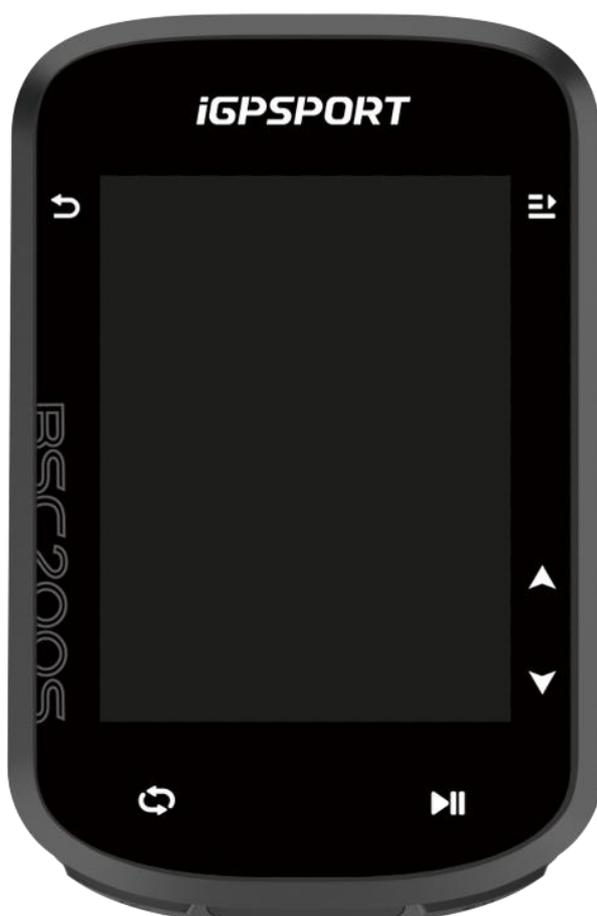


# *User Manual*

*BSC200S Smart GPS Bike Computer*

*www.igpsport.com*



*WUHAN QIWU TECHNOLOGY CO.,LTD.*

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## PRODUCT INTRODUCTION

### DEVICE BUTTONS



①		Power Button	Short press to power on / back / enter the status page. Long press to power off. Zoom button on the map page.
②		Select Button	Select / Go to ride menu.
③		Lap Button	Lap / Quick settings.
④		Ride Button	Start / Pause activity.
⑤		Upward Button	Switch up / left.
⑥		Downward Button	Switch down / right.

### ICON DESCRIPTIONS

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GPS Signal	Battery	Bluetooth	Data Transmission	Start Recording
				
Recording	Stop Recording	Heart Rate Sensor	Cadence Sensor	Speed Sensor
				
Speed and Cadence Sensor	Power Meter	Shifter	Radar	Trainer
				
Light				

## CHARGING

The device is powered by a built-in lithium-ion battery that you can charge using a power adapter or a USB port on your computer. (Please use compatible USB-C charging cable.)

1. Lift the weather cap from the USB port.
2. Connect the USB charging cable.
3. Charge the device completely.
4. After charging the device, unplug the cable and close the weather cap.

Note:

1. Please use DC5V standard power adapter. The fast charge adapter is not recommended because it may damage the battery.
2. When the battery level is low, a low battery icon will be displayed in the upper right corner of the device's home page, indicating low battery level and recommending to charge the device.
3. Do not overstretch the USB weather cap to keep its waterproof and dust-proof performance.

## PAIRING

Pairing smartphone helps you use the bike computer more conveniently. You can experience richer features on the iGPSPORT APP

### First Pairing

1. Open the iGPSPORT APP in your smartphone and login with your iGPSPORT account
2. Place the bike computer nearby your smartphone and enter the home page or device page in the APP. Click **Add Device** and then search for **BSC200S**. Select it and click **Connect**, and the pairing will start.
3. When **Bluetooth Pairing Request** prompts on your device, click **Pair** to accept the request.
4. After the pairing, the bike computer will be displayed in the device list.
5. Then the prompt of device settings on your smartphone will show up in the iGPSPORT APP. Finish your settings and click **Save and Sync**, and then the settings will be synced to the device. After successful pairing, the device and the smartphone will be automatically connected via Bluetooth; if it fails, you can try to restart the smartphone Bluetooth, the iGPSPORT APP or the bike computer for pairing again.

