

D30

## Configuration Instructions



**Alien Gnss**

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# 1、 Abstract


This paper mainly introduces configuration of R30-NET receiver connect with D30 device.

## 2、 Device Configuration

### 2.1、 Configuration of D30 Device


D30 is a radio transmitting module. The distance of transmitting is related to environment and altitude of radio antenna installation

Hardware needs of D30 configuration:

No.	Name	Volume	Note	Figure
1	D30	1		
2	Laptop	1		
3	USB-SERIAL PORT Converter	1	232 Agreement	
4	Cable	1		
5	Power Adapter	12V/5A		

## 2.1.2、 Software

Software needs of D30 configuration:

1.  HX-U202配置工具.exe

## 2.1.3、 D30 Device Assemble

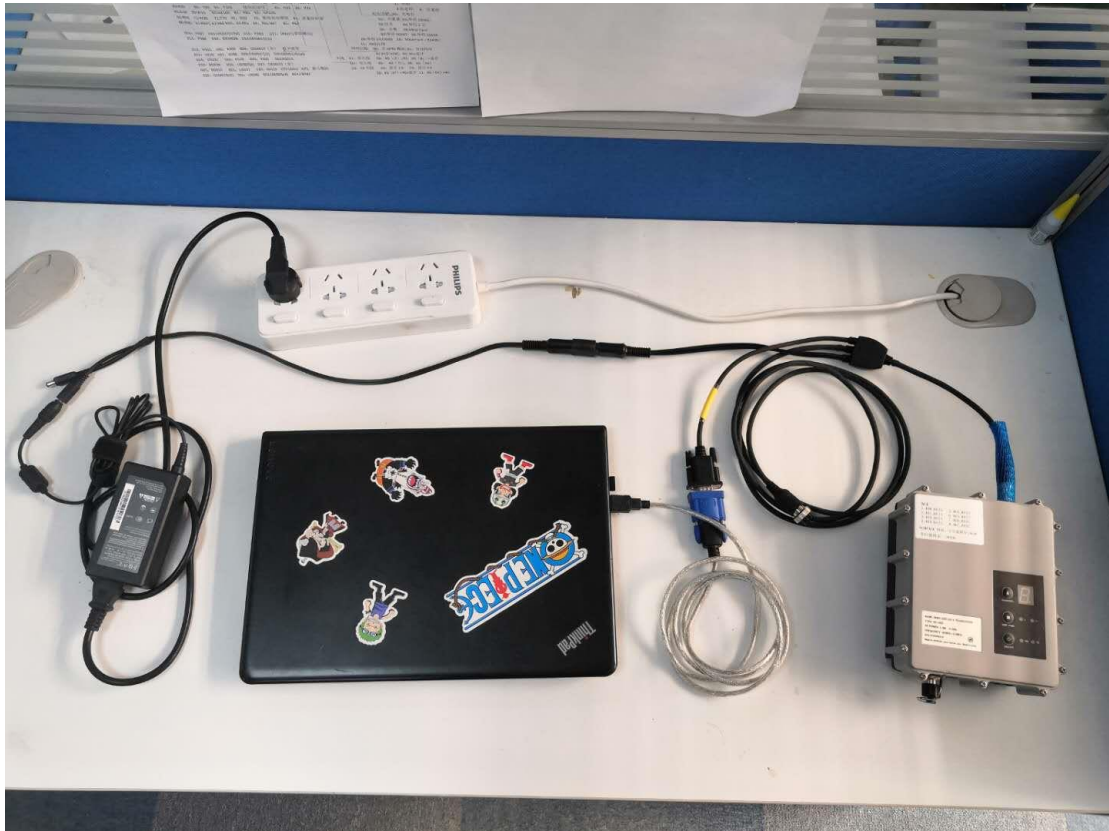


Figure 2-1

Figure 2-1 is the way of hardware assemble for configuration D30.

Note: Do not connect R30 receiver when configuration D30. It will be related cable communication occupation.

## 2.1.4、 Software Introduction

Power the device after connected. Click the software and will show as

figure 2-2:

