

Product Specifications



Name: Multi-function Touch Panel Controller
Model: WalIDim002

- RGB mode
- Supply voltage:DC12V -24V
- Output power: 12V<180W,24V<360W

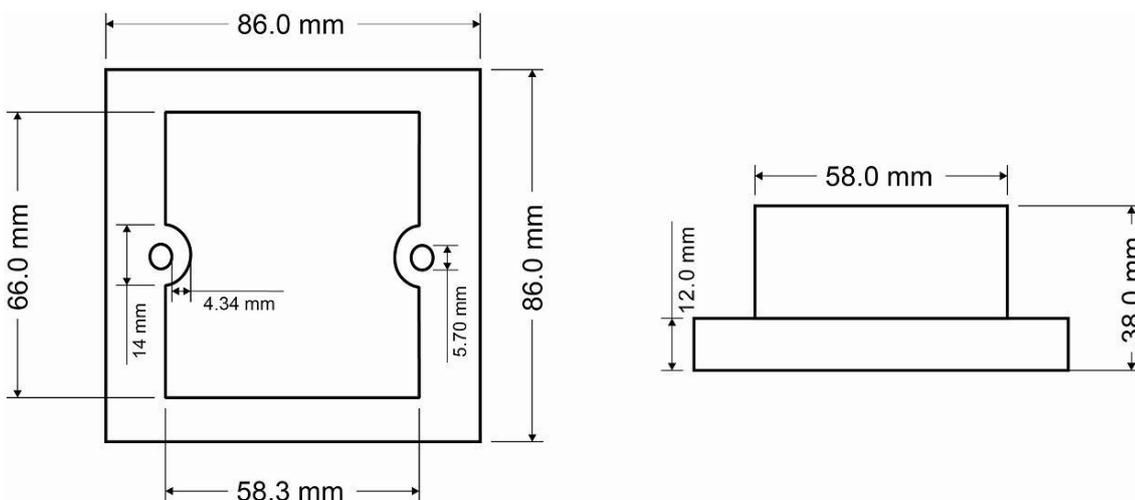
1 Summarization

WallDim002 is one of our high-end, multi-function WallDim touch panel controller series, with characteristics of fashionable and beautiful appearance, complete functions, easy operations, sensitive key touch, colorful changes and various forms. It is mainly used to control led lamps, wall lamps and so on. It can give out various colors of lights according to different environmental requirements, as well as the lights jump change, lights flash and fade, especially adjust the brightness and the speed of light jump.

2 Technical Parameters

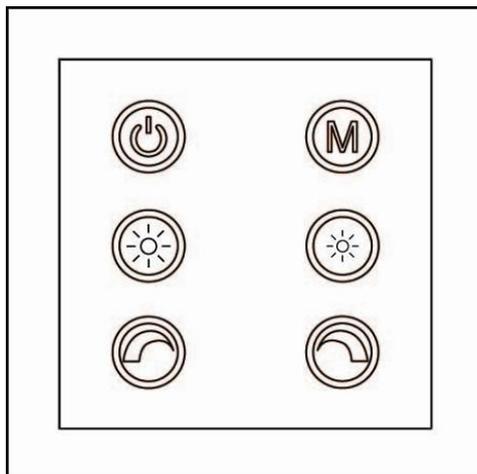
Supply voltage	DC12V -24V
Output power	12V<180W,24V<360W
Output current	<5A(each channel)
Static power	<1W
Output	3 channels
External dimension	L86 X W86 X H38 mm
Packing size	L110 X W110X H55 mm
Working temperature	-20-60 °C
Net weight	125g
Gross weight	150g

3 Dimension



4 Function Description

Appearance



Power ON and OFF



Change the mode of color, details see follow chart



Increase brightness: add one grade by each short press



Reduce brightness: reduce one grade by each short press



Increase speed of color change: add one grade by each short press



Reduce speed of color change: reduce one grade by each short press

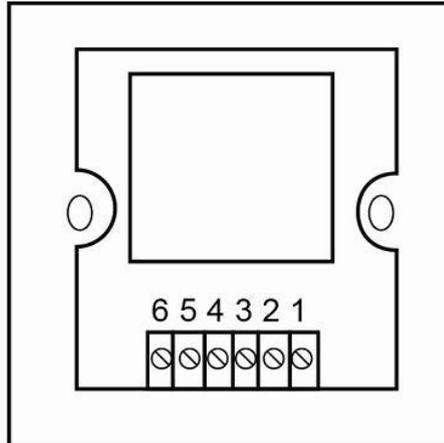
Lights state as follows,

Mode number	Lights state	Remark
1	Static red	Brightness is adjustable, Speed is un-adjustable.
2	Static blue	
3	Static purple	
4	Static green	
5	Static yellow	
6	Static cyan	
7	Static white	
8	Three-color jumpy change	Speed and brightness are adjustable
9	Seven-color jumpy change	
10	Three-color gradual change	Speed is adjustable, brightness is un-adjustable
11	Seven-color gradual change	
12	Red flash	Speed and Brightness are adjustable
13	Blue flash	
14	Purple flash	