### Remove Pairing

If you want to pair your bike computer with another smartphone, please remove the current pairing first:

1. Go to **Settings > Pair Phone** to view the paired device list.
2. Click **Unpair Phone** and press to confirm.
3. When the deletion is completed, the bike computer will restart automatically and Bluetooth Disconnected icon will be displayed on the device.

Note:

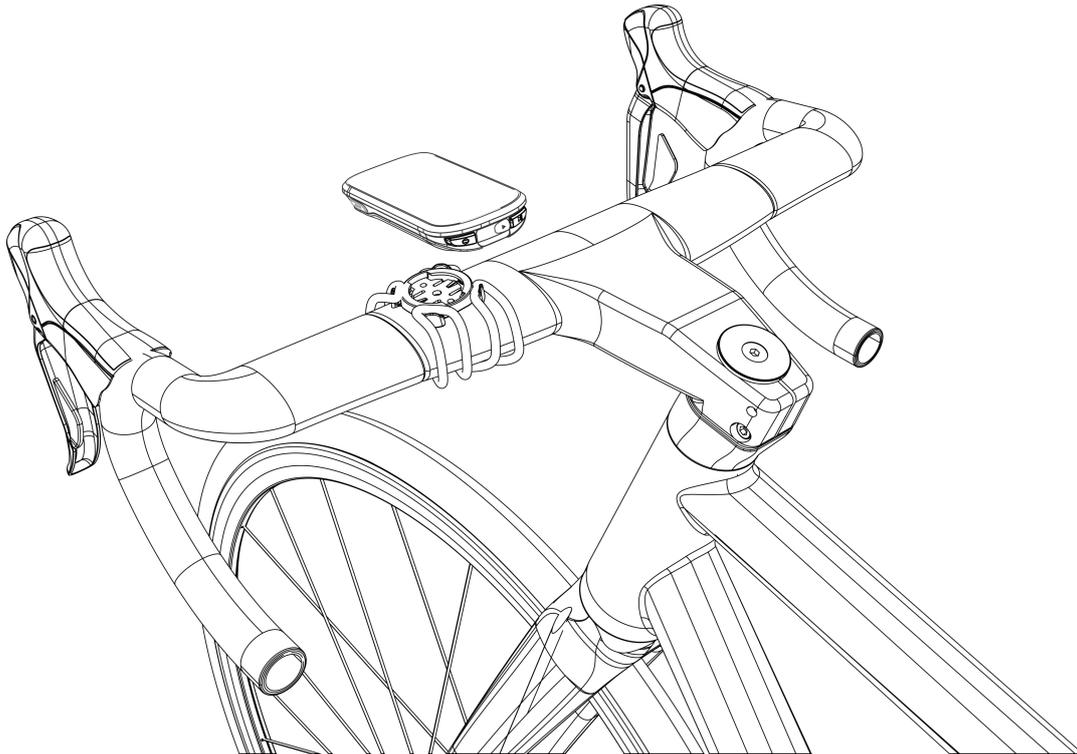
1. Please pair the device based on the instructions in the iGPSPORT APP, rather than using the Bluetooth settings on your smartphone.
2. Please ensure that your smartphone is connected to the internet and that Bluetooth is enabled.
3. Download the iGPSPORT APP from the AppStore or GooglePlay.
4. For Android users, make sure to enable location permissions for the iGPSPORT APP in your phone's APP settings.
5. Do not pair and unpair the device frequently.

## FIRMWARE UPDATE

To keep the device's best performance, please update its firmware timely when a new version is available.

1. The device will automatically check for firmware updates when connected to Bluetooth.
2. Alternatively, you can manually check for updates by going to the **iGPSPORT APP > Device > Firmware Update**.
3. Depending on the strength of the Bluetooth signal, it may take 3 to 20 minutes. Please be patient during the process.

