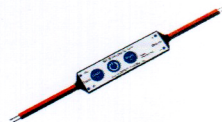


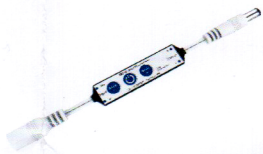
## 3-Key Single Color LED Mini Controller without remote function

Model No.: Q1-S, Q1-S(D)

1 channel constant voltage/Max 4A output/Stepless dimming



**Q1-S**  
Cable In /Cable Out Version



**Q1-S(D)**  
DC Female Jack In /DC Male Jack Out Version

### Model List

FC CE RoHS EMC LVD

Model	Photo	Power Connector	LED Connector
Q1-S		Red/Black Cable 10cm	Red/Black Cable 10cm
Q1-S(D)		5.5mm DC Female Jack	5.5mm DC Male Jack

### Features

- 1 channel constant voltage single color LED mini controller.
- 3 key operation with on/off and dimming.
- 4A output, connect with 5 meters single color LED strip.
- 1024 levels 0-100% dimming smoothly without any flash.

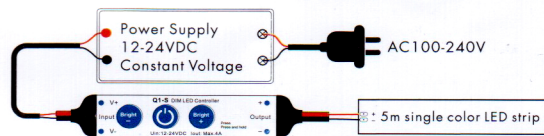
### Dimension



### Technical Parameters

Input and Output		Dimming data	
Input voltage	12-24VDC	Dimming level	1024 levels
Output voltage	12-24VDC	Dimming range	0-100%
Output current	Max. 4A *	Dimming curve	Logarithmic
Output type	Constant voltage	PWM Frequency	750Hz (default)
Environment		Safety and EMC	
Operation temperature	Ta: -30°C ~ +55°C	EMC standard (EMC)	EN301 489, EN 62479
Case temperature (Max.)	Tc: +85°C	Safety standard (LVD)	EN60950
IP rating	IP20	Certification	CE, EMC, LVD
Warranty and Protection			
Warranty	5 years		
Protection	Reverse polarity Over heat Short circuit		

### Wiring Diagram



### Key Function

- Turn on or off light.
- Brightness -, short press 10 levels, long press 1-0s for continuous 256 levels adjustment.
- Brightness +, short press 10 levels, long press 1-0s for continuous 256 levels adjustment.

### Dimming Curve

