OpenRTK 330

Low cost high precision GNSS/INS module

OpenLink User Manual

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Wuxi, China
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Contents

1. Overview

1.1. What is Openlink

Openlink is a tool for forwarding stream. OpenLink can input data from any channel of network, serial port and file, and output data from any channel of network, serial port and file. It supports reading RTCM and ublox files and sending them to other streams. It can also be used to modify the position information in RTCM.
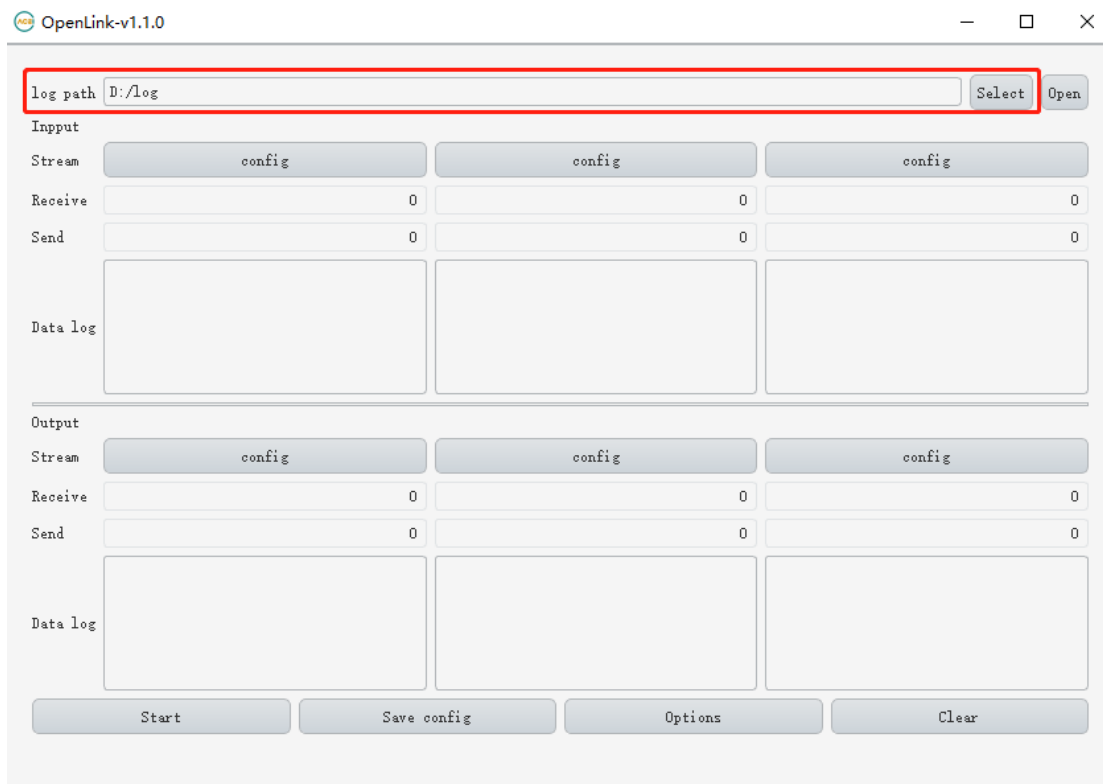
1.2. OpenLink support building base stations

Openrtk330 can be used to build base station by OpenLink. First, connect openrtk330 through the serial port, read the RTCM data of openrtk330 from the serial port, then modify the position information to the accurate position through OpenLink, and then send it to the network as an ntrip caster.