## INSTALLATION OF STANDARD BIKE MOUNT



Use the included rubber bands to attach the standard bike mount to the bike stem.

1. Place the rubber disk on the back of the standard bike mount.
2. Select a suitable place on the bike stem to place the rubber disk and the standard bike mount.
3. Loop the two rubber bands around the bike stem respectively, hook the buckle of the bike mount and fix it on the bike stem.
4. Align the tabs on the back of the device with the standard bike mount notches.
5. Place the device on the bike mount and rotate it by 90 degrees.

Note: It is recommended to use iGPSPORT Standard Bike Mount or Out-Front Mount to avoid damaging the tab of the bike computer.

## GOING FOR A RIDE

### PRE-RIDING

To ensure the accurate riding data, the bike computer needs to be outdoors in an open space to receive the satellite signal before riding. Please go outdoors in an open space with the screen up and wait to receive the satellite signal.

If the sensor has been connected to the device before, it will automatically connect to the device once waken up. During your riding, the device will automatically measure your heart rate, cadence and power and other data by using your sensors.

## USING BUTTONS

1. After receiving satellite signals, press  to enter the ride date page.
2. Press  to switch ride date page.
3. Press  to return to the home page.
4. During riding recording, press  to wake status page.
5. Press  to record riding.
6. During riding recording, press  to stop recording.
7. During riding recording, press  to start a new lap record.
8. Press  to enter ride page, select **Save** to end riding and save the recording.

## WHILE-RIDING

### Scan Data View

During the training, you can use  to switch the ride view. Please note, the displayable ride data view and information depend on the selected ride mode and your modification to the selected mode.

You can set up specific page settings for outdoor riding and indoor riding on the device and in the iGPSPORT APP. You can create custom data fields for each activity mode and select the data you want to see during the riding.

### View Status Page

During the riding, you can access the status page by pressing the button . On the status page, you will find basic information such as battery level, sunrise and sunset times, elevation, and more. You can also view status information on sensors, brightness, and other functions. Select  to switch ride mode quickly.

### Ride Menu

During the riding, you can press  to open the menu and access the functions such as navigation, workouts and more from it.

### Lap

Pressing  can manually lap. Auto Lap function can be enabled in the APP. In the iGPSPORT APP's device settings, enable auto lap and set lap by distance, location, or time. If by distance,

you should set the distance for each lap, and it will be automatically counted as one lap after riding this distance. If by position, the starting point of recording is taken as the mark point, and it will be automatically counted as one lap when you reach it again. You can change the mark point by long-pressing the lap button. If by time, it records the time according to the specified time period, and it will be automatically counted as one lap when it reach that period again.

### **Pause/End**

1. Press  to pause riding recording.
2. To resume training, press  again.
3. To end riding recording, you can press , and select **Save** from the pop-up menu. After saving the riding activity, you will immediately receive a summary of the activity from the device.

## **POST-RIDING**

### **Activity Summary**

After finishing the activity, you can immediately view the activity details on the device. More detailed data and graph analysis can be obtained in the iGPSPORT APP or its official website.

The information in activity summary depends on the data collected during the activity.

Select **History** on the homepage to view the recent activities. You can view the list of historical activities and summary information about the activities stored on the bike computer.

### **View Riding Data in the iGPSPORT APP**

If your smartphone is within the Bluetooth range when the riding finished, the device will automatically be connected to and sync with the iGPSPORT APP (the auto sync function needs to be enabled in the APP). In the APP, you can quickly view the analyzed data after ending each recording. With iGPSPORT APP, you can quickly view the detailed data of each riding, and you can also share your riding with your friends through iGPSPORT APP.

You can analyze every detail in the activity record using the iGPSPORT website to learn your performance better and track progress towards your monthly training target, and you can share your personal best record with others.

For more details, please see the iGPSPORT APP.

## **RIDE MODE**

Ride mode refers to the configuration of a riding activity that you can select on the device. There are two default ride modes on the device, including indoor riding and outdoor riding. You can make some specific settings for each ride mode. For example, you can set custom data

page template for each ride mode and select the data you want to view during riding and the options that meet your training needs best.

