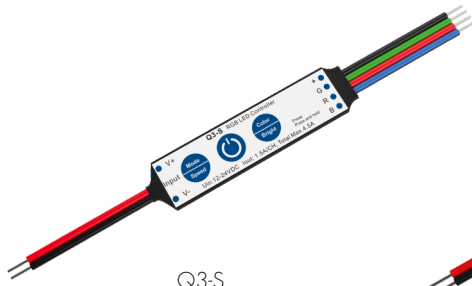


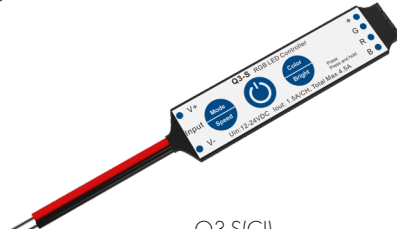
Q3-S, Q3-S(CJ), Q3-S(DJ)

RGB

3-Key RGB LED Mini Controller without remote function



Q3-S
Cable In /Cable Out Version



Q3-S(CJ)
Cable In /4P Female Jack Out Version



Q3-S(DJ)
DC Female Jack In /4P Female Jack Out Version

CE RoHS

Model List

Model	Photo	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

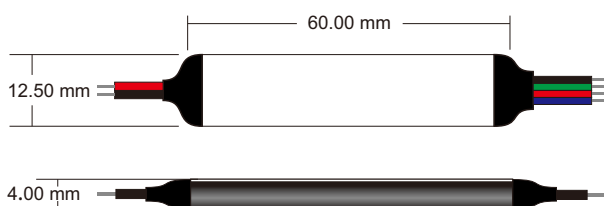
Features

- 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.
- 256 levels 0-100% dimming smoothly without any flash.
- Built in 10 dynamic mode, include jump or gradual change style.

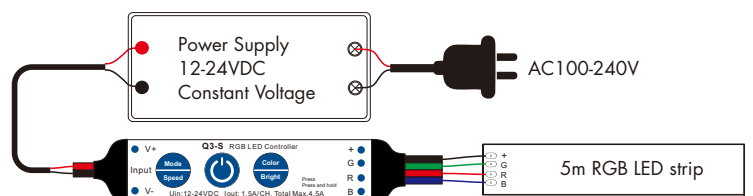
Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	12-24VDC	Dimming gray scale	256 levels	EMC standard	EN IEC 55015:2019+A11:2020 EN 61547:2009
Output voltage	12-24VDC	Dimming range	0-100%		EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019
Output current	1.5A/CH, Total Max. 4.5A	Dimming curve	Linear	Safety standard	EN 61347-1:2015+A1:2021 EN 61347-2-13:2014+A1:2017
Output type	Constant voltage	PWM frequency	2000Hz (default)	Certification	CE
Environment		Warranty and Protection		Package	
Operation temperature	Ta: -30°C ~ +55°C	Warranty	5 years	Size	L90 x H130mm
Case temperature (Max.)	Tc: +85°C	Protection	Reverse polarity Over heat	Gross weight	0.012kg
IP rating	IP20				

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

