
Usart protocol:

Baud rate: 9600bps, Data bits: 8bit , Stop bit : 1bit, parity : None;

The protocol data are all hexadecimal data;

[XX] represents single-byte unsigned data (0-255), high byte first, low byte after;

Data Format

Head	Len	CMD	Data1	...	Data_n	CS
16	09	01	XX	...	XX	XX

Data example:

Receive: 16 09 01 03 B9 00 1A 01 25 00 00 E4

Convert Decimal:

03→3 , B9→185

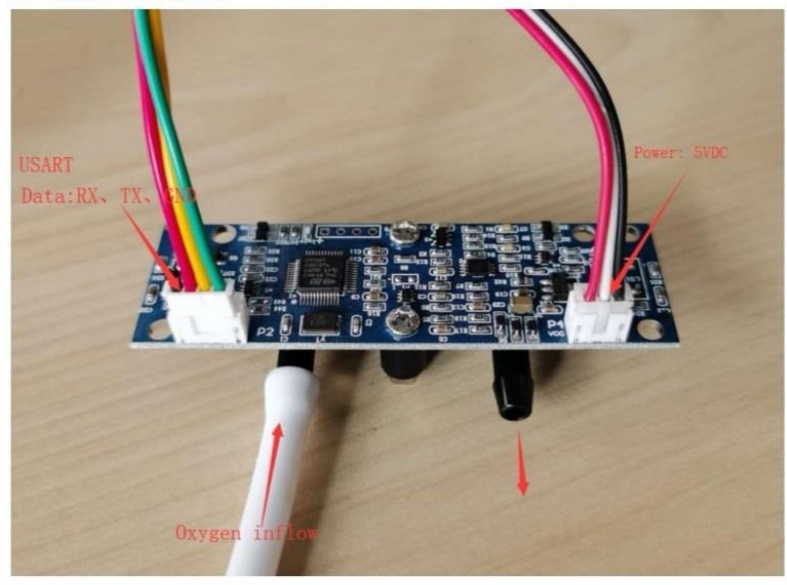
Concentration: $3 \times 256 + 185 = 953$ (95.3%) ;

00→0 , 1A→26

Flow: $0 \times 256 + 26 = 26$ (2.6L/min);

01→1, 25→37

Temperature: $1 \times 256 + 37 = 293$ (29.3℃)



Serial debugging assistant