## ENABLE MODES

Select **Ride Mode** on the home page and choose a mode to view its options. Select **Enable** to use this mode.

## MODE SETTINGS

1. In the setting page of ride mode, you can quickly enable/disable functions like auto record, auto pause, auto lap, smart record, and more.
2. You can also customize data page, alert settings, and auto functions through the ride mode settings in the APP device settings.

## NAVIGATION

You can plan your route in the iGPSPORT APP and send it to the device. The files in GPX or TCX format can be directly imported into the iGPSPORT APP as the navigation route and send to the device. You can also use routes recorded from previous rides as a guide for navigation.

### NAVIGATE BY SAVED ACTIVITIES

1. Select **Activities** to view its options.
2. Select an activity to start the navigation.

### NAVIGATE BY A ROUTE

1. Send a route from iGPSPORT APP to the device.
2. Select **Route Navigation** to view available routes.
3. Select a route to see its overview.
4. Select **Navigate** to start.

### NAVIGATION SETTINGS

The navigation map can be custom configured in the navigation settings, including north up, auto zoom, route color and track color.

### NAVIGATION OPERATIONS

- Enter ride mode and switch to the map page.
- Select  to zoom in or out the map.
- Select / to switch to north up.
- Press  to enter the ride menu, you can select functions such as stopping the route, returning to the starting point.

## TRAINING

You can create workouts in the iGPSPORT APP and send them to the bike computer.

### FOLLOWING A WORKOUT

1. Send a workout from iGPSPORT APP to the device.
2. Select a workout, and the training page will be displayed on the riding data page.
3. Press  to start training and the activity timer.
4. Press  on the training page to stop the current training step and enter the next one.
5. Press  on the training page to enter the riding menu, and select **Stop Training** to stop the workout course.
6. After the activity is saved or discarded, the workout will also stop.

### USING SMART TRAINER

1. Select **Smart Trainer** to enter **Free Ride** mode.
2. If the Smart Trainer is not connected, you can select **Pair Smart Trainer** to view the sensor settings. Wake up the Smart Trainer and connect to the device.
3. In **Free Ride** mode, press  to enter ride menu and select the ride mode.
4. Select **Resistance Mode** to set a resistance level for the trainer.
5. Select **Power Mode** to set a target power.
6. Select **Grade Mode** to set a grade for the trainer.
7. Press  to start or stop trainer training.

## HISTORY

History contains the history rides stored on the device. You can view activity data such as time, distance, calories, etc. corresponding to the history rides, as well as information about the selected external sensors.

Note: Older history records will be overwritten if the device runs out of memory space.

### ALL ACTIVITIES

1. Select **All Activities** to view all history activities.
2. Select an activity to view its summary information.
3. Select **Summary** to view details, such as summary, lap, graph and more.
4. Select **Delete** to delete the activity.

## SMART NOTIFICATIONS

To use the smart notification function, you need to install the iGPSPORT APP on your phone and pair it with the bike computer. You can receive incoming calls, messages and APP notifications from your phone through the bike computer.

Note: With Smart Notifications On, the battery consumption of the bike computer and the phone will be faster due to Bluetooth being constantly on.

## STATUS PAGE

1. Press  on the home page or riding page to wake up the status page.
2. GPS, battery and the connection status between sensors and the smartphone, sunrise/sunset time, current elevation and other information will be displayed on the status page.
3. The status page allows quick access to functions like brightness adjustment, sensor settings, quick switch between ride modes, and more.

## SETTINGS

Select **Settings** on the home page to view setting options, or you can press  to get quick access to settings page.

## SENSORS

The bike computer can pair with sensors supporting ANT+ and Bluetooth Protocol, including heart rate monitors, cadence sensors, speed sensors, power meters, smart trainers, shifter, radars and bike lights. The specific third-party sensors that are compatible with the device subject to the actual connection status.

