RGB Controller

Size: (mm)

| WC 7-V1 | WC 7-V2 | WC 7-V3 | WC 7-V4 |

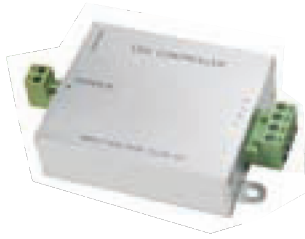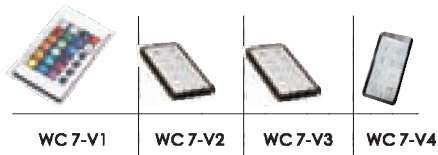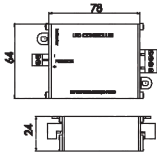## WC 7

Features：

SC-WC7-V1
Compatible with all common RGB strips and low voltage RGB lamps, Built-in 32 modes and can be controlled by a small key board. Automatically adapt to LED light which works at DC12V or DC24V. Hardware PWM dimmer without any flashes. High-power MOS driver, the whole current of the RGB three channels reaches to 18A.

SC-WC7-V2
1.16 changing patterns including jump and smooth;
2.Wireless control;
3.Power-off data protection;
4.Working with power amplifier to expand power output unlimitedly.

SC-WC7-V3
1. Used for of 24V/12V single color strip, built-in dimming and gradient modes;
2. Can choose the modes and dimming with remote controller.

SC-WC7-V4
1. Used for of 24V/12V single color strip.
2. With Adjust light remote controller.

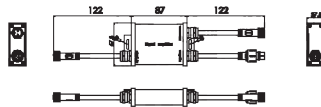| Technical parameters	
Model number	AI-WC7
Voltage	12V DC/24V DC
Output current (MAX)	6A*3CH
Output power (MAX)	216W(12V input)/432W(24V input)
Channels	RGB 3 channels
Control distance	>30m
Weight	106g

Amplifier

SC-AP-W-12/24

Function Descriptions:

1. LED amplifier can run all our RGB waterproof lights. Its input channel can be controlled by 3 channels of PWM. Connected with an amplifier, more RGB lights can be controlled. In theory, numberless amplifiers can be connected after one controller.

2. Relay amplifier could amplify the weaken signal, and the original signal remain the same all along.
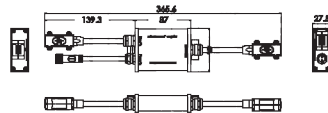
Size: (mm)

Technical Parameters	
Model number	AI-AP-W-12/24
Voltage	12V DC/24V DC
Output current(MAX)	5A*3CH
Output power(MAX)	180W(DC12V)/360W(DC24V)
Channels	3 RGB channel
IP	Ip65
Weight	168g

SC-AP-3

Function Descriptions:

LED amplifier can run our ArchiFlexTM RGB waterproof lights. Connected with an amplifier, more RGB strips can be controlled(the quantity of the lights which can be controlled depends on every 30M strips should be connected with an amplifier). In theory, numberless amplifiers can be connected after one controller.

Relay amplifier could amplify the weaken signal, and the original date remain the same all along

Size: (mm)

Technical Parameters	
Model number	AI-AP-3
Voltage	24V DC
Output current(MAX)	5A*3CH
Output power(MAX)	180W(DC12V)/360W(DC24V)
Channels	3 RGB channel
IP	Ip65
Weight	180g