



Manuals.plus /

› YIWENG /

› YIWENG GPS Chip Module User Manual

YIWENG V900-02

YIWENG GPS Chip Module User Manual

Model: V900-02

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your YIWENG GPS Chip Module. Designed for compatibility with V900 and V020 bait boats, this module offers precise location tracking to enhance your fishing experience.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1 x YIWENG GPS Chip Module
- 1 x Protective Paper
- 1 x GPS Connection Cable

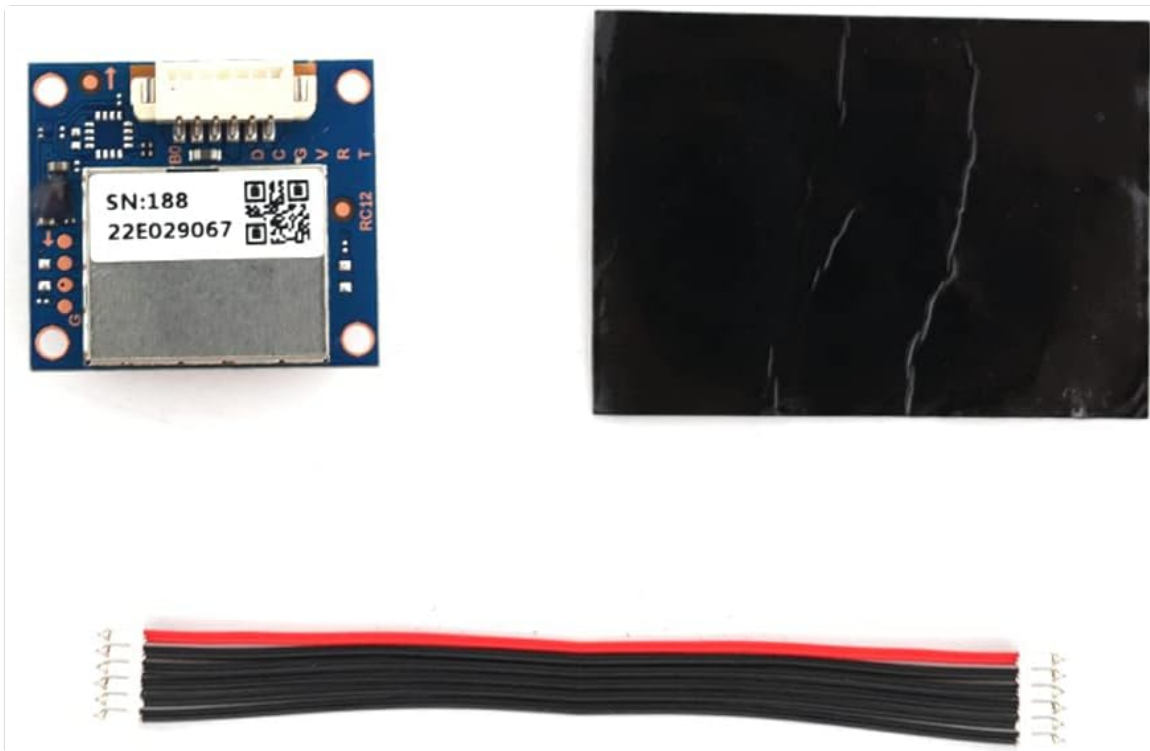


Figure 2.1: Included components of the YIWENG GPS Chip Module package. This image shows the GPS module, a piece of protective paper, and the multi-wire connection cable.

2.2 Key Features

- Precise GPS location tracking.
- Easy integration with V900 and V020 bait boats.
- Durable fiberglass construction for reliable performance.
- Compact and lightweight design.

3. SPECIFICATIONS

Attribute	Value
Model Number	V900-02
Compatibility	V900 and V020 Bait Boats
Material	Fiberglass
Net Weight	Approximately 20g
Dimensions (L x W x H)	24mm x 21mm x 4mm (approx. 2.4cm x 2.1cm x 0.4cm)

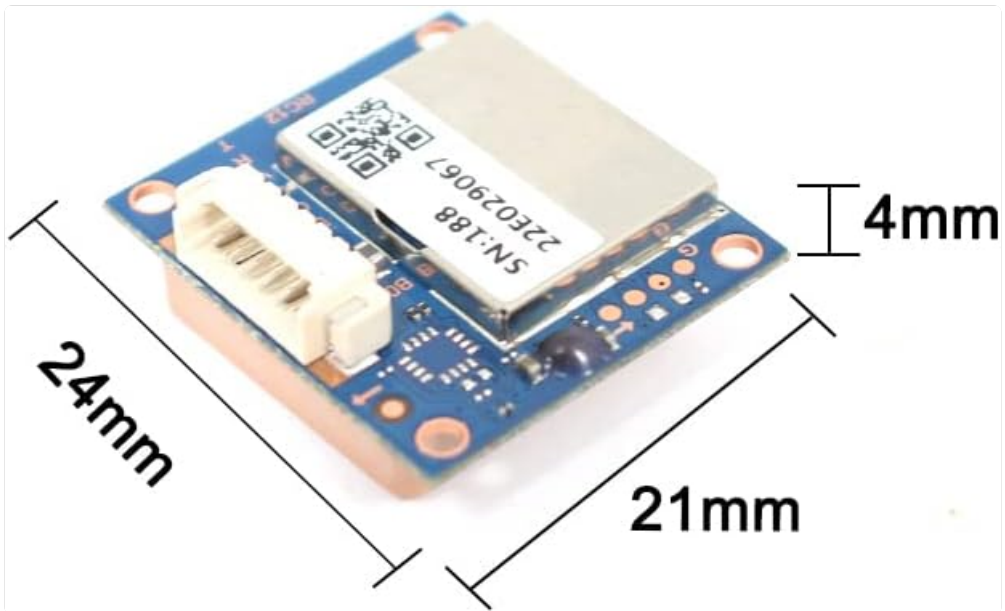


Figure 3.1: Dimensions of the YIWENG GPS Chip Module. The module measures approximately 24mm in length, 21mm in width, and 4mm in height.



Figure 3.2: Front view of the GPS module showing the connector port and serial number. The serial number is SN:188 22E029067. More info on 22E029067



Figure 3.3: Back view of the GPS module, highlighting the integrated antenna labeled ANT1.

4. SETUP AND INSTALLATION

The YIWENG GPS Chip Module is designed for easy integration into compatible bait boats (V900 and V020 models). Follow these general steps for installation:

1. **Prepare the Bait Boat:** Ensure your bait boat is powered off and disconnected from any power sources. Locate the designated compartment or port for the GPS module. Refer to your bait boat's specific manual for exact location.
2. **Connect the GPS Module:** Carefully align the included GPS connection cable with the port on the YIWENG GPS Chip Module. Gently push to ensure a secure connection.
3. **Install in Bait Boat:** Connect the other end of the GPS connection cable to the corresponding port within your bait boat. Secure the GPS module within the boat's compartment, ensuring it is stable and not prone to movement during operation.
4. **Apply Protective Paper (Optional):** If desired, use the provided protective paper to cover or insulate the module, depending on the bait boat's internal design and environmental conditions.
5. **Test Functionality:** After installation, power on your bait boat and follow its instructions to verify that the GPS module is recognized and functioning correctly. Check for accurate location readings.

Note: For detailed installation instructions specific to your bait boat model, please consult the bait boat's original user manual.

5. OPERATING THE GPS MODULE

The YIWENG GPS Chip Module operates as an integrated component within your V900 or V020 bait boat. Its primary function is to provide precise location data to the boat's control system.

- **Automatic Operation:** Once installed and powered, the GPS module automatically acquires satellite signals to determine its current location.
- **Location Tracking:** The module continuously transmits location data to the bait boat's navigation system, enabling features such as automatic return, waypoint navigation, and precise bait dropping.
- **Signal Acquisition:** For optimal performance, ensure the bait boat has a clear view of the sky to facilitate quick and accurate GPS signal acquisition. Avoid operating in areas with dense overhead cover (e.g., thick forests, tunnels).

Tip: Refer to your bait boat's manual for instructions on how to utilize the GPS features, such as setting waypoints or activating auto-return functions.

6. MAINTENANCE

To ensure the longevity and optimal performance of your YIWENG GPS Chip Module, follow these maintenance guidelines:

- **Keep Dry:** Although designed for outdoor use within a bait boat, avoid direct exposure to excessive moisture or submersion. Ensure the bait boat's compartment housing the module remains dry.
- **Clean Gently:** If necessary, gently wipe the module with a dry, soft cloth to remove dust or debris. Do not use harsh chemicals or abrasive materials.
- **Inspect Connections:** Periodically check the connection cable and module port for any signs of wear, corrosion, or loose connections.
- **Storage:** When not in use for extended periods, store the bait boat (and thus the module) in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No GPS signal / Inaccurate positioning	Poor satellite visibility; Loose connection; Module malfunction.	Ensure clear view of the sky. Check cable connections. If problem persists, contact support.
Module not recognized by bait boat	Incorrect installation; Damaged cable/port; Incompatibility.	Re-check installation steps. Inspect cable and ports for damage. Confirm bait boat model compatibility.
Intermittent signal loss	Environmental interference; Loose connection.	Move to an open area. Secure all connections.

8. WARRANTY AND SUPPORT

YIWENG products are manufactured with high-quality materials and undergo strict quality control.

While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or inquiries regarding replacement parts, please contact your retailer or the YIWENG customer service department through their official channels.

Provide your product model number (V900-02) and a detailed description of the issue when seeking support.