### Sensors Pairing

Before pairing a heart rate sensor, cadence sensor, speed sensor, or third-party power meters, please make sure it has been properly installed. For more information on installing sensors, please refer to their user manuals. It is recommended to check the device ID on the back of each sensor to ensure the correct sensor is found from the list.

1. Select **Add Sensor** to enter the sensor list, you can search all sensors or search by sensor type.
2. The bike computer starts to search for the sensor.

- Cadence sensor: rotate the crank arms to wake up the sensor. A flashing red light indicates that the sensor is enabled.
  - Speed sensor: rotate the wheel to wake up the sensor. A flashing red light indicates that the sensor is enabled.
  - Third-party power meter: rotate the crank arms to wake up the sender.
3. When the sensor is found, the device type and ID will be displayed. Select the sensor to connect.
  4. After successful pairing, the sensor will be displayed in the sensor list.

Note:

1. Please make sure that the sensor is waken up before pairing. The sensor will automatically connect to the device if it has been successfully paired with.
2. The sensor needs to be searched and connected again after replacing the battery.
3. Resetting the device or some firmware upgrades may require to search and connect sensors again.
4. For BLE/ANT+ dual-mode sensors, it is recommended to prioritize the use of ANT+ protocol for connection.

### Sensors Settings

The sensor needs to be set to ensure its correct use and accurate measurement. The setting method is as follows: select a connected sensor, open the menu and select the data to set.

- Wheel Size: if you want to pair with a speed sensor, you need set the wheel size. Select the speed sensor, and then select wheel to set the wheel size. The setting method can refer to the Appendix Common Wheel Size Parameters.
- Crank Length: set crank length in millimeters. This setting is only available after this device being paired with a power meter.
- Power Meter Calibration: first, rotate the crank arms to wake up the sensor; second, select Calibrate Power in the menu; third, calibrate the power meter following the instructions on the screen. (Please refer to the manufacturer's instructions for specific calibration instructions for power meters.)

### Sensors Removing

1. Select a saved sensor to view its options.
2. Select **Forget** to remove this sensor.

### THEME

The device supports custom theme color and dark mode. You can select according to your needs.

- Select **Theme Color** to choose a color you like.
- Select **Dark Mode** to view its options.

## POWER MANAGE

Select **Power Manage** to view battery saver options. This device supports battery saver, auto sleep and auto power off.

### Battery Saver Mode

- Battery Saver Mode can prolong the usage time of the battery, but lower the accuracy of the activity data.
- If the Battery Saver Mode is enabled, the device will change the GPS mode and backlight brightness to prolong the usage time. These settings can improve the usage rate of battery and obtain more time when in long ride or low battery.
- GPS in Battery Saver Mode will record locations and data from sensors with a lower frequency.

Note: You should close the Battery Saver Mode and charge the device to get a better experience after each ride.

## LANGUAGE

The device supports multiple languages. You can select according to your needs.

1. Select **System** > **Language** to view its options.
2. Select a language to switch.

## BACKLIGHT

1. Select **System** > **Backlight** to view its options.
2. Select **Backlight Time** to view its options.
3. Select **Night Bright** to turn on/off auto backlight. If Night Bright is turned on, the riding at night will keep the backlight on.

## SOUND

1. Select **Key Tones** to turn on/off key tones.
2. Select **Alerts** to turn on/off alerts.

## GPS MODE

This device has a built-in multi-satellite system, providing data like speed, distance and elevation for different outdoor riding activities. In addition to GPS, it provides a number of configuration combinations for users to choose for different scenarios.

1. Select **System** > **GPS** > to enter GPS mode selection menu, and you can select according to different scenarios.
2. Select a GPS mode to view its configuration and enable this mode.

## TIME

1. Select **Time** to view its options.
2. Select **Time Zone** to change the time zone.
3. Select **Time Format** to change the time format.

## UNITS

You can customize the unit display format for data, including: Imperial/Metric.

## DEVICE RESET

1. Select **Device Reset** to view its options.
2. Select **Delete Data** to delete all histories without resetting settings you have changed.
3. Select **Reset** to restore to the default settings and ride mode, but history will not be deleted.
4. Select **Delete All and Reset** to restore to the default settings and ride mode, and history will be deleted.

