ZH-5W3 LED Display Controller Specification

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Hardware:
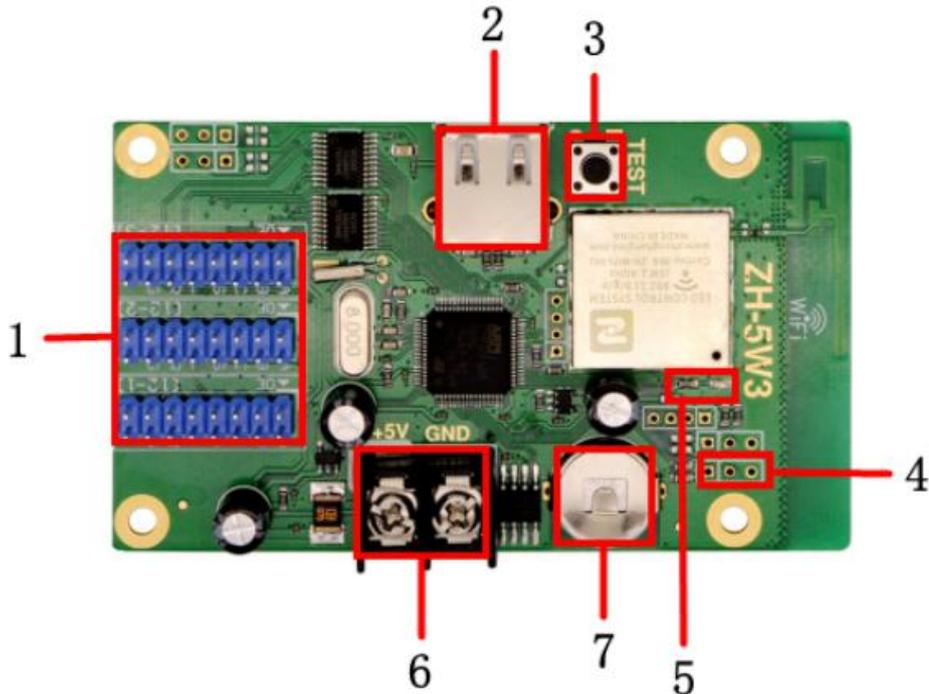
Item	Interface Name	Description
1	Hub Port	Connect hub board
2	USB Port	USB Port
3	Multi-function Button	1. Test LED panel 2. Reset to defaults
4	Sensor Port	Connect temperature sensor
5	5V Power Indicator	Indicating power state
6	5V Power Port	Voltage range support 3.2V-5.5V
7	RTC Button Battery	RTC battery, Voltage 3V

Parameter:

PC Software	**LED Control System V5.1.15**
Mobile Phone App	**ZH Mobile**
Pixel	**32*960 48*640**
Hub Port	**3*hub12**
Communication Port	**WIFI+USB**
Support Module Type	**All kinds of single/dual color LED display modules**
Software Function	**Multi-language/Multi-program/Multi-partition**
Program Number	**65536 programs, 16 partitions for each program.**
Play Type	**Text, Graphic, Animation, Time, Clock, Timer, Temperature.**
Running Side	**Over 10 kinds of running sides, support single partition running side.**
Clock Display	**Digital clock, Analog clock, Positive timing, Negative timing.**
Memory	**2 MByte**
Sensor	**Temperature sensor**
Sensor Model	**DS18B20**
Brightness Adjustment	**15 levels brightness, automatically adjust by time.**
Remote Switch	**Support timing turn on/off, turn on/off by software.**
Working Voltage	**3.2V-5.5V**
Max Power	**≤0.5W**
Working Temperature	**-30℃~70℃**
Secondary Development	**Offer development protocol**

Sensor Connection Diagram:

ZH Controller Temperature Sensor Connection Diagram

Sensor Model: DS18B20

Signal Wire ❷
Power Wire ❸
Main Wire ❶
GND Wire ❹