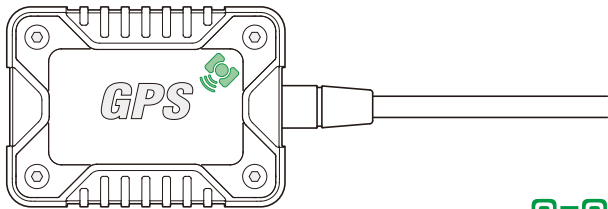


COLUMBUS™



*V-800* MARK III

GNSS Receiver / GNSS 接收器

Quick Start 快速上手



Multi-GNSS



## Software Download 软件下载

Please visit the following address to download the driver and software before use.

使用前请前往以下地址下载驱动和软件。

[cbgps.com/v800iii/q](http://cbgps.com/v800iii/q)

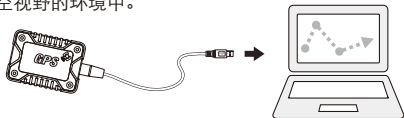


This product is not waterproof.  
请注意，本产品不防水。

## Getting Started 开始使用

Connect the receiver to the terminal equipment and place the receiver in an open air to get positioned.

将接收机连接至终端设备，并将接收机放置于有良好天空视野的环境中。



The indicator LED displays the status: LED "always ON" when power ON, "Flashing" when getting positioned.

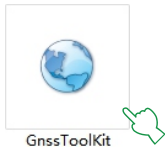
未定位时，指示灯"长亮";  
成功定位时，指示灯"闪烁"。



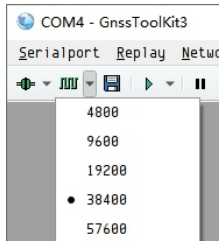
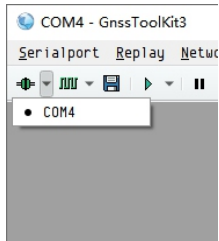
## Software Instructions 软件使用

Run "GnssToolKit".

运行 "GnssToolKit".

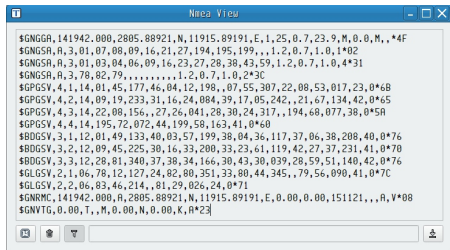


Select the port number and baud rate of the receiver.  
选择设备所在的端口号和波特率。



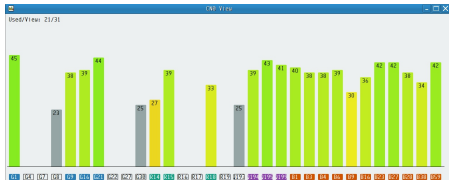
Click "View" - "NMEA" page to view NMEA data.

点击"View" - "NMEA"页面，可以查看NMEA数据。



Click "View" - "CN0" page to view the current satellite signal strength.

点击"View" - "CN0"页面，可以查看当前卫星信号强度。



Click "View" - "Configuration" to set more detailed parameters. For details, please refer to the "Support" page of the official website.

[cbgps.com/v800iii/support\\_en.htm](http://cbgps.com/v800iii/support_en.htm)

点击"View" - "Configuration", 可设置更详细的参数。详见“配置与支持”页面：

[cbgps.com/v800iii/support.htm](http://cbgps.com/v800iii/support.htm)

## Specifications 产品规格

Interface / 数据接口	USB 2.0 (PL2302 USB-to-Serial Bridge Controller / USB转串口控制器)
Constellations / 卫星系统	GPS, BeiDou, GLONASS / GPS, 北斗, 格洛纳斯
NMEA message(default) / 输出语句(默认)	GNGGA, GNGSA, GPGSV, BDGSV, GLGSV, GNRMC, GNVTG
Acquisition times / 定位能力 *	Hot start: 1s, Warm start: 34s, Cold start: 35s / 热启动: 1秒, 温启动: 34秒, 冷启动35秒
Accuracy / 定位精度 *	Horizontal: 2.0m/CEP(50%); 8.0m/CEP(95%)
Data format / 数据格式	NMEA-0183 Ver 3.01
Baud rate & update rate / 波特率和更新率	38,400 bps & 1Hz (default), 2, 5, 10Hz (selectable) / 38,400bps & 1Hz (默认), 2, 5, 10Hz (可选)
Datum / 测地系	WGS84
Dimensions(W×H×D) / 外型尺寸(宽x高x厚)	Approx. 46.0×33.0×11.7mm / 约 46.0×33.0×11.7毫米
Average power consumption / 功耗	Approx. 300mW / 约300毫瓦

\* Tested at relatively open view to the sky / 测试环境为有较开阔天空视野的地方。

Appearance and performance of the product described herein are subject to change without notice. 本指南所描述的外观及性能, 可能在未告知的情况下变更。