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## iGPSPORT BSC100S

# iGPSPORT BSC100S GPS Bike Computer User Manual

Model: BSC100S | Brand: iGPSPORT

## 1. INTRODUCTION

The iGPSPORT BSC100S is a wireless GPS bike computer designed to track and analyze your cycling performance. It features a 2.6-inch display, multi-satellite positioning, and extensive data tracking capabilities. This manual provides essential information for setting up, operating, and maintaining your device.

## 2. WHAT'S IN THE BOX

- 1 x iGPSPORT BSC100S Bike Computer
- 1 x User Manual
- 1 x Rubber Pad
- 2 x Rubber Bands
- 1 x USB Charging Cable



Image: Package contents of the iGPSPORT BSC100S.

## 3. PRODUCT OVERVIEW AND FEATURES

### 3.1 Key Features

- **Global GPS Coverage:** Equipped with 5 satellite positioning systems (GPS, GLONASS, Galileo, Beidou, QZSS) for fast and precise location tracking.
- **Extensive Sports Data:** Collects over 40 types of sports data including speed, cadence, heart rate, power, elevation, distance, and calories.
- **Data Analysis & Sharing:** Automatically syncs data with the official iGPSPORT app and allows sharing to platforms like Strava, Komoot, or TrainingPeaks.
- **Bluetooth ANT+ Dual Mode:** Supports both ANT+ and Bluetooth 5.0 for wide compatibility with various sensors.
- **2.6-inch Display & Auto Backlight:** Large, clear display with anti-glare and automatic backlight for easy reading in all light conditions.
- **Long Battery Life:** Up to 40 hours of battery autonomy, ideal for long rides.
- **IPX7 Waterproof:** Designed to withstand rain and adverse weather conditions.
- **Incoming Call Notification:** Receive call reminders directly on the device when connected to a smartphone.
- **Automatic Functions:** Includes automatic backlight, save, pause, sleep, rotation, return to home page, and data upload.



Image: The iGPSPORT BSC100S with its 2.6-inch screen and dimensions.



Image: Global satellite positioning systems for the BSC100S.



Image: Examples of over 40 data types displayed on the BSC100S.

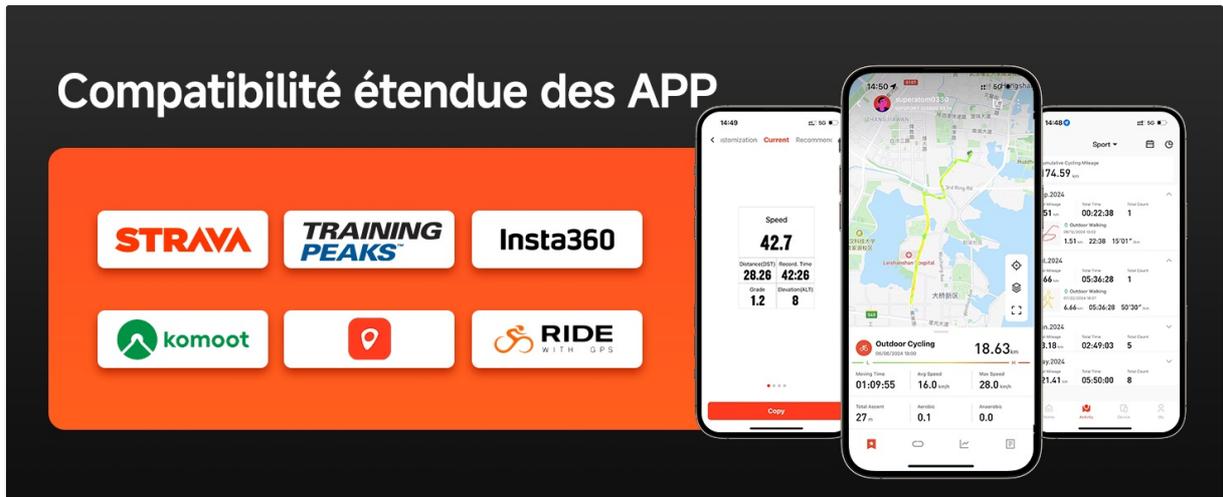


Image: Compatibility with various sensors via Bluetooth and ANT+.

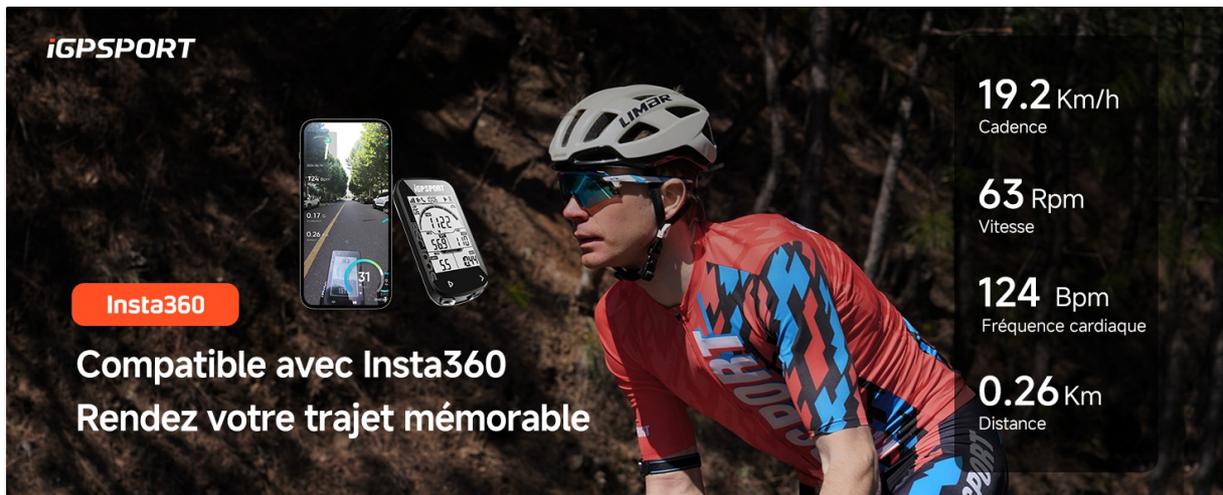


Image: Intelligent automatic functions of the BSC100S.

