep the USB interface dry before charging to prevent metal corrosion.
- Tighten the USB cover after charging to prevent water ingress or interface damage.



## 10. MAINTENANCE AND CLEANING OF THE DEVICE

- Avoid using organic solvents, chemicals, or repellents, because it may cause damage to parts of the device.
- Try to avoid violent impact or rough use because it may shorten the life of the products.
- Please do not use any cloth or other materials that may scratch the optical lenses. Scratches may give rise to a decline in the performance of the radar detection.
- Regular cleaning of mud or dirt on the device can extend the life of your device.

## 11. PRODUCT SPECIFICATION

Types	Specification
Battery Type	Rechargeable lithium battery
Operating temperature range	-10°C ~ 50°C (14°F ~ 122°F)
Charging temperature range	0°C ~ 45°C (32°F ~ 113°F)
Communication protocol	ANT+ 、BLE
Waterproof rating	IPX7
Luminous Flux	Slide mode (20lm) Peloton mode (6lm) Pulse mode (20lm) Day flashing mode (65lm) Night flashing mode (20lm)

\*Product parameters are laboratory test results, the actual use is affected by environmental factors, the actual results shall prevail.

## 12. SAFETY AND PRODUCT INFORMATION NOTICES

### Warning

If the radar device does not send radar detection information to the display device, it is recommended that you stop riding and check the device in a safe place to ensure riding safety, please turn off the two devices, and then try to connect after restarting.

The display device interface is for illustrative purposes only, and the specific display form is subject to the mark on the display device.

## 1. Riding warning

(1) Be sure to keep your best sense of the attention and judgement and ride in the safest way.

(2) Please make sure that your bike and all components are well maintained and all parts are installed correctly.

## 2. Distraction warning

(1) The device can improve your riding experience if used properly; you may be distracted by the screen and suffer from severe injury or death of the device is used improperly.

(2) Just check the information quickly and keep your attention on the surroundings at all the times. Do not keep staring at the display or be distracted by it.


(3) Paying excessive attention to the screen display may lead to your neglect of the obstacles or dangers. You will take risks for all the serious consequence arising therefrom, therefore, please use this device in an appropriate and careful manner.

## 3. Battery warning

## 13. CONTACT US

 [www.igpsport.com](http://www.igpsport.com)

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### **Disclaimer:**

This user manual is for user's reference only. If there is any difference between the device and the manual, please subject to the device. We will not notify otherwise.

(1) The product has a rechargeable lithium battery.

(2) Failure to follow the instructions listed below may shorten the battery's shelf life, damage the device, or cause fire, chemical burns, electrolyte leakage, or the risk of injury.

(3) Do not disassemble, modify, puncture, or damage the device or the battery violently.

(4) So not expose the device or the battery to fire, explosion, or other hazards.

(5) Do not place or store the device near a dryer, in a car under direct sunlight, or in the other high-temperature environments.

(6) Do not immerse the battery in water or other liquids.