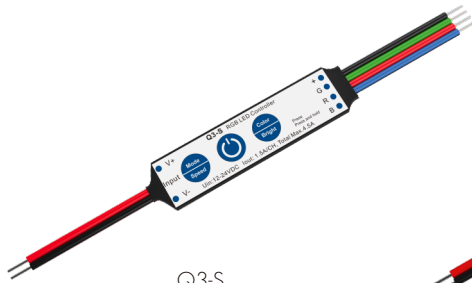


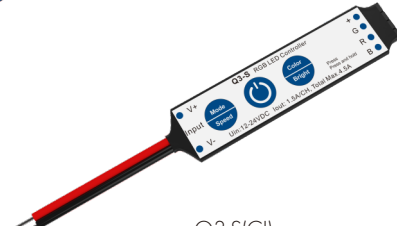
Q3-S, Q3-S(CJ), Q3-S(DJ)

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 |

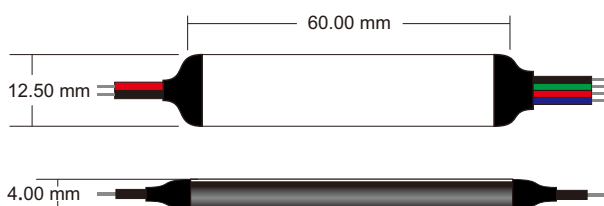
Features

- 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.

