

## iGPSPORT BSC100S

# iGPSPORT BSC100S GPS Bike Computer User Manual

## 1. INTRODUCTION

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The iGPSPORT BSC100S is a high-performance GPS bike computer designed for cyclists seeking accurate tracking and comprehensive data analysis. This device offers high-sensitivity GPS for precise positioning, supports ANT+ sensors for heart rate, speed, and cadence monitoring, and features a durable battery life. This manual provides detailed instructions for setting up, operating, and maintaining your BSC100S bike computer.

## 2. WHAT'S IN THE BOX

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Upon opening your iGPSPORT BSC100S package, you should find the following items:

- BSC100S GPS 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 charging cable is not included in the package. Any standard Type-C cable can be used for charging.*

## 3. PRODUCT FEATURES

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- **High-Sensitivity GPS:** Quickly acquires satellites for accurate positioning, tracking distance, speed, and route. Supports GPS+Beidou+Glonass+Galileo+Qzss.
- **ANT+ & Bluetooth 5.0 Sensor Support:** Compatible with all brands of ANT+ sensors (Heart Rate Monitor, Speed Sensor, Cadence Sensor, Power Meter). Bluetooth 5.0 supports multi-channel data

transmission for faster and more stable connections.

- **2.6-inch Large Screen:** Provides clear, multiple data display with automatic backlight.
- **Durable Battery:** Up to 40 hours of battery life, with power-saving functions.
- **IPX7 Waterproof:** Designed to withstand various weather conditions.
- **Customizable Data Pages:** Over 40 cycling data items to choose from, configurable via the iGPSPORT APP.
- **Smart Notifications:** Call reminders (requires iGPSPORT APP connection).
- **Aerodynamic Design:** 14.9mm ultra-thin appearance.



Image: iGPSPORT BSC100S GPS Bike Computer with key features highlighted.



Image: Close-up of the iGPSPORT BSC100S display showing various cycling data fields.

## 4. SETUP AND INSTALLATION

### 4.1 Mounting the Device

To mount the BSC100S on your bicycle handlebar:

1. Place the bike mount pad on your handlebar at the desired position.
2. Secure the standard bike mount over the pad using the O-ring bands. Ensure it is tight and stable.
3. Align the back of the BSC100S with the mount and twist it clockwise until it locks securely into place.

# 40 HOURS LONG BATTERY LIFE

Get rid of anxiety on battery life and Type-C cable brings more convenience

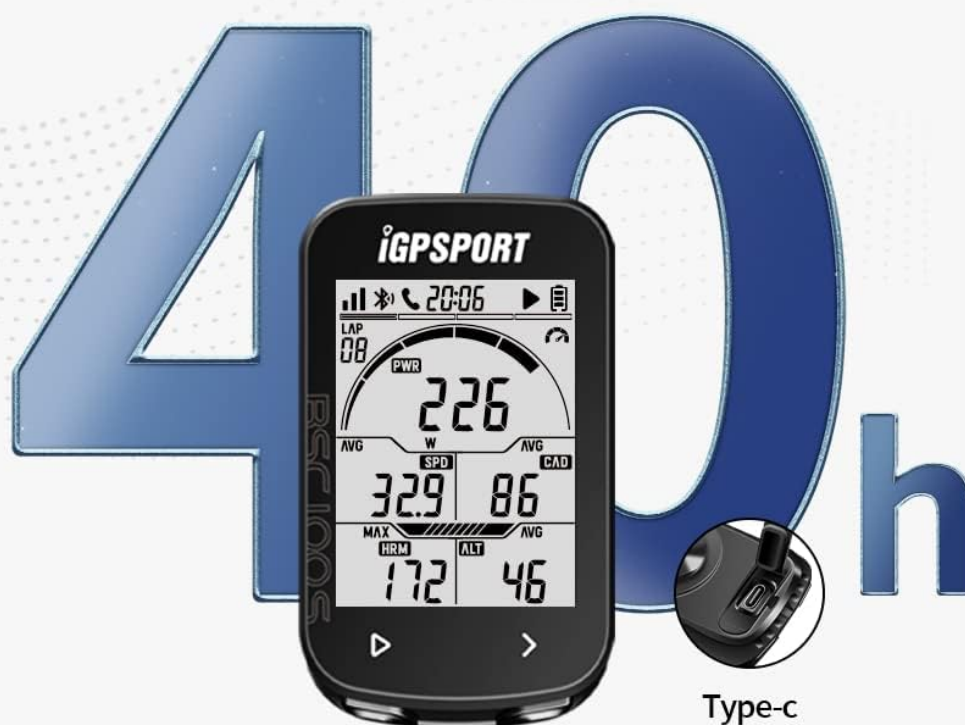


Image: iGPSPORT BSC100S bike computer mounted on a bicycle handlebar.