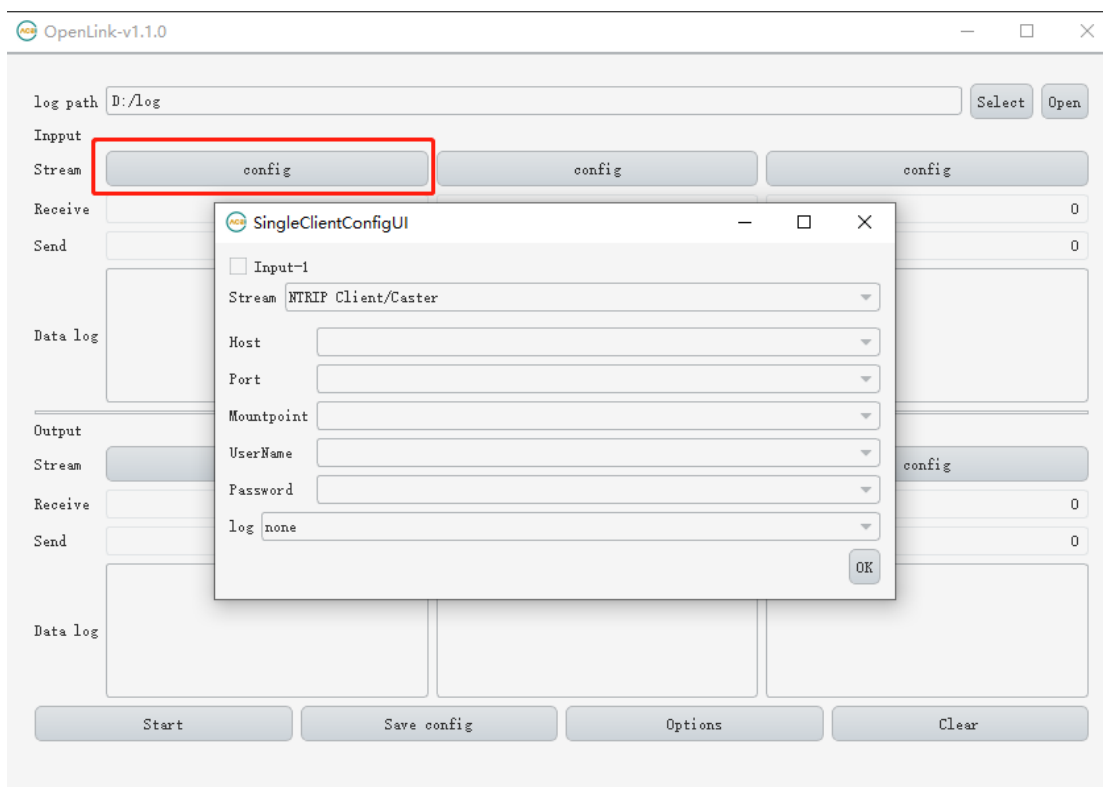Openlink download：https://github.com/Aceinna/openrtk_core/releases

2. Instructions

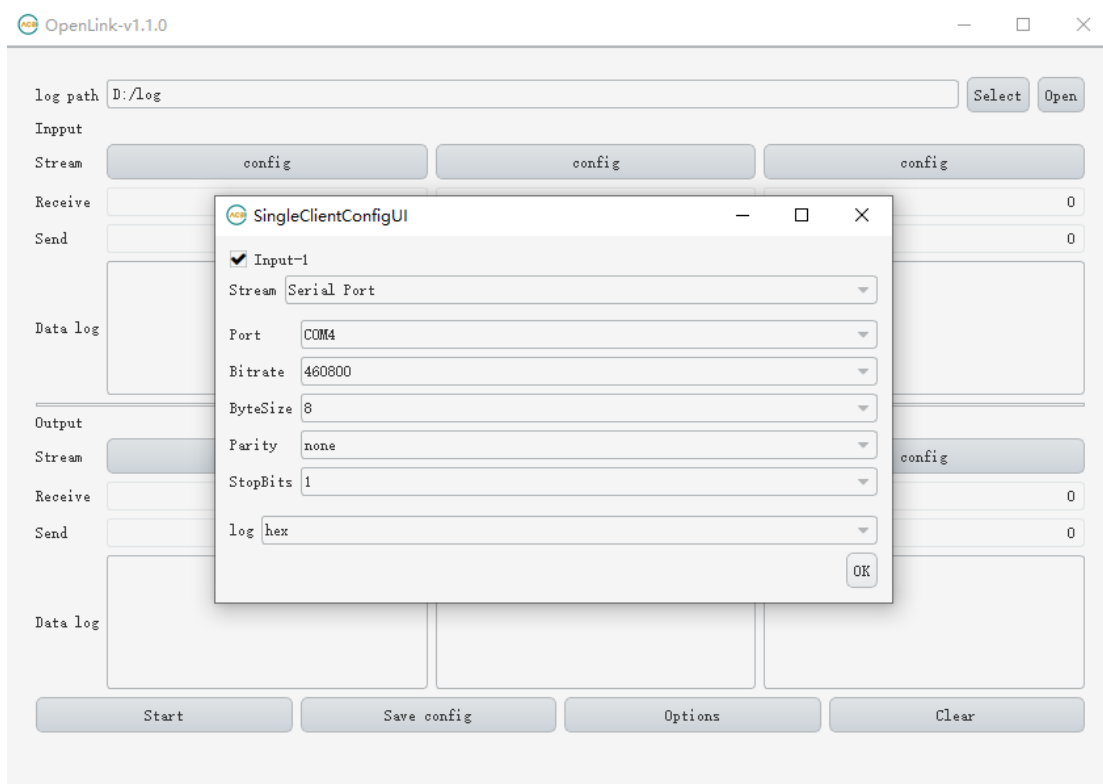## 2.1. Use openrtk330 as a base station by Openlink
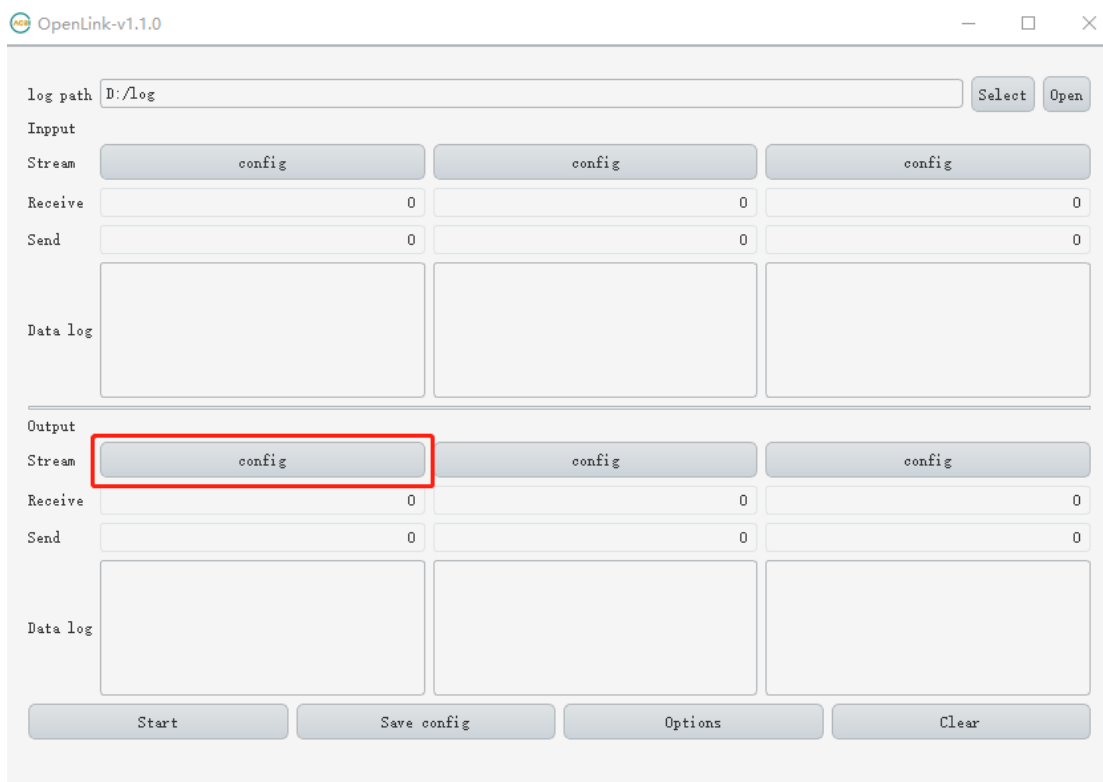
Select a path to save log file.

Connect openrtk330 serial port to computer, click the first [config] button of [Input] [Stream] open
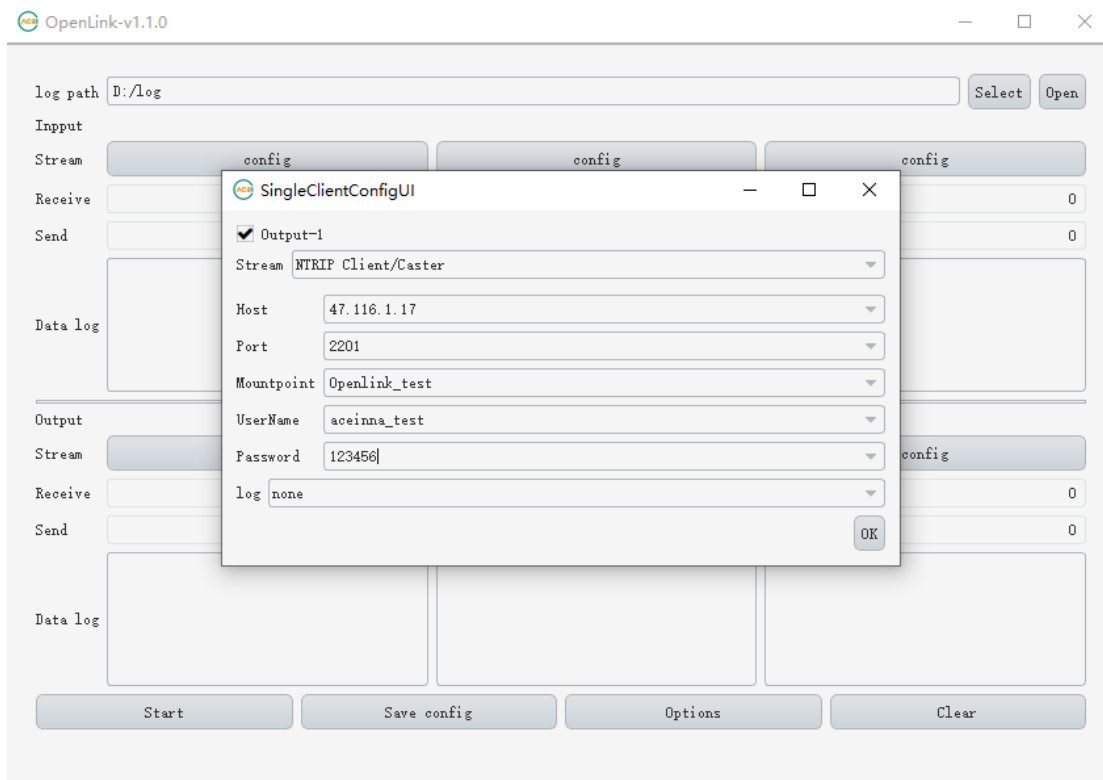
the configuration dialog.

Check the [Input-1], select [Serial Port] for [Stream], select the second serial port, select 460800 for

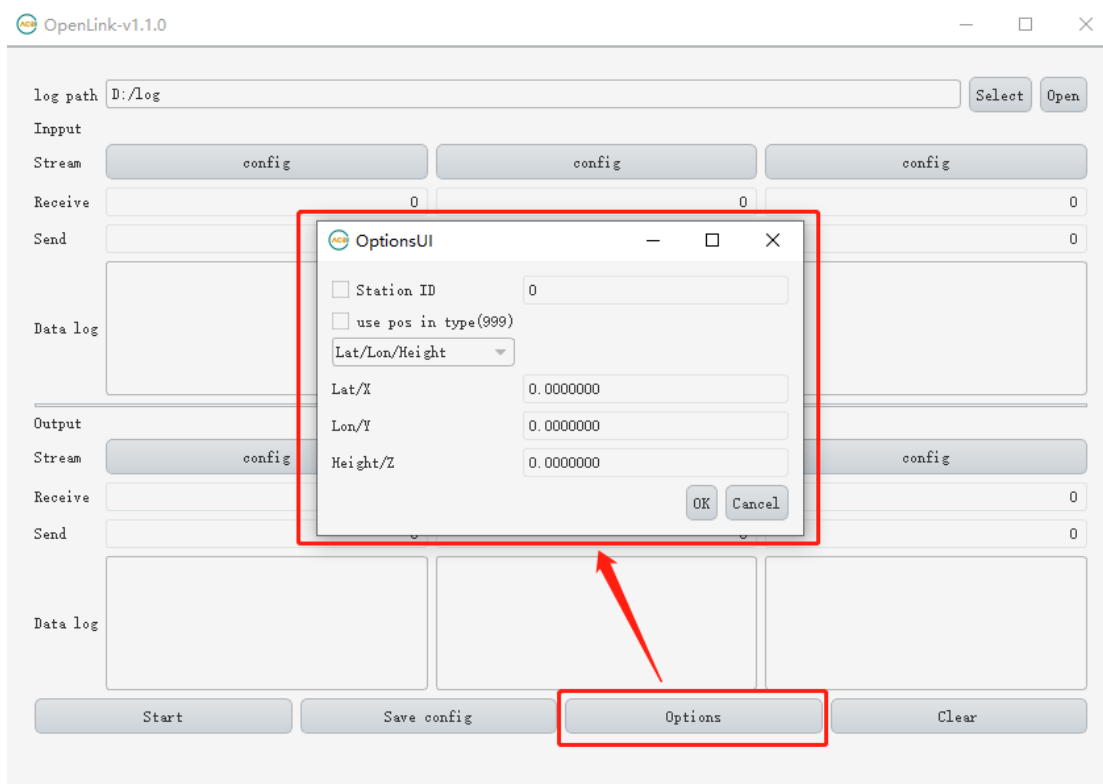[Bitrate], finally, click the [OK] button.

