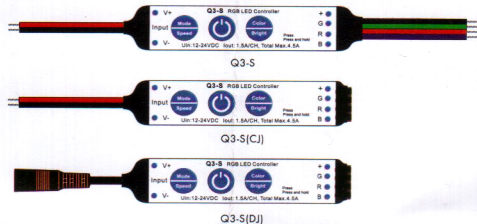


## 3-Key RGB LED Mini Controller

Model No.: Q3-S

3 channel constant voltage/Max 4.5A output/Stepless dimming



### Features

- 3 channel constant voltage RGB LED mini controller.
- 3 key operation with on/off, mode and color adjustment.
- 1.5A per channel, output connect with 5 meters RGB LED strip.
- 4096 levels 0-100% dimming smoothly without any flash.
- Built in 10 dynamic mode, include jump or gradual change style.

FC CE RoHS EMC LVD

### Technical Parameters

Input and Output	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output current	1.5A/CH, Total Max. 4.5A
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

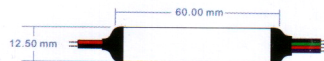
Dimming data	
Dimming level	4096 levels
Dimming range	0-100%
Dimming curve	Logarithmic
PWM Frequency	750Hz (default)

Safety and EMC	
EMC standard [EMC]	EN301 489, EN 62479
Safety standard [LVD]	EN60950
Certification	CE, EMC, LVD

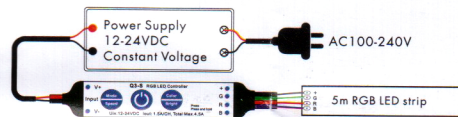
### Model List

Model	Power Connector	LED Connector
Q3-S	Red/Black Cable 10cm	4-color Flat Cable 10cm
Q3-S(CJ)	Red/Black Cable 10cm	4-pin Flat Female Jack
Q3-S(DJ)	5.5mm DC Female Jack	4-pin Flat Female Jack

### Dimension



### Wiring Diagram



### Key Function

- Turn on or off light.
- Short press change 10 dynamic mode, long press 2s adjust speed, 10 levels.
- Short press change 24 static RGB color, long press 1-6s for continuous 256 levels brightness adjustment.

### RGB dynamic mode list

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Yellow cyan purple smooth	10	White fade in and out

### Dimming Curve