## 4.2 Initial Power On

To power on the device for the first time:

1. Long press the left button on the device to power it on. The iGPSPORT logo will appear, followed by the main data display.
2. Allow the device to acquire a GPS signal. This may take a few minutes on first use.

## 5. BASIC OPERATION

### 5.1 Interface Description

The BSC100S features a clear display with a status bar at the top and customizable data fields. The status bar shows GPS signal strength, Bluetooth status, call reminder icon, current time, record/pause status, and battery status.

# EASY TO SHARE CYCLING DATA

Use with iGPSPORT APP for more functions

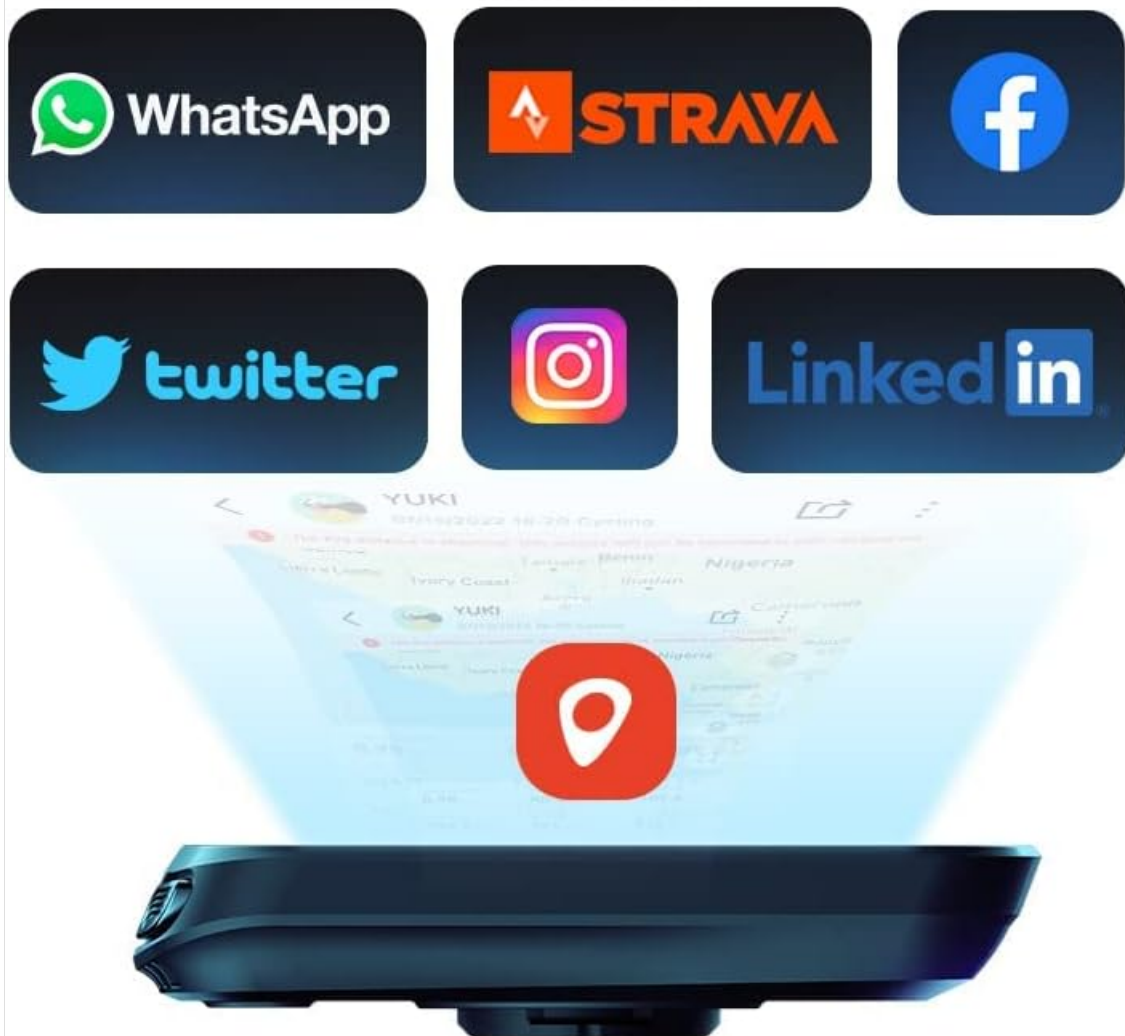


Image: Close-up of the iGPSPORT BSC100S display showing various cycling data fields.

