

How to set modules' channel, interface, and data format

----- Demo software instruction------

Before using our products, please make simple configuration to set the channel, interface mode and data format based on your own needs.

By our software you can read or change the module's parameter such as interface baud rate, channels and data format on your PC.

Please find the following instructions. Any question, welcome to contact us freely.

1. Channel configuration:

Channel No.	Frequency	Channel No.	Frequency
1	429.0325MHZ	5	433.0325MHZ
2	430.0325MHZ	6	434.0325MHZ
3	431.0325MHZ	7	435.0325MHZ
4	432.0325MHZ	8	436.0325MHZ

433MHz default

450MHz default

Channel No.	Frequency	Channel No.	Frequency
1	450.0325MHZ	5	454.0325MHZ
2	451.0325MHZ	6	455.0325MHZ
3	452.0325MHZ	7	456.0325MHZ
4	453.0325MHZ	8	457.0325MHZ

470MHz default

Channel No.	Frequency	Channel No.	Frequency
1	460.0325MHZ	5	464.0325MHZ
2	461.0325MHZ	6	465.0325MHZ
3	462.0325MHZ	7	466.0325MHZ
4	463.0325MHZ	8	470.0325MHZ

Note: frequency points for each channel is pre-written. You can only change to different channel. The above is our default frequency point for each channel



2. The procedure to set module's parameter.

2.1 Connect PC and the module by our program cable.

(For example RS232 module, connect RS232 to PC's RS232 port. TTL interface module needs to use our program cable connect with PC's RS232 and USB interface, too. RS485 interface needs to use a RS232-RS485 converter to connect PC.

2.2 Click"Lensen" PC software, select "English":



2.3 Click "open port" (2), a small window as follows will appear. Then you can choose parameters in the columns.

Note: remember to check your PC's Com. No., then choose proper one.

TRANSCEIVER DEMO) SOFTWARE	×
File(F) Edit(E) Help(H	H)	
•	ea ?	
Model	Comunication	
Model Para Set Chno No.	Receive Hex Display Auto Cls Stop Display Cls RX Datas Ok Counter Reset	*
Uart Rate	Transmitt Manual Send Cls TX datas Auto Send TX Timeout 1000 MSEL Hex Send	*
COM1 960	00-N-1 Connect TX :0 RX:0	



2.4 Click "read paras"

"Read correct" shows your connection between data module and PC is correct.

TRANSCEIVER DEMO	O SOFTWARE
File(F) Edit(E) Help((H)
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Model	Comunication
Model KYLCOM2.0	Receive Lensen
	Auto Cls
Para Set Chno No.	Cls RX Datas
ND.6	Counter Reset
Uart Rate	Transmitt
9600 -	Manual Send Cls TX datas
	Auto Send TX Timeout 1000 MSEL - Hex Send
COM1 96	500-N-1 Connect TX :0 RX:0

The parameter shows your modules current channel, interface rate and data format.



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2.5 You could also send command 55 AA 03 56 00 00 59 (use HEX) to read our module's parameter and version No.

TRANSCEIVER DEMO	SOFTWARE
File(F) Edit(E) Help(H	
<u>*</u> • <u>*</u>	<u>?</u> 📭
Model	Comunication
Model KYLCOM2.0	Receive U?VBSP09600-F433M-C08-N-P1-V2.056
	Auto Cls
Para Set	Stop Display Cls RX Datas
	Counter Reset
Uart Rate	Transmitt 55 aa 03 56 00 00 59
	Cls IX datas
COM1 960	0-N-1 Connect TX : 27 RX : 34

This shows the module I tested is 9600bps, 433MHz, 8 channels totally, no parity, version No. V2.056.



2.6 If you want to change some technical parameters, you can do as follows.

Change parameters like channel(chno No.), interface baud rate(uart rate) or parity



mode

through the button on the left column.

Then clieck "write para" then "write correct" shows. So you finished the process of changing technical parameters.

TRANSCEIVER DEMO	SOFTWARE	×
File(<u>F</u>) Edit(<u>E</u>) Help(<u>H</u>		
1 D C C	*	
Model	Comunication	20
Model KYLCOM2.0 Para Set Chno No. NO.8	Receive Hex Display Auto Cls Stop Display Cls RX Datas	*
	Counter Reset	-
Uart Rate	Transmitt Manual Send	*
COM1 9600	CIS IX datas I Auto Send IX Timeout 1000 MSEL Image: Hex Send 0-N-1 Connect TX:27 RX:34	

Note: The RF module's speed rate (Air Rate) can not be set by the user. It is fixed before delivery. So please specify your required speed rate when you place the order.

2.7 to check communication, one side enter some words in TX data area, on the other side, RX data area can receive what you transmitted.

Thanks again for choosing our products Have a good day