15	Green flash	
16	Yellow flash	
17	Cyan flash	
18	White flash	
19	R/B fade	Speed is adjustable, brightness is un-adjustable
20	B/G fade	
21	G/R fade	

5 Interface Introduction

1. POWER: GND
2. POWER: V+
3. OUTPUT: V+
4. OUTPUT: CH1
5. OUTPUT: CH2
6. OUTPUT: CH3



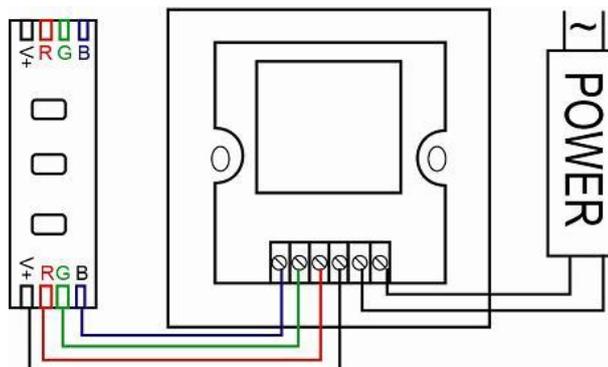
◆ Power input interface

DC 12-24V input, supply power for decoder and the lamps it takes.

◆ Driver output interface

Common anode, V+ and R,G,B interface, can drive kinds of RGB module or single-color module, output current can regulate according to the actual load.

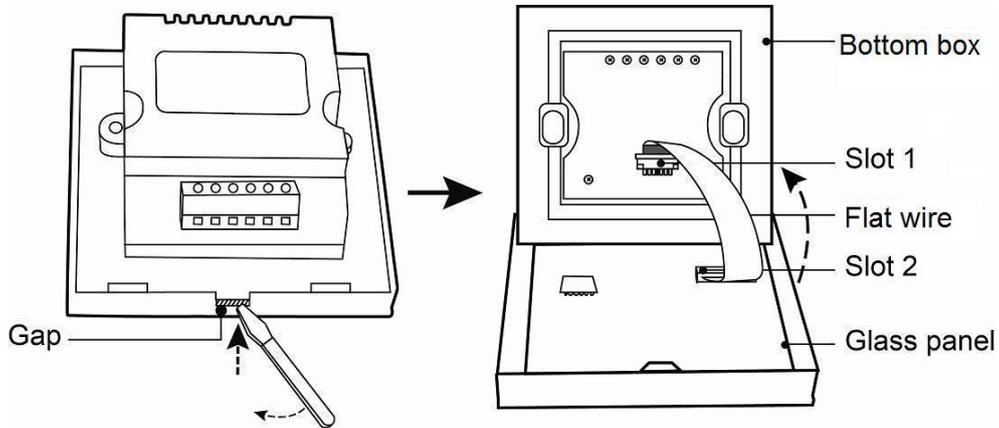
6 Typical Application



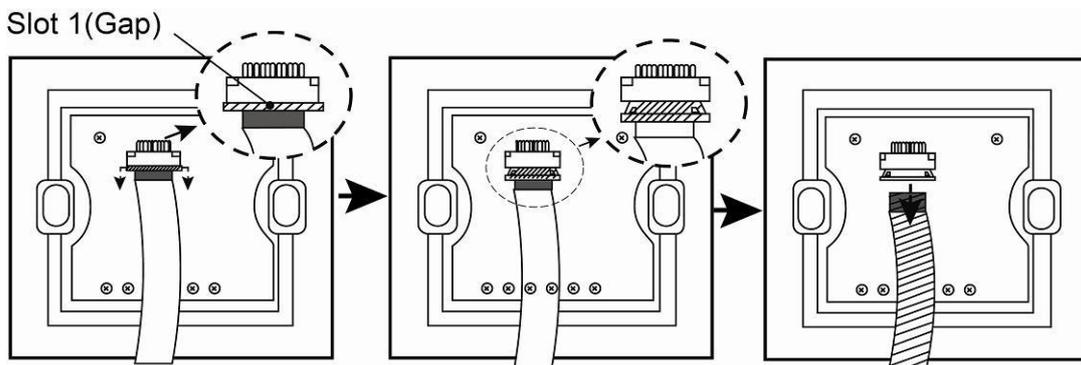
7 Installation Guide

1. To separate the glass panel and the bottom box of the controller with a screwdriver along the gap of the bottom box.

Notice: the flat wire connect between the glass panel and the bottom box, please be careful.