## 5.2 Power On/Off and Navigation

- **Power On:** Long press the left button.
- **Power Off:** Long press the left button until the device powers off.
- **Page Turning:** Short press the right button to cycle through the 4 customizable data pages.

## 5.3 Starting and Saving a Ride

- **Start Recording:** Short press the left button to begin recording your ride data.
- **Pause/Resume:** Short press the left button again to pause or resume recording.
- **Save Ride:** After pausing, long press the right button to save the recorded activity. The screen will flash to confirm saving.

Your browser does not support the video tag.

Video: Detailed instructions on how to use the iGPSPORT BSC100S, covering basic operation, interface description, and

## 6. FUNCTION SETTINGS

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

### 6.1 E1: Unpairing Device

When "E1" blinks, short press the left button to unpair the device from any connected mobile phone. The device will restart after unpairing.

### 6.2 E2: Setting Time Zone

When "E2" blinks, short press the left button to set the time zone. Use the right button to adjust the hour value. Short press the left button to move to the next part (minutes) and adjust with the right button. Long press the right button to exit setting mode once completed.

### 6.3 E3: Sensor Connection

When "E3" blinks, short press the left button to initiate a search for ANT+ sensors (Power, Cadence, Heart Rate, Speed). The device will display connected sensors on the screen.

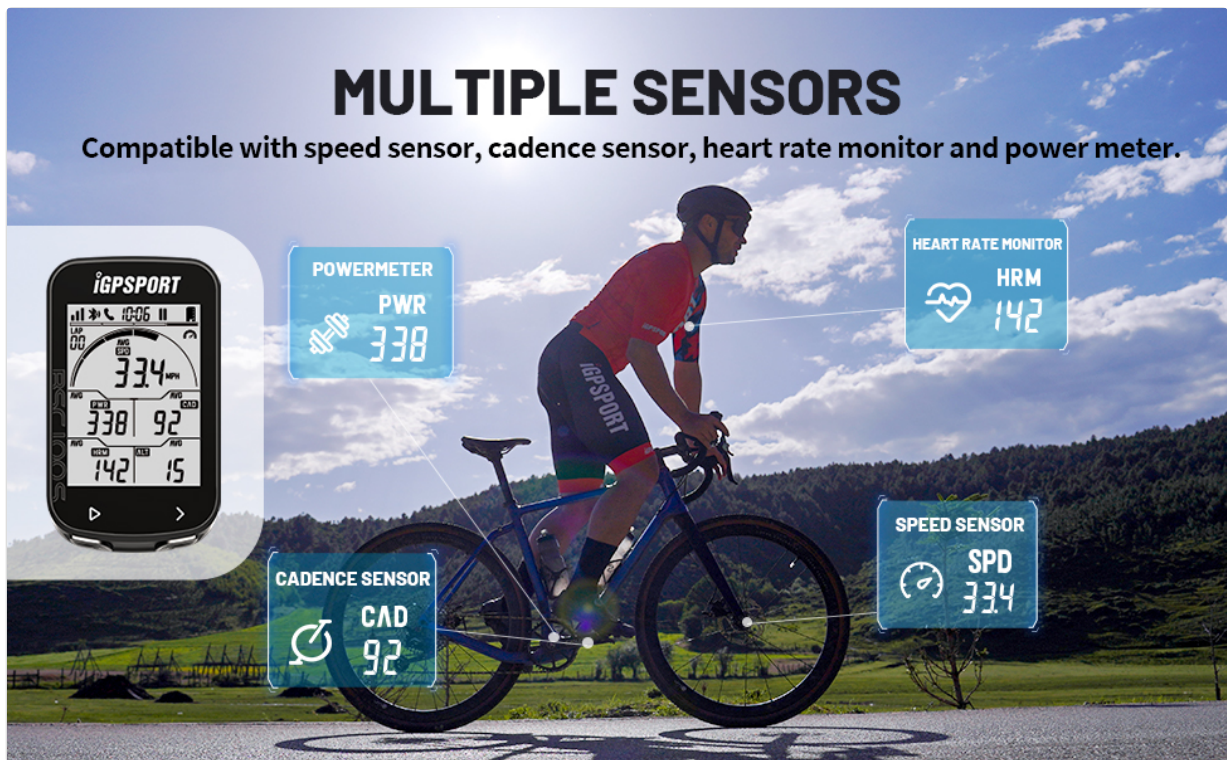


Image: Graphic illustrating ANT+ sensor compatibility with the iGPSport BSC100S.

### 6.4 E4: Setting Wheel Diameter

When "E4" blinks, short press the left button to set the wheel diameter value. Use the right button to adjust the value. Short press the left button to move to the next digit. Long press the right button to exit setting mode once completed. Refer to your bicycle's specifications or a wheel size chart for the correct value.

