

## MCU Configuration Command

All Command and parameters are Hexadecimal .

Do the following step to enter configuration mode:

First, put CONFIG pin to low level more than 3 seconds

Second, set serial port as 38400, 8, N, 1

- 1、Get module configuration parameters command  
23 A0
- 2、Response data for command 23 A0  
A2 +14 bytes data  
Format for 14 bytes data:

The first 2 bytes are module address.

The third byte is net ID, range of ID is 00 - FF.

The fourth byte is net type, 01 = mesh network, 02 = star network, 07 = peer to peer network.

The fifth byte is module type, 01 = center module, 03 = router module, 04 = terminal module.

The sixth byte is transfer mode, 01 = broadcast, 02 = master-slave, 03 = peer to peer.

The seventh byte is baudrate. 01= 1200,

## MCU Configuration Command

02 = 2400

03 = 4800

04 = 9600

05 = 19200

06 = 38400

The eighth byte is parity check, 01 = none, 02 = EVEN, 03 = odd.

The ninth byte is data bit, 01 = 8-bit, 03 = 9-bit.

The tenth byte is data format, 01 = ASCII, 02 = HEX.

The eleventh byte is serial port timeout. 1-255ms.

The twelfth byte is signal channel, 0 to 15, recommend 4, 9, 14, 15.

The thirteenth is transfer power.

The fourteenth byte is if output source address, 01 = not output, 02 = ASCII format output, 03 = HEX format output.

3、Set module configuration parameters command  
23 FE + 14 bytes configuration data

4、Configure remotely

23 CA xx xx (2 byte target address, fill FF FF if change all network)

For example, fix net ID and signal channel:

23 CA FF FF FF FF ID FF FF FF FF FF FF FF  
FF CHANNEL FF FF

## MCU Configuration Command

### 5、Quit configuration

Must put high level for CONFIG pin.

23 23

The module will restart and enter normal work mode.

### 6、Steps for configuration:

A、Get module configuration data, 23 A0

B、Copy 14 bytes data you get, get rid of the first byte A2.

C、Change the corresponding parameters

D、Add 23 FE at the latest 14 data then send to module.

E、Restart the module.