

**Product Specifications**

Single Color Wi-Fi Control Card

**HD-W2**

V7.1.0

1. **Overview**

W2 is a low cost, high cost-effective single color Wi-Fi controller, easy to operate, better display information, supports variety kinds of single-color display. For the door lintel screen, store screen and other places information display.

Application software: HD2020 and LedArt (APP)

1. **Connection Demo**

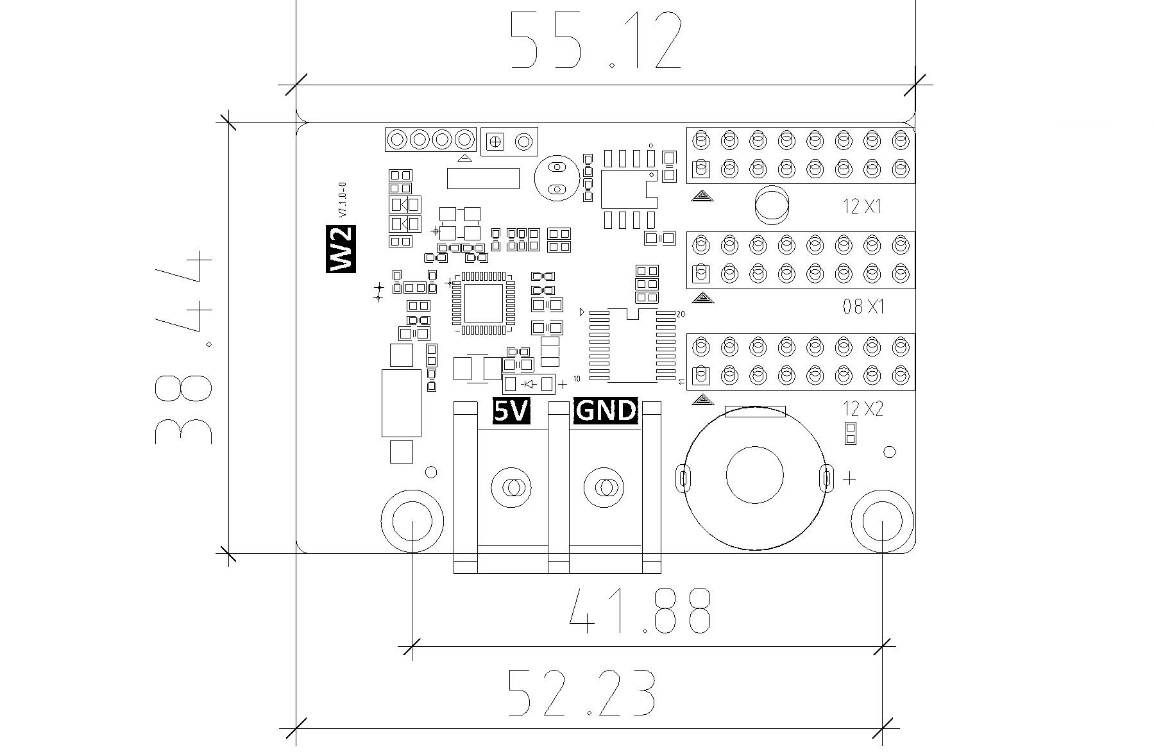
The mobile phone and laptop can be connected to the Wi-Fi hotspot of the control card to update the program.