### 6.5 E5: Setting Metric/Imperial Units

When "E5" blinks, short press the left button to select between metric (KM) or imperial (MI) units. Use the right button to toggle between the options. Long press the right button to exit setting mode.

## 7. DATA MANAGEMENT

### 7.1 iGPSPORT APP Connection and Data Upload

To manage and analyze your ride data, download the official iGPSPORT APP:

- For Android: Search "iGPSPORT" in the Google Play Store.
- For iPhone: Search "iGPSPORT" in the Apple App Store.

Once installed:

1. Ensure Bluetooth and internet are enabled on your mobile phone.
2. Open the iGPSPORT APP and select "Add device".
3. When your BSC100S is found, select "Connecting" and confirm pairing.
4. Complete your personal information within the app for calorie calculation and training assistance.
5. The uploaded activity can be viewed from "Device-Data Management" in the app.
6. To manually upload an activity, select the start icon at the right side of each activity in the app.
7. To enable automatic activity sync, go to the "Device" page in the app and turn on "Activity Auto Sync". The cycling activity will then be uploaded automatically to the APP.

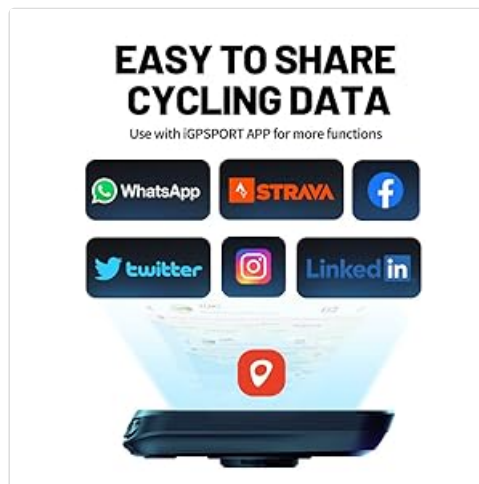


Image: Graphic showing data sharing options for the iGPSPORT BSC100S via the app.

### 7.2 Deleting Activities

In the iGPSPORT APP, navigate to your activities. Select the "✓" icon next to the activity you wish to delete. Confirm the deletion when prompted. Please note that deletion is unrecoverable.

Your browser does not support the video tag.

Video: Quick overview of the iGPSPORT BSC100S GPS Bike Computer and its main features.

## 8. SPECIFICATIONS

Feature	Specification
Brand	iGPSPORT
Model Number	BSC100S
Color	Black

Product Dimensions (L x W x H)	1.89" x 0.79" x 2.95" (48mm x 20mm x 75mm)
Item Weight	0.12 Kilograms (approx. 67g)
Screen Size	2.6 Inches
Battery Average Life	25-40 Hours
Sensor Type Compatibility	Cadence Sensor, GPS Sensor, Heart Rate Sensor, Speed Sensor (ANT+)
Battery Type	Lithium Ion
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
International Protection Rating	IPX7

## 9. MAINTENANCE

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To ensure the longevity and optimal performance of your iGPSPORT BSC100S:

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Charging:** Charge the device using a standard Type-C USB cable and a compatible power adapter. Do not use damaged cables or chargers.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Water Exposure:** While IPX7 waterproof, avoid prolonged submersion or high-pressure water jets. Ensure the charging port cover is securely closed.

## 10. TROUBLESHOOTING

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If you encounter issues with your BSC100S, try the following:

- **Device Not Powering On:** Ensure the battery is charged. Connect to a power source and try again.
- **No GPS Signal:** Ensure you are in an open area with a clear view of the sky. Allow several minutes for initial satellite acquisition.
- **Sensor Not Connecting:** Check that the sensor is powered on and within range. Ensure the sensor is compatible (ANT+). Try re-pairing the sensor via the E3 setting.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the device and your phone. Try unpairing (E1 setting) and re-pairing through the iGPSPORT APP.
- **Incorrect Data:** Verify that your wheel diameter (E4 setting) and units (E5 setting) are correctly configured.
- **App Sync Problems:** Ensure your phone has an active internet connection and the iGPSPORT APP is up to date. Check if "Activity Auto Sync" is enabled in the app.

## 11. WARRANTY AND SUPPORT

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The iGPSPORT BSC100S comes with a 2-year warranty and lifetime support from iGPSPORT. For further

assistance, technical support, or warranty claims, please refer to the contact information provided on the official iGPSPORT website or within the iGPSPORT APP.

You can also visit the [iGPSPORT Store on Amazon](#) for more product information and support resources.