COD/BOD/TSS Modbus Protocol

COD/TSS Modbus protocol

MODBUS RTU Transmission Mode

Encoding system	8-bit binary Each 8-bit byte in the protocol contains two 4-bit hexadecimal characters (0-9, A-F)
Bit per byte	1 start bit 8 data bits, the least significant bit is sent first No paritycheckbit 1 stop bit
Baud rate	9600bps
Message parsing: 32-bit floating-point number parsing method (ABCD adjusts the order of DCBA, then parsing)	
Get slave ID	**FF 03 30 00 00 01 9E D4** **FF 03 02 03 00 91 60**
Set the slave ID	**The original address is 01, the address after setting is 14** **01 10 30 00 00 01 02 14 00 99 53** **01 10 30 00 00 01 0E C9**
Gettemperature and COD **8.03℃, 10.14mg/**	01 03 26 00 00 04 4F 41 01 03 08 77 88 00 41 41 22 65 00 CRC
Get COD user calibration parameters（K=1,B=0）	**01 03 11 00 00 04 41 35** **01 03 08 00 00 80 3F 00 00 00 00 9E 12**
Set COD user calibration parameters（K=1,B=0）	**01 10 11 00 00 04 08 00 00 80 3F 00 00 00 00 81 AE** **01 10 11 00 00 04 C4 F6**
Get TSS 1 value	01 03 12 00 00 02 CRC 01 03 04 00 00 80 3F CRC
Get TSS user calibration parameters（K=1,B=0）	**01 03 34 00 00 04 CRC** **01 03 08 00 00 80 3F 00 00 00 00 9E 12**
Set TSS user calibration parameters（K=1,B=0）	**01 10 34 00 00 04 08 00 00 80 3F 00 00 00 00 F2 CB** **01 10 34 00 00 04 CF FA**
Start the brush	01 10 31 00 00 00 00 74 94 01 10 31 00 00 00 CE F5

BOD Modbus protocol

MODBUS RTU Transmission Mode

Encoding system	8-bit binary Each 8-bit byte in the protocol contains two 4-bit hexadecimal characters (0-9, A-F)
Bit per byte	1 start bit 8 data bits, the least significant bit is sent first No paritycheckbit 1 stop bit
Baud rate	9600bps
Message parsing: 32-bit floating-point number parsing method (ABCD adjusts the order of DCBA, then parsing)	
Get slave ID	**FF 03 30 00 00 01 9E D4** **FF 03 02 03 00 91 60**
Set the slave ID	**The original address is 01, the address after setting is 14** **01 10 30 00 00 01 02 14 00 99 53** **01 10 30 00 00 01 0E C9**
Gettemperature and BOD 17.69℃,17.94mg/	01 03 26 00 00 04 4F 41 01 03 08 77 88 8D 41 77 88 8F 41 CRC
Get BOD user calibration parameters（K=1,B=0）	**01 03 11 00 00 04 41 35** **01 03 08 00 00 80 3F 00 00 00 00 9E 12**
Set BOD user calibration parameters（K=1,B=0）	**01 10 11 00 00 04 08 00 00 80 3F00 00 00 00 81 AE** **01 10 11 00 00 04 C4 F6**
Start the brush	01 10 31 00 00 00 00 74 94 01 10 31 00 00 00 CE F5