

Dear customer,

Regarding your issue, please refer the following:

Q001: How do I establish a connection between SH-B50L and SH-L1A?

A:

Step 1: you need to set the configuration switch of SH-B50L/SH-L1A to "Config" Mode first.



Step 2: Download the configuration software

Please download the "DSD TECH Lora" software from the following URL:

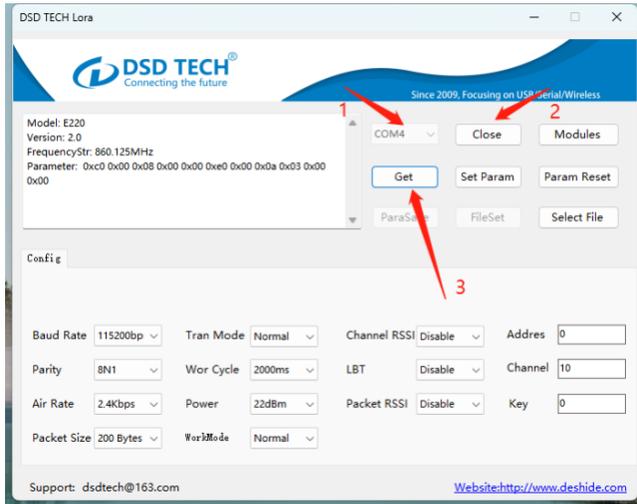
https://www.deshide.com/News-detail_DSDTechLora.html

Step 3: Use your PC to establish a serial connection with the Lora adapter

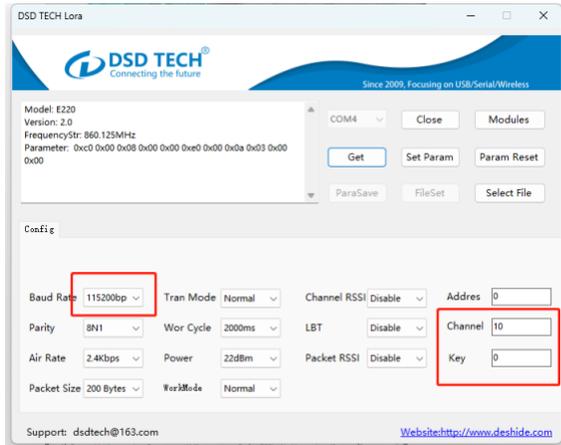
SH-B50L: You need an additional USB to RS485 or USB to DB9 serial adapter. For example, SH-U10 or SH-U11 .

SH-L1A: The SH-L1A has a built-in serial chip that allows a serial connection to be established directly.

Open the DSD TECH Lora software and select Serial Port, then open Serial Port and click Get Configuration.



Step 4: To realize a basic connection you need to pay attention to the following configuration parameters

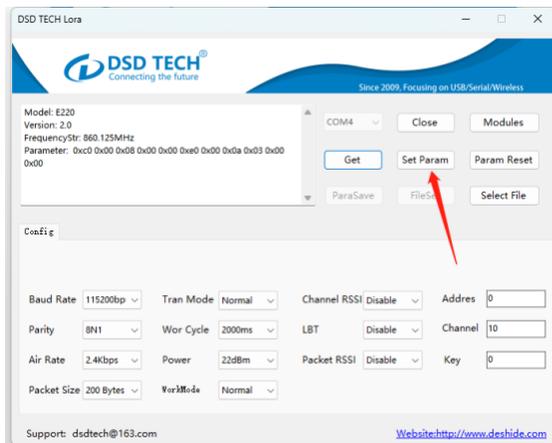


Baud rate setting: The default baud rate is 9600 .If your sensor/node baud rate is 115200 at the same time you need to modify the corresponding baud rate in DSD TECH Lora.

Channel Setting: B50L/L1A in the same channel can only communicate, e.g. B50L/L1A in channel 10 will not communicate with B50L/L1A in channel 11 as shown in the figure.

Key setting: B50L/L1A with the same key in the same channel can communicate, so B50L/L1A that need to communicate must set the same key, and the key will be hidden after clicking Configure, and it will be hidden and show the value of 0 after re-reading Configure, so please pay attention to this point.

Step 5: Configure the application, you need to click Set param to configure the write after configuring the finished parameters



The configuration switch needs to be toggled to the "RUN" mode after the configuration has been written.



At this point you can use the serial port software to simulate sending for testing.

Q002: What should I do if the delay between Lora devices is too long?

Please refer to the following link:

<https://docs.qq.com/doc/DUkVXaFdUTlBTRWZh>

Q003:Lora Software Introduction

<https://docs.qq.com/doc/DWVRXU1JRT2VGQVp0?nlc=1>

Q004: SH-LM10B Datasheet

<https://docs.qq.com/pdf/Dsm1NbFZtYWxJdHhq?u=001298a4ee064cf8ba95a3c5c9efc378>

Could you try it again?

if you still have problem, please tell us. DSD TECH team is always there.

Our email: dsdtech@163.com

website: <http://www.deshide.com>

Regards

DSD TECH Team