1. RTU mode:

START	No signal input ≧ 10ms
Address	Communication address: 8-bit binary
Function	Function code: 8-bit binary
DATA（n - 1）	Data contents: N*8-bit data, N<=8, max 8 bytes
……	
DATA 0	
CRC CHK Low	CRC check code
CRC CHK High	16-bit CRC check code is built up by 2 8-bit binary
END	No signal input ≧ 10ms

2. Modbus address

00H: all the Xinje XC series PLC broadcast ---- slave stations don't response.

01H: communicate with address 01H PLC

0FH: communicate with address 0FH PLC

10H: communicate with address 10H PLC…….the max address is FEH (254) **3. Function and DATA**

Function code	Function	Modbus instruction
01H	Read coil	COLR
02H	Read input coil	INRR
03H	Read register	REGR
04H	Read input register	INRR
05H	Write coil	COLW
06H	Write register	REGW
10H	Write multi-register	MRGW
0FH	Write multi-coil	MCLW

Now we use function code 06H to introduce the data format.

For example: write data to register D2 (address H0002) RTU mode:

Asking format		Response format	
Address	01H	Address	01H
Function code	06H	Function code	06H
Register address	00H	Register address	00H
	02H		02H
Data contents	13H	Data contents	13H
	88H		88H
CRC CHECK Low	25H	CRC CHECK Low	25H