DC 12-24V Wireless Controller RF Touch Panel LED Dimmer RGB Remote Controller
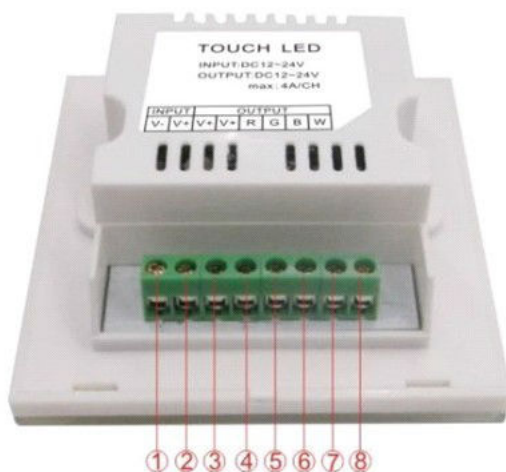

Ⅰ.**Summarization for wall mounted touch panel led rgbw controller**

 wall mounted touch panel led rgbw controller   is a new high-end controller which newly developed by our company. Glass panel design looks beautiful and fashionable. It adopts high precision capacitance touch control chip, increases the touch sensitivity, reduces trigger which caused by mistake. It is used for controlling a variety of lamp whose light source is LED. For instance, point source of light,flexible light strip, panel lights etc.In addition,it can be connected convenient, use easily and other advantages.It can achieve jumpy changing,gradual changing,strobe changing and other light changing effect.

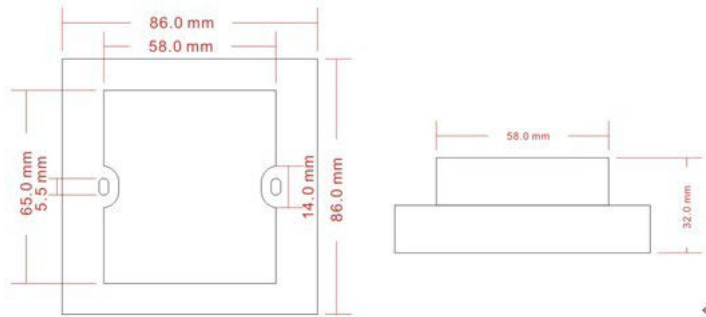Ⅱ.**Technical Parameters for wall mounted touch panel led rgbw controller**

1> working temperature: -20-60 ℃

 2> supply voltage: DC12~24V

 3> output: 4 channels

 4> connection mode: common anode

 5> external dimension: L86XW86XH32 mm

 6> packing size: L105XW105XH47 mm

 7> net weight:108.5g

 8> gross weight: 170g

 9> static power consumption: <1W

 10> output current: <4A*4

 11> output power: 12V<192W, 24V<384W

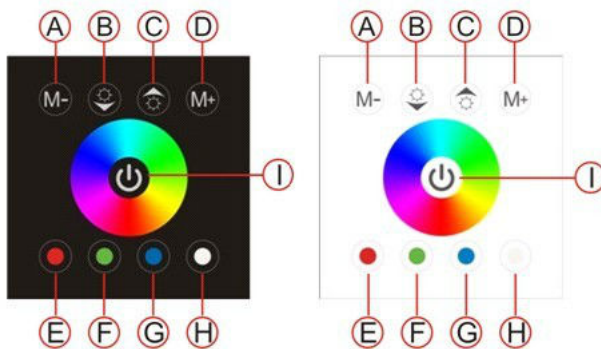Ⅲ.**External Dimension for wall mounted touch panel led rgbw controller**

① Input: V-
② Input: V+
③ Output: V+
⑤ Output: V+
④ Output: R
⑥ Output: G
⑦ Output: B
⑧ Output: W

Ⅳ. Interface Specifications for wall mounted touch panel led rgbw controller:

Ⅴ. Controller Instruction

On touch panel,there are total 9 key and 1 color ring.

I key: turn on/off controller at any state

A key: choose last mode. Total 6 modes can be choosing cyclically.

B key: In dynamic mode, slow dynamic mode's speed down and decrease brightness, 100 grade of speed. You can press it continuously. Press this key each time, speed will be slow down 1 grade. The key will be not useful until reach the slowest speed. In dynamic mode, it just output R,G,B.

In color ring state and static state, press this key each time, brightness will be decreased 1 grade. The key will be not useful until reach the darkest. You can press it continuously.

C key: accelerate dynamic mode's speed up and increase brightness.

In dynamic state, press this key each time, speed will be accelerate 1 grade.100 grade of speed. You can press it continuously .The key will be not useful until reach the fastest speed. In dynamic mode, it just output R,G,B.

In color ring state and static state, press this key each time, brightness will be increased 1 grade. The key will be not useful until reach the brightest. You can press it continuously.

D key: choose next mode. Total 6 modes can be choose cyclically.

E key: output red channel. In dynamic state, mode will be changed to red static output since press this key. It is unuseful to press this key when shutdown. You can adjust brightness when this key works.

F key: output green channel. In dynamic state, mode will be changed to green static output since press this key. It is unuseful to press this key when shutdown.You can adjust brightness when this key works.

G key:output blue channel. In dynamic state, mode will be changed to blue static output since press this key.It is unuseful to press this key when shutdown. You can adjust brightness when this key works.

H key: output white channel. In dynamic state, mode will be changed to white static output since press this key. It is unuseful to press this key when shutdown. You can adjust brightness when this key works.
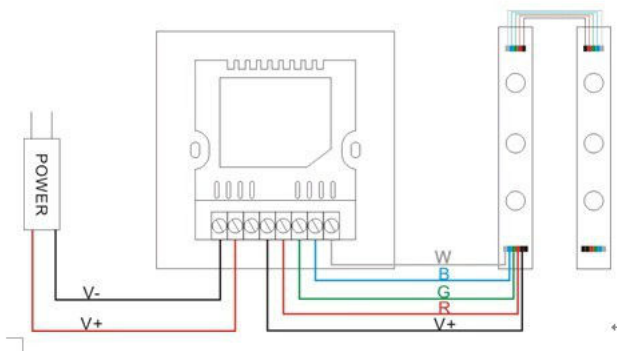
4channels output touch panel led rgbw controller,12-24V wall mounted touch panel led rgbw controller

Color Ring: Touch this ring at any state, mode will be changed to static output.

Total 6 modes as follows:

Item No	Functions(open loop)	Remarks
1	three colors gradual changing(R,G,B)	Speed adjustable
2	three colors jumpy changing(R,G,B)	Speed adjustable
3	three colors strobe changing (R,G,B)	Speed adjustable
4	seven colors gradual changing(R,G,B)	Speed adjustable
5	seven jumpy changing (R,G,B)	Speed adjustable
6	seven colors strobe changing (R,G,B)	Speed adjustable

VI. Typical Application for wall mounted touch panel led rgbw controller

VII.I nstallation Method

1. Gently pry gaps in touch panel with "---" style screwdriver, then you can slowly remove the panel.

2. Remove the cable. Pull the locking of the cable transposon, and then you can slowly remove the cable.

3. Fix the base of controller in the 86×86 installation box (customers need to buy the installation box by themselves) on the wall with screws. As follows:

4. use your hand gently pull down the cable seat lock according to step 2, plug the cable into cable seat, press the lock, and mount the cable of panel on the base, as follows: