

# FLYSKY

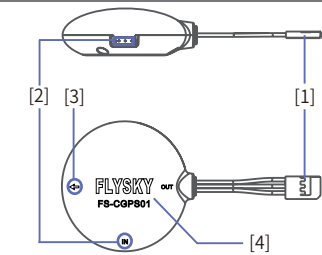
## FS-CGPS01

### 产品说明书

#### 产品介绍

- FS-CGPS01 采用 NEO-M8Q 芯片，支持 GPS、伽利略、北斗等多个卫星系统，具有高灵敏性，采集时间短，抗干扰能力强及使系统保持低功耗等特点。

#### 产品概览



- [1] i-BUS 输出接口
- [2] i-BUS 输入接口
- [3] 安装方位指示
- [4] Logo 贴纸

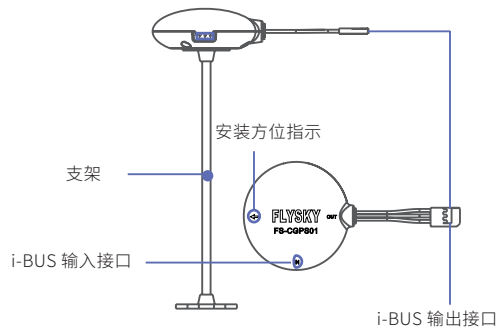
**注：**本款 GPS 可以选配支架进行搭配使用，具体内容详见官网。

#### 基本参数

- 产品名称：FS-CGPS01
- 主芯片：NEO-M8Q
- 通道数：72
- 支持卫星系统：GPS | 伽利略 | 北斗
- 搜星数：> 12 颗
- 跟踪：-167dBm
- 捕获：-160dBm
- 冷启动：-148dBm
- 热启动：-157dBm
- 冷启动时间：平均 26s
- 热启动时间：平均 1s
- 定位精度：0.3 degrees
- 测速精度：0.05 m/s
- 时间精度：RMS 99% 30ns
- LED 显示：有
- 频率范围：1559MHZ ~ 1606 MHZ
- 更新频率：10Hz
- 数据格式：i-BUS
- 工作电压：4.0 ~ 8.4V
- 温度范围：-15℃ ~ +60℃
- 湿度范围：20% ~ 95%
- 外形尺寸：52.4\*50\*18.5mm
- 机身重量：30g
- 认证：CE, FCC

#### 注意事项

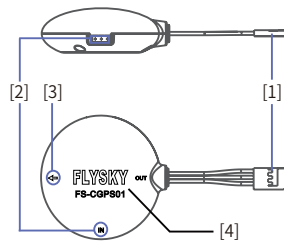
- 使用前必须确保本产品与模型安装正确，否则可能导致模型发生严重损坏；
- 保持 GPS 水平安装，尽量高于机身安装，远离大电流强磁物体；
- 请不要暴力损坏物品；
- 如不安装支架使用，请将本 GPS 固定到模型机架上；
- 如需安装支架使用，请将本 GPS 固定在支架上并保持如下安装状态。



#### Introduction

- The FS-CGPS01 adopts NEO-M8Q chip, supports GPS, Galileo, Beidou and other satellite systems, and features high sensitivity, short acquisition time, strong anti-interference ability and low power consumption.

#### Product Overview



- [1] i-BUS output port
- [2] i-BUS input port
- [3] Installation orientation indication
- [4] Logo sticker

**Note:** This GPS can be used with an optional bracket. Visit our official website for details.

# FLYSKY



微信公众号



Bilibili



Website



Facebook

Manufacturer: ShenZhen FLYSKY Technology Co., Ltd.

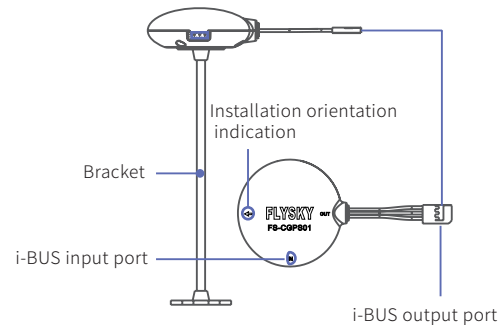
Address: 16F, Huafeng Building, No. 6006 Shennan Road, Futian District, Shenzhen, Guangdong, China

## Product Specification

- Product Name: FS-CGPS01
- Master Chip: NEO-M8Q
- Number of Channels: 72
- Satellite Systems Supported: GPS | Galileo | Beidou
- Number of Satellites Searched: > 12
- Tracking: -167dBm
- Capture: -160dBm
- Cold Start: -148dBm
- Hot Start: -157dBm
- Cold Start Time: Average 26s
- Hot Start Time: Average 1s
- Positioning Accuracy: 0.3 degrees
- Accuracy of Speed Measurement: 0.05 m/s
- Time Accuracy: RMS 99% 30ns
- LED: Yes
- Frequency Range: 1559MHZ ~ 1606 MHZ
- Update Frequency: 10Hz
- Data Format: i-BUS
- Operating Voltage: 4.0 ~ 8.4V
- Temperature Range: -15°C ~ +60°C
- Humidity Range: 20% ~ 95%
- Dimensions: 52.4\*50\*18.5mm
- Weight: 30g
- Certification: CE, FCC

## Attention

- Ensure that the product and model are installed correctly before use, otherwise the model may be seriously damaged.
- Keep the GPS installed horizontally, install it higher than the machine body as far as possible, and keep it away from high current and strong magnetic objects;
- Avoid overexertion to damage any objects;
- If the bracket is not installed, please fix the GPS to the model frame .
- If you need to install the bracket, please fix the GPS on the bracket and keep the following installation status.



## Certification

### FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

### EU DoC Declaration

Hereby, [ShenZhen FLYSKY Technology Co., Ltd.] declares that the Radio Equipment [FS-CGPS01] is in compliance with RED 2014/53/EU.

The full text of the EU DoC is available at the following internet address: [www.flyskytech.com/info\\_detail/10.html](http://www.flyskytech.com/info_detail/10.html)

### RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Environmentally friendly disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