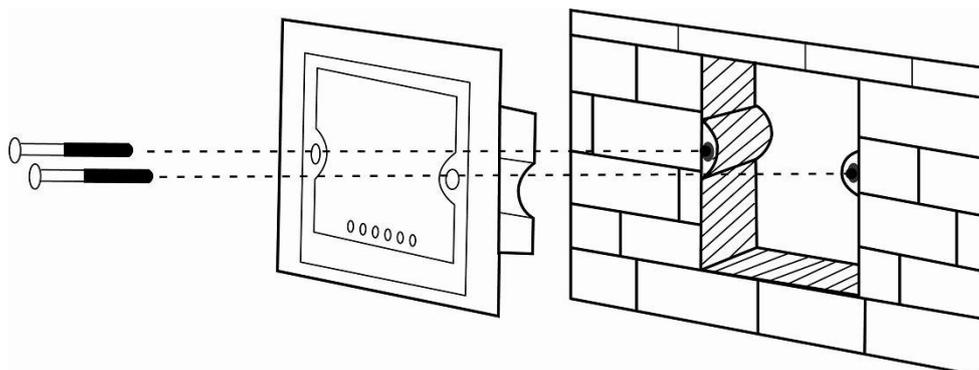


2. To gently and parallel pull out the card buckle on slot NO.1 with fingers (about 1.5mm), until flat wire loosen and can be pulled out from the slot.

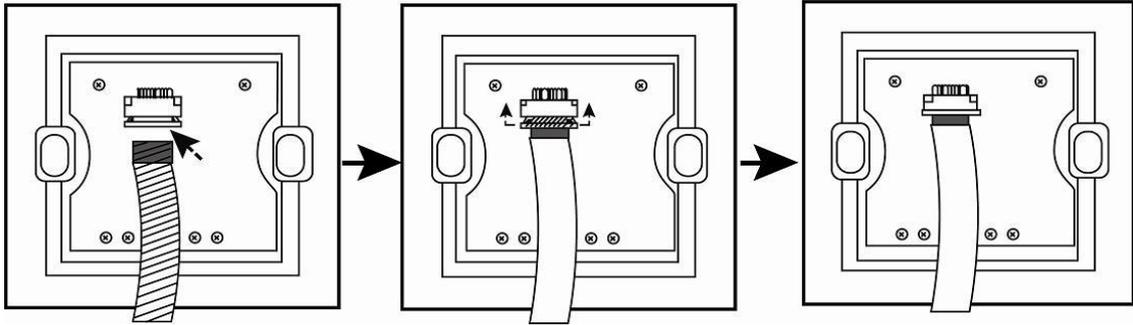


3. To connect the output and power wires to the corresponding input and output terminal blocks on the bottom box.

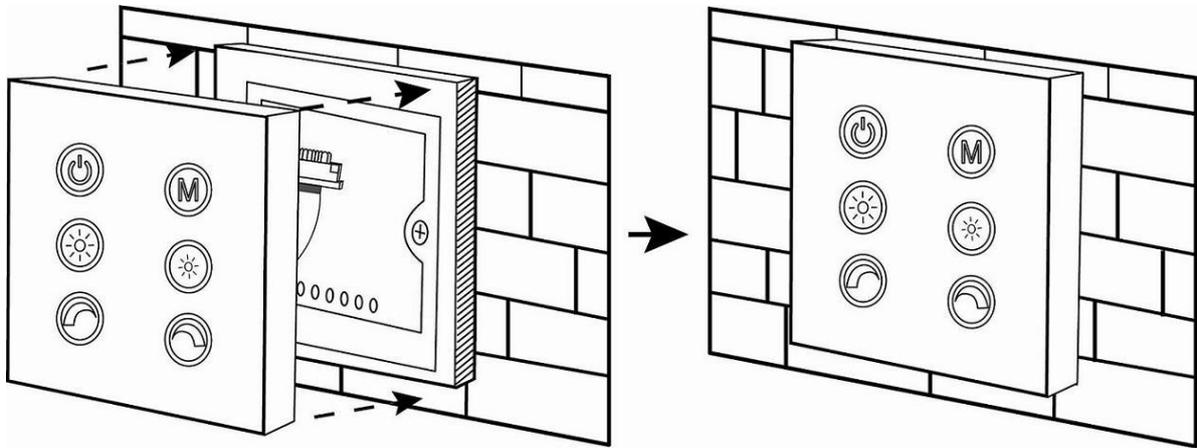
4. To lock the bottom box on the wall and fix it with the screwdriver.



5. To insert the flat wire into the slot No.1 (about 2 mm) with fingers, with the blue side up, then parallel push the card buckle of the slot No.1 back so as to lock the flat wire.



6. To buckle the glass panel to the bottom box.



Remarks:

1. Connect the load wire at first, following by the power wire; **Please ensure short circuit can not occur between connecting wire before you turn on the power.**
2. Power supply voltage range is DC12~24V, more than voltage range maybe will burnout the controller.