Click the first [config] button of [Output] [Stream] open the configuration dialog.
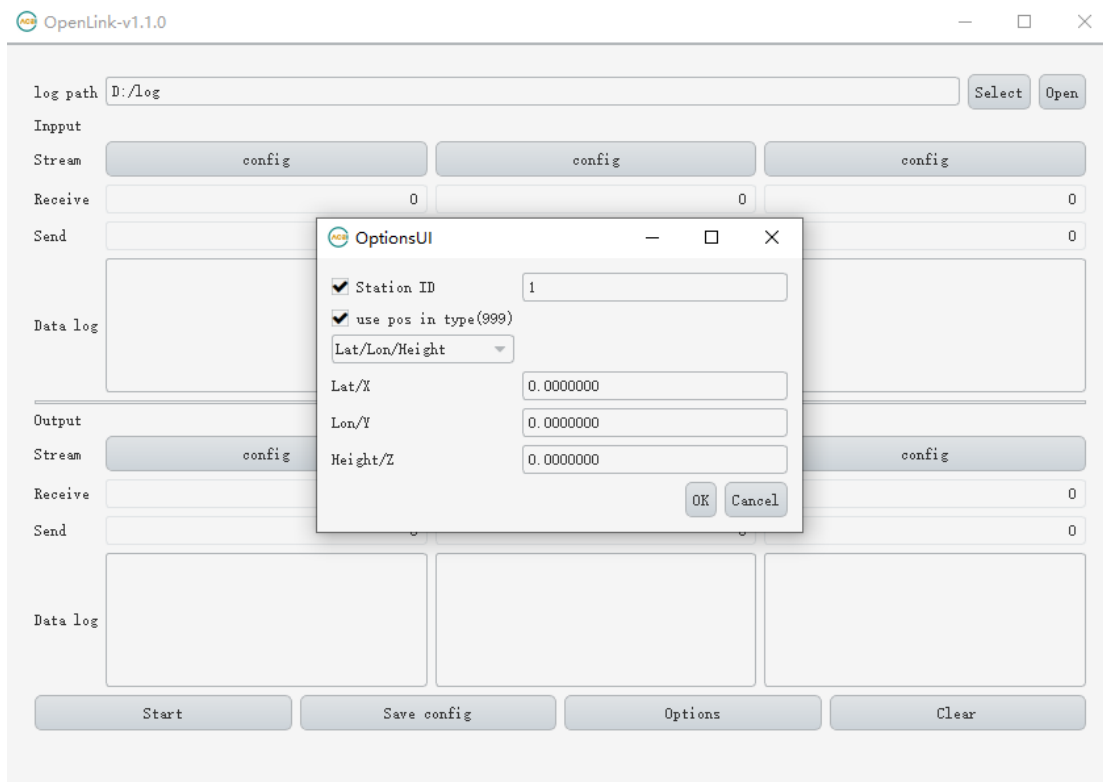

Check [Output-1], select [NTRIP Client/Caster] for [Stream] , input [Host], [Port] , [Mountpoint] and so on, click the [OK] button.

Click [Options] to open the station's configuration dialog window.

Check the [Station ID] and input station id，input latitude, longitude and height when selected [Lat/Lon/Height] or input x , y and z when selected [X/Y/Z], if [use pos in type(999)] is checked, the position in type 999 will be used.

Click [start] to upload data as a base station.