## 4. SETUP

### 4.1 Mounting the Device

To mount your iGPSPORT BSC100S:

1. Place the rubber pad on your bicycle's handlebar or stem.
2. Position the mount base on top of the rubber pad.

3. Secure the mount base and rubber pad using the provided rubber bands, ensuring a tight fit.
4. Align the BSC100S with the mount's clip and rotate it clockwise until it locks securely into place.



Image: Step-by-step mounting method for the BSC100S.

## 4.2 Initial Power On and App Pairing

To power on the device, press and hold the power button for 2 seconds. For full functionality, pair your BSC100S with the iGPSPORT app on your smartphone.

1. Download the official iGPSPORT app from your smartphone's app store.
2. Open the app and follow the on-screen instructions to add a new device.
3. Select the BSC100S model from the list and initiate the connection.
4. Confirm the pairing request on both your smartphone and the BSC100S.
5. Allow notifications to be displayed on your bike computer for incoming calls and messages.

Video: Demonstrates how to activate message notifications and pair the device with the iGPSPORT app.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Basic Button Functions

The BSC100S features intuitive button controls:

- Press and hold the power button for 2 seconds to turn the unit on/off.
- Press the ▲ (up arrow) key to cycle through data displays such as Total Distance, Total Time, Current Time, Clock, and Calories.
- Press the ▼ (down arrow) key to cycle through data displays such as Current Speed, Maximum Speed, and Average Speed.
- Press and hold the ▲ (up arrow) key for 3 seconds to toggle backlight mode.

Video: Demonstrates button functions for cycling through data, toggling backlight, and GPS acquisition.

### 5.2 GPS Acquisition

When the satellite icon is flashing, the device is searching for satellites. A stationary satellite icon indicates successful satellite acquisition. For optimal performance, ensure you are in an open outdoor location for faster and more precise location tracking.

### 5.3 Automatic Functions

The BSC100S includes several intelligent automatic functions to enhance your riding experience:

- Automatic Backlight
- Automatic Save
- Automatic Pause
- Automatic Sleep

- Automatic Rotation
- Automatic Return to Home Page
- Automatic Data Upload
- Automatic Time Zone Setting
- Automatic Wheel Diameter Setting
- Automatic Unit Setting

## 5.4 Incoming Call Notifications

Once paired with your smartphone and notifications are enabled in the iGPSport app, the BSC100S will display incoming call alerts, allowing you to stay informed without checking your phone.

## 6. CHARGING AND BATTERY

The iGPSport BSC100S is equipped with a high-capacity lithium battery providing approximately 40 hours of use. Charge the device using the standard Type-C charging port. A full charge typically takes about 2 hours.



Image: Battery autonomy and charging time.

## 7. MAINTENANCE

The BSC100S is IPX7 waterproof, meaning it can withstand splashes and rain. To ensure longevity:

- Wipe the device clean with a soft, damp cloth after each use.
- Avoid using harsh chemicals or abrasive cleaners.
- Ensure the charging port cover is securely closed to maintain water resistance.
- Store the device in a cool, dry place when not in use.

## 8. TROUBLESHOOTING

### 8.1 GPS Signal Acquisition Issues

If the device struggles to acquire a GPS signal:

- Ensure you are in an open outdoor area with a clear view of the sky.
- Avoid areas with tall buildings, dense foliage, or strong electromagnetic interference.
- Allow a few minutes for the device to connect to satellites upon power-on.

### 8.2 Device Auto-Shutdown

The device is designed to auto-shut down after 20 minutes of inactivity to conserve battery. This is a normal function. Simply press the power button to restart.

### 8.3 Connectivity Problems (Bluetooth/ANT+)

If you experience issues connecting to sensors or the iGPSPORT app:

- Ensure Bluetooth is enabled on your smartphone and the sensor is active.
- Check that the sensor's battery is not depleted.
- Restart both the BSC100S and your smartphone.
- Ensure the iGPSPORT app is updated to the latest version.

## 9. SPECIFICATIONS

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Feature	Specification
Model Number	BSC100S
Screen Size	2.6 inches
Display Type	LCD
Dimensions (L x W x H)	86.7 x 51 x 14.9 mm
Weight	67 grams
Material	Plastic
Battery Life	Up to 40 hours
Connectivity	Bluetooth 5.0, ANT+
GPS Systems	GPS, GLONASS, Galileo, Beidou, QZSS
Waterproof Rating	IPX7

## 10. WARRANTY AND SUPPORT

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Our products come with a 2-year warranty. We also provide lifetime consultation services. If you have any questions or require assistance, please do not hesitate to contact us. We commit to responding within 24 hours.

**Contact Information:** Please refer to the official iGPSPORT website or your purchase platform for specific contact details.