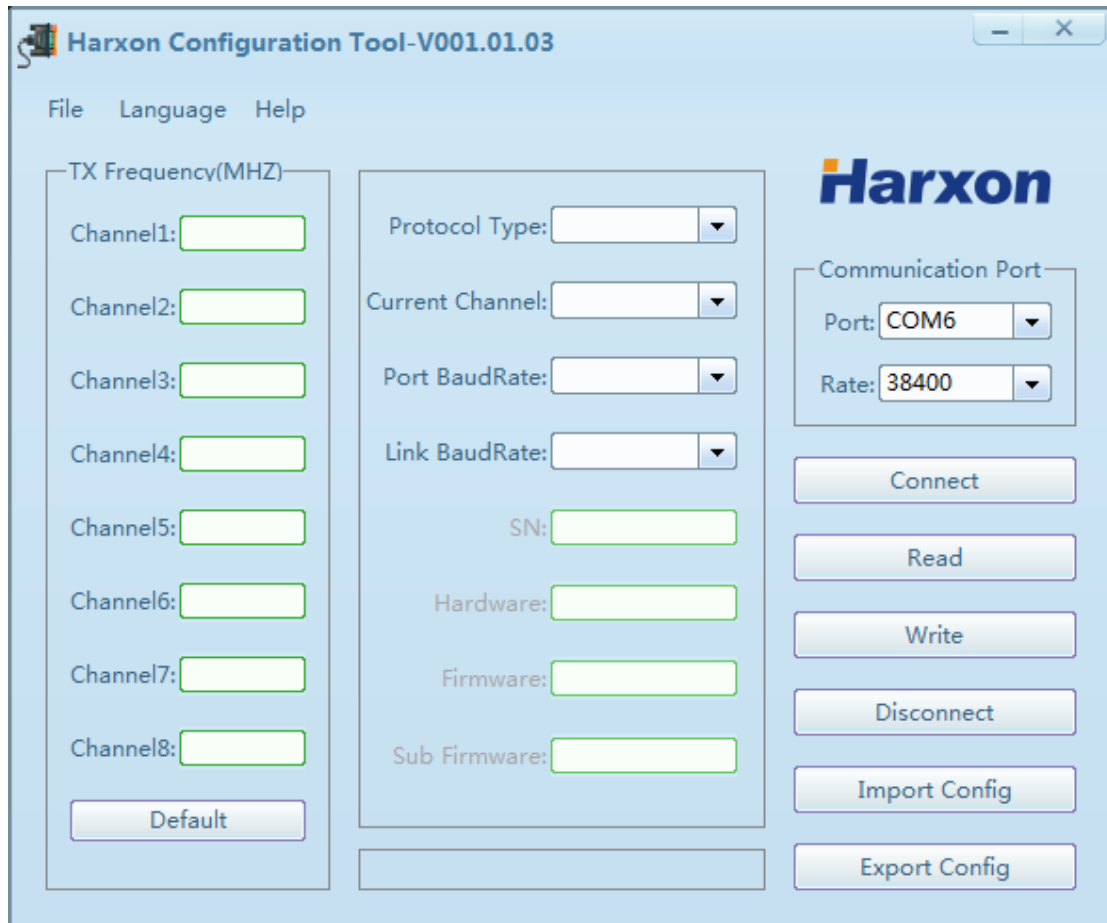
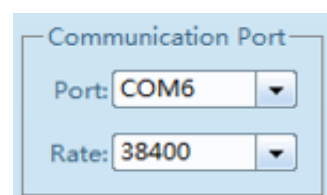


Figure 2-2

### Introduction of software zone

1. In this zone, choose the communication port and rate between laptop and D30. Port is the port of which USB-SERIAL converter identify on laptop. The original rate is 38400.
2. Connect: Software connect to D30 through this button.

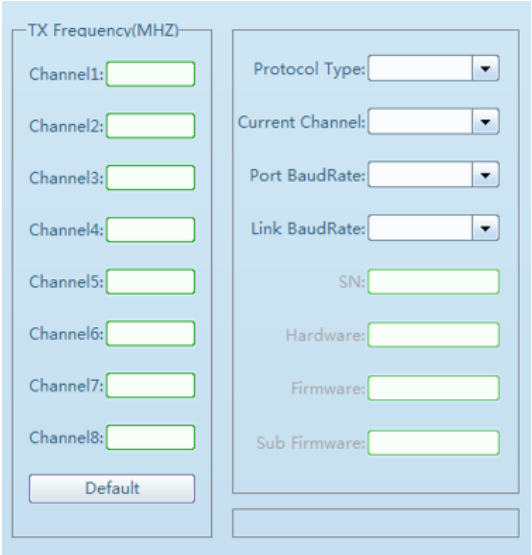
Read: Read D30 setting original data.



Write: Input data which after change to D30 module.

Disconnect: Disconnect  
between D30 and software.

Export Configuration: Save  
D30 configuration data as cfg  
format to laptop.



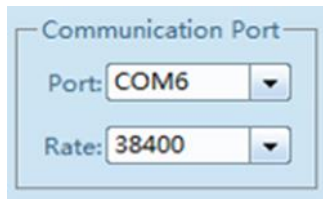
Import Configuration: Directly import D30 cfg format  
configuration data to D30 module.

3. These two zones are set data of D30. User could inquire or change  
D30 configuration data.

### **2.1.5、 The Use of Software**

Before using software, please double check hardware connecting and  
power. Operation step show as blow:

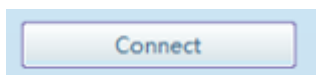
Step 1: Choose right port and rate.



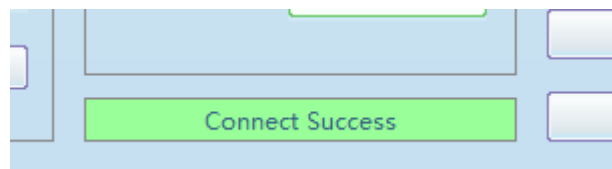
Port: Choose the port No. of laptop distribution for USB-Serial Port converter in auto.

Rate: Original rate is 38400. (It will have mark on device if have change)

Step 2: Power off and restart.



Click connect button in 3 second after power off and restart. It will have point to show connect status at the bottom of software.



It means software connect successful when point connect success.

Step 3: Read

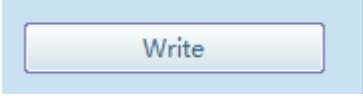


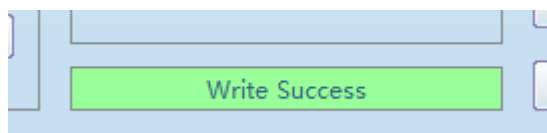
Read D30 set data:



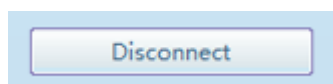
Figure 2-3

D30 stand data show in figure2-3, change the data if it is read form software different with figure 2-3.

Click write after change data  , t means data change successful when bottom of software show write success.



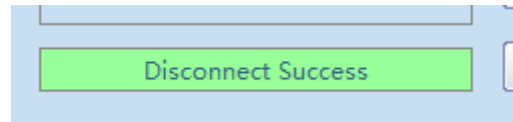
Click disconnect before exit software even did not change data.



, Close software when bottom of software



show disconnect success.



These are way of D30 device data read and change operations.



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