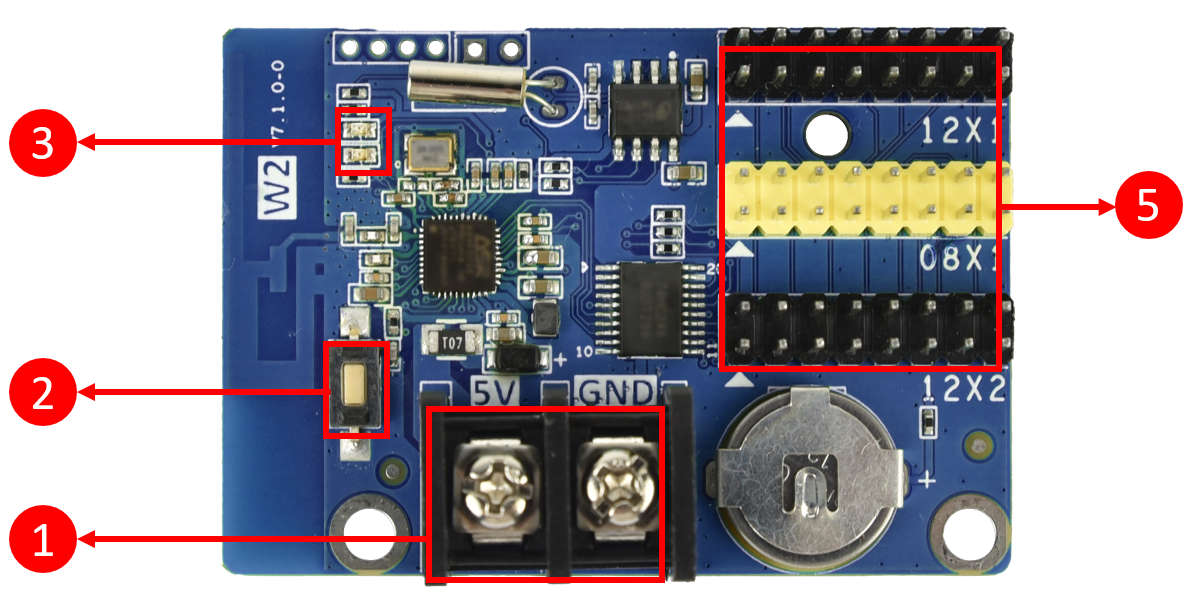
1. **Product Features**
2. Wi-Fi on board, support Mobile APP wireless.
3. Support program border, regional border settings, custom borders.
4. Support DC 2.2V~DC 7V input voltage.
5. More than 20 kinds of text effects display.
6. Adoption of special RTC chip, effective control of time accuracy.
7. **Functions List**

|  |  |
| --- | --- |
| Control range | Single-color: 512\*32, 1024\*16 |
| FLASH Capacity | 1M Byte |
| communication | Wi-Fi |
| Program Quantity | 1000 |
| Area Quantity | 20areas with separate zone, and separated special effects and border |
| Display Showing | Text, timing, Count, Lunar calendar |
| Display | Sequence display |
| Clock Function | 1.Support Digital Clock, Dial Clock, Lunar Time  2.The Font, size, color and position can be set freely  3.Support multiple time zones |
| Automatic Switch screen | Support timer switch machine |
| Dimming | Support two brightness adjustment mode |
| Power | 3W |

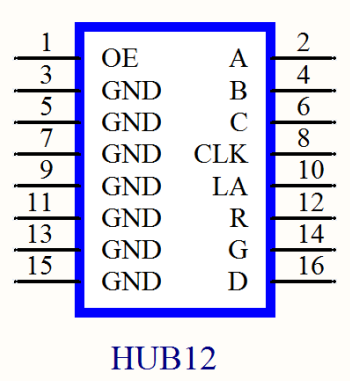
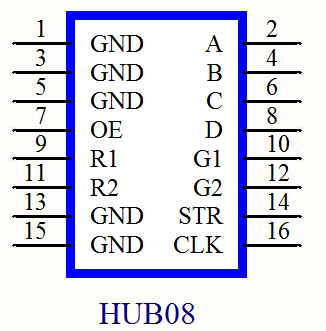
1. **Dimension Chart**



1. **Interface Description**



1. Power connector, Connect 5V power supply.
2. Test button, Click to switch screen test status.
3. Indicator: The power on indicator is on and the Wi-Fi working indicator is blinking.
4. HUB12 (Black color) & HUB08 (Yellow color): Connect the display.
5. **HUB12 port Definition**

1. **Basic Parameters**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Minimum | Typical | Maximum |
| Rated voltage(V) | 2.2 | 5.0 | 7 |
| Storage temperature(℃) | -40 | 25 | 105 |
| Work environment temperature(℃) | -40 | 25 | 80 |
| Work environment humidity (%) | 0.0 | 30 | 95 |
| Net weight（kg） |  | | |

**Precautions**

* To ensure that the control card is stored during normal operation, make sure the battery on the control card is not loose.
* In order to ensure the long-term stable operation of the system, please try to use the standard power supply voltage.