Note: Delete All and Reset will restore to the default settings, unpair the Bluetooth, clear all data and odometer. Therefore it is suggested that you turn on the auto sync to save your personal data in the iGPSPORT APP.

## DEVICE RESTARTING

If you have problems when using the device, you can try to restart it. Restarting will not delete any settings or personal data on it. Long press  to turn off the device, and press  again to restart it.

## iGPSPORT APP

In the iGPSPORT APP, you can manage the device, view real-time visual interpretation of activity data, plan training and navigation routes, and communicate with other riders.

## USER PROFILE

It is very important to set your physique precisely, especially your weight, height, date of birth, and gender, because these factors affect the accuracy of measurement values, such as heart rate limits and calorie consumption.

You can set gender, height, weight, date of birth, maximum heart rate, resting heart rate, FTP, and training intervals for parameters such as speed, cadence, and heart rate in the settings. These parameters will be used to evaluate your physical condition during exercise.

## ACTIVITY DATA

In the iGPSPORT APP, you can easily access past and planned riding activity data, establish new training targets, get a quick overview of riding activities, and analyze detailed summary data,

chart records, and various detailed data of your performance in real time. You can view your riding activity records and statistical analysis of data during the activity, and also make statistics of your activity data in different time periods.

## BIKE COMPUTER SETTINGS

It is convenient for you to set various functions on the device through the iGPSPORT APP, including adding, editing and enabling the data page view, and setting auto options and alerts. For more information, please see Device in the iGPSPORT APP.

## ACTIVITY SHARING

With the image sharing function of the iGPSPORT, you can share images and training data on the most commonly used social media such as Facebook and Instagram. You can share an existing photo, or you can take a new photo and customize it with your training data. If you have a GPS record during the training, you can also share a snapshot of the training route.

## COMMON WHEEL SIZE SETTINGS

Setting wheel size is a prerequisite for correctly displaying of riding information. There are two ways to determine the wheel size of a bicycle:

Way 1: Manually measure the wheel to get the most accurate results.

- Mark the air faucet as the point where the wheel touches the ground. Draw a line on the ground to mark that point. The bicycle moves forward a full circle on a flat surface. The tires should be perpendicular to the ground. Draw another line on the ground at the air faucet to mark a complete rotation of the wheel. Measure the distance between the two lines.
- Subtract 4mm to calculate the weight on the bicycle to get the circumference of the wheel.

Way 2: Check the diameter printed on the wheel. Match it to the wheel size in millimeters in the right column of the table. You can check on the Internet and calculate the size that is not included in this table.

### Common Wheel Size Parameters

Wheel Size	Length (mm)	Wheel Size	Length (mm)
12×1.75	935	26×1.25	1953
14×1.5	1020	26×1-1/8	1970
14×1.75	1055	26×1-3/8	2068
16×1.5	1185	26×1-1/2	2100
16×1.75	1195	26×1.40	2005

18×1.5	1340	26×1.50	2010
18×1.75	1350	26×1.75	2023
20×1.75	1515	26×1.95	2050
20×1-3/8	1615	26×2.00	2055
22×1-3/8	1770	26×2.10	2068
20×1-1/2	1785	26×2.125	2070
24×1	1753	26×2.35	2083
24×3/4Tubular	1785	26×3.00	2170
24×1-1/8	1795	26×1	2145
24×1-1/4	1905	27×1-1/8	2155
24×1.75	1890	26×1-1/4	2161
24×2.00	1925	26×1-3/8	2169
24×2.125	1965	29×2.1	2288
26×7/8	1920	29×2.2	2298
26×1(59)	1913	29×2.3	2326
26×1(65)	1952	650×35A	2090
650×38A	2125	700×28C	2136
650×38B	2105	700×30C	2170
700×18C	2070	700×32C	2155
700×19C	2080	700CTubular	2130
700×20C	2086	700×35C	2168
700×23C	2096	700×38C	2180
700×25C	2105	700×40C	2200

## CONTACT US

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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.