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## iGPSPORT BSC100S

# iGPSPORT BSC100S Bike Computer User Manual

Comprehensive guide for your iGPSPORT BSC100S Wireless GPS Bike Computer.

## INTRODUCTION

The iGPSPORT BSC100S is a state-of-the-art wireless GPS bike computer designed to enhance your cycling experience. Featuring a large 2.6-inch screen with automatic backlight, it provides clear visibility of your riding data in various conditions. With multi-GNSS support (GPS+BEIDOU+GLONASS+GALILEO+QZSS), it ensures fast and accurate positioning. The device is compatible with ANT+ sensors for power, heart rate, speed, and cadence, and offers Bluetooth 5.0 for stable multi-channel data transmission. Manage your rides, customize data displays, and sync with popular platforms like Strava and TrainingPeaks via the iGPSPORT App.

## PACKAGE CONTENTS

Please verify that all items are present in your package:

- BSC100S Bike Computer x 1
- Standard Bike Mount x 1
- O-Ring Band x 2
- Bike Mount Pad x 1
- User Manual x 1
- Note: A Type-C charge cable is not included. Any standard Type-C cable can be used for charging.

## SPECIFICATIONS

Feature	Detail
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Brand	iGPSPORT
Model Name	BSC100S
Screen Size	2.6 Inches
Display Type	LCD
Product Dimensions	3.4" L x 2" W x 0.6" H
Item Weight	65 Grams
Battery Life	About 40 Hours
GPS	GPS+BEIDOU+GLONASS+GALILEO+QZSS
Wireless Connectivity	ANT+ & Bluetooth 5.0
Waterproof Rating	IPX7
Human Interface Input	Buttons
Mounting Type	Handlebar Mount

## SETUP GUIDE

### 1. Device Installation

Attach the standard bike mount to your handlebar using the O-ring bands and bike mount pad. Ensure the mount is securely fastened and positioned for optimal viewing during your ride. The BSC100S unit twists onto the mount for a secure fit.



Image: iGPSPORT BSC100S bike computer, showing the device, standard bike mount, O-rings, and bike mount pad.

## 2. Powering On

To power on the device, long press the left button. The iGPSPORT logo will appear, followed by the main data screen.

Video: Demonstrates how to power on the iGPSPORT BSC100S bike computer by long-pressing the left button.

## 3. Initial Settings (Time Zone, Units)

While the device is not recording, long press the right button to enter the setting mode. Short press the right button to navigate through different functions (E1, E2, E3, E4, E5). Short press the left button to set values or confirm selections.

- **E2 (Time Zone):** Select E2 to set the time zone. Use the right button to adjust the hour and minute, and the left button to move between fields. Long press the right button to exit.
- **E5 (Units):** Select E5 to choose between metric (KM) or imperial (MI) units. Use the right button to toggle between options. Long press the right button to exit.

Video: Shows how to access and adjust settings like time zone and measurement units on the BSC100S.

## OPERATING INSTRUCTIONS

### 1. Interface Description

The BSC100S features a clear display with a status bar at the top and customizable data pages. The

status bar shows GPS signal, Bluetooth status, call reminder, time, record/pause indicator, and battery status. The main data pages display various cycling metrics.

