

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

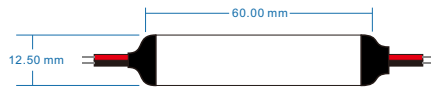
FC CE RoHS LVD

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	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output current	Max. 4A
Output type	Constant voltage

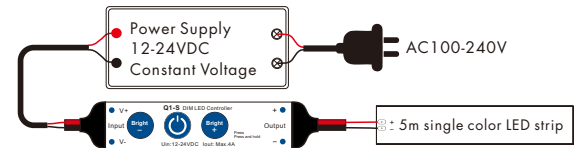
Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +85°C
IP rating	IP20

Warranty and Protection	
Warranty	5 years
Protection	Reverse polarity Over heat Short circuit

Dimming data	
Dimming level	1024 levels
Dimming range	0 - 100%
Dimming curve	Logarithmic
PWM Frequency	750Hz (default)

Safety and EMC	
EMC standard (EMC)	EN301 489, EN 62479
Safety standard (LVD)	EN60950
Certification	CE, EMC, LVD

Wiring Diagram



Key Function

- Turn on or off light.
- Brightness -, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.
- Brightness +, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

Dimming Curve