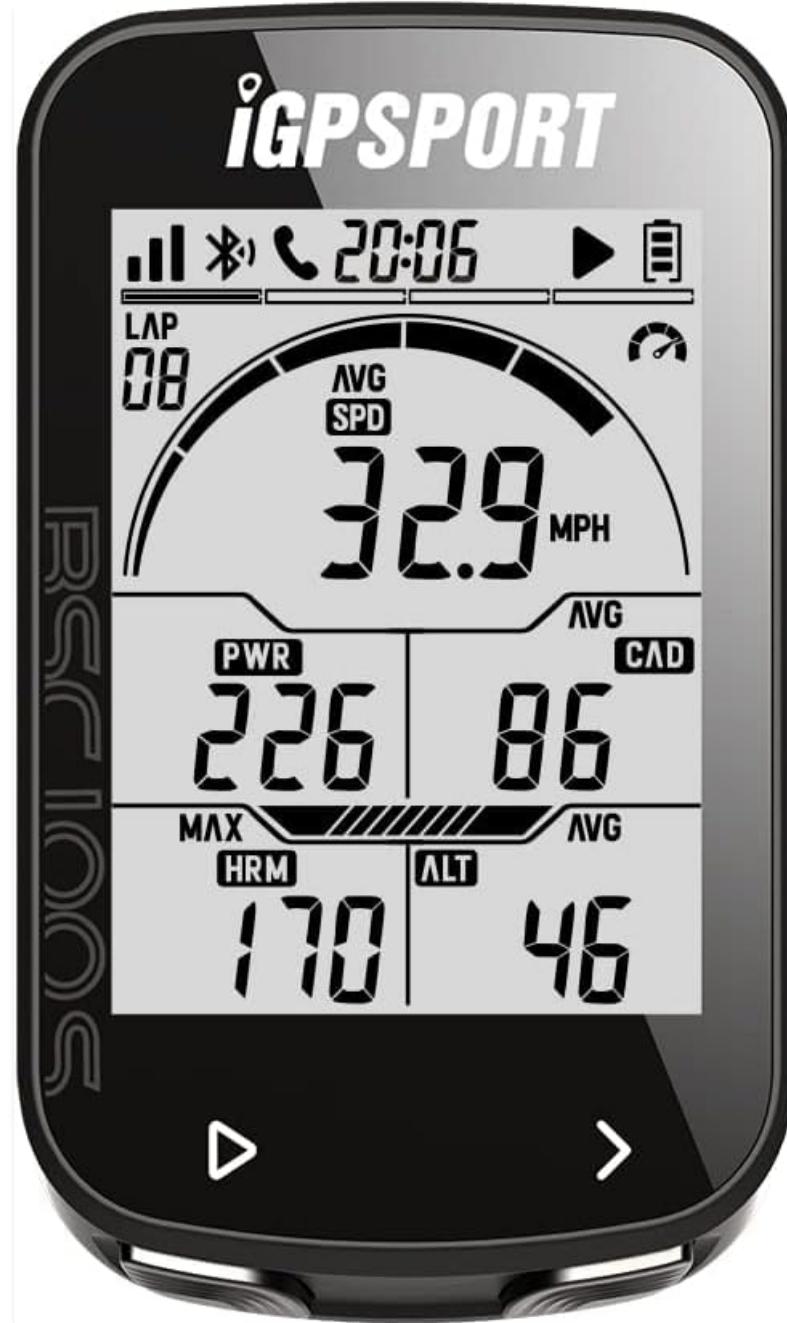


Image: Detailed view of the BSC100S display, highlighting the status bar and data fields such as average speed, power, cadence, heart rate, and altitude.

The device provides 4 customizable data pages. Short press the right button to cycle through these pages. Each page can be configured to show over 40 different cycling data points, including current time, temperature, laps, speed (current/average/maximum), heart rate, cadence, power, altitude, grade, total height, calorie consumption, recording time, and riding distance.

# MULTIPLE SENSORS

Compatible with speed sensor, cadence sensor, heart rate monitor and power meter.



Image: Illustrates the various customizable data pages available on the BSC100S, showing different combinations of metrics.

## 2. Starting and Saving a Ride

Once powered on and GPS signal is acquired, short press the left button to start recording your ride. The record/pause icon in the status bar will change to indicate recording is active. To pause the recording, short press the left button again. To save the recorded activity, long press the right button. The screen will flash to confirm the activity has been saved.

## 3. Sensor Connection (ANT+)

The BSC100S supports ANT+ sensors such as power meters, heart rate monitors, speed sensors, and cadence sensors. To connect sensors:

1. Ensure the device is not recording.
2. Long press the right button to enter setting mode.
3. Navigate to E3 (Sensor Connection) using short presses of the right button.
4. Short press the left button when E3 blinks. The device will start searching for nearby sensors.
5. Once a sensor is found and connected, its icon (e.g., HRM for heart rate monitor) and data will appear on the screen.

**iGPSPORT**



Image: Illustrates the BSC100S's compatibility with various sensors, displaying real-time data like speed, power, and heart rate during a ride.

## DATA UPLOAD AND iGPSPORT APP USAGE

The iGPSPORT App allows you to manage your device, customize settings, and synchronize your cycling data to platforms like Strava or TrainingPeaks. The app is available on Google Play Store for Android and Apple App Store for iPhone.

- Ensure your mobile phone's Bluetooth and internet are enabled.
- Open the iGPSPORT App and select "Add device".
- When the BSC100S is found, select "Connecting" and confirm pairing.
- After successful connection, you may be prompted to fill out personal information for calorie calculation and training assistance.
- To enable automatic data synchronization, navigate to the "Device" page in the app and turn on "Activity Auto Sync". Your cycling activities will then be uploaded automatically.
- You can view detailed activity data in the "Device-Data Management" section of the app. Activities can also be manually uploaded by selecting the start icon next to each activity.
- To delete an uploaded activity from the app, select the checkmark icon next to it and confirm deletion.

Video: Demonstrates the process of connecting the BSC100S to the iGPSPORT App, syncing data, and managing activities.

## MAINTENANCE

- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, charge the device regularly and avoid fully discharging it for

extended periods.

- **Water Resistance:** The device is IPX7 waterproof, meaning it can withstand immersion in up to 1 meter of water for 30 minutes. However, it is not designed for underwater use. Ensure the Type-C port cover is securely closed to maintain water resistance.

## TROUBLESHOOTING

- **No GPS Signal:** Ensure you are in an open outdoor area with a clear view of the sky. Allow a few minutes for the device to acquire a signal.
- **Sensor Not Connecting:** Check that the sensor is powered on and within range. Ensure the sensor's battery is not depleted. Re-pair the sensor through the device's E3 setting.
- **Data Not Syncing to App:** Verify that Bluetooth is enabled on your phone and the BSC100S. Ensure the iGPSPORT App has the necessary permissions. Check your internet connection. Try restarting both the device and the app.
- **Inaccurate Data (Altitude/Distance):** While the device provides accurate GPS positioning, external factors can sometimes affect altitude and distance readings. Syncing with Strava or TrainingPeaks often corrects these discrepancies post-ride.
- **Device Not Responding:** If the device becomes unresponsive, try long-pressing the left button for 10-15 seconds to force a restart.

## WARRANTY AND SUPPORT

The iGPSPORT BSC100S comes with a **2-Year Warranty**. For technical support, troubleshooting assistance, or warranty claims, please contact iGPSPORT customer service through their official website or the iGPSPORT App. Ensure you have your product model number (BSC100S) and proof of purchase available when contacting support.

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## Related Documents - BSC100S

 <p><b>USER QUICK GUIDE</b> BSC100S BIKE SMART COMPUTER www.igpsport.com</p>	<p><a href="#"><u>iGPSPORT BSC100S Bike Smart Computer User Quick Guide</u></a></p> <p>A quick guide to the iGPSPORT BSC100S Bike Smart Computer, covering button functions, icons, display data pages, smartphone pairing, sensor connection, wheel circumference settings, unit settings, bike mount installation, and basic ride functions.</p>
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 <p><b>USER QUICK GUIDE</b> BSC100S BIKE SMART COMPUTER www.igpsport.com WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><a href="#"><b>iGPSPORT BSC100S Bike Smart Computer: User Quick Guide</b></a> Concise user guide for the iGPSPORT BSC100S Bike Smart Computer, covering buttons, icons, settings, pairing, installation, and specifications.</p>
 <p><b>UŽIVATELSKÁ PŘÍRUČKA</b> www.igpsport.com BSC100S WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><a href="#"><b>iGPSPORT BSC100S User Manual</b></a> User manual for the iGPSPORT BSC100S cycling computer, covering setup, features, pairing with smartphones, and specifications.</p>
 <p><b>UŽIVATELSKÁ PŘÍRUČKA</b> BSC200S - GPS CYCLOPAC www.igpsport.com WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><a href="#"><b>iGPSPORT BSC200S GPS Cycling Computer User Manual</b></a> This user manual provides comprehensive instructions for the iGPSPORT BSC200S GPS cycling computer, covering setup, operation, features, and maintenance. Learn how to install the device, pair it with your smartphone, navigate routes, track rides, and utilize smart notifications.</p>
 <p><b>USER MANUAL</b> IGS630 GPS BIKE COMPUTER www.igpsport.com WUHAN QINHU TECHNOLOGY CO., LTD.</p>	<p><a href="#"><b>iGS630 GPS Bike Computer User Manual</b></a> Comprehensive user manual for the iGS630 GPS Bike Computer, detailing setup, features, riding modes, data analysis, and app integration. Learn how to maximize your cycling experience with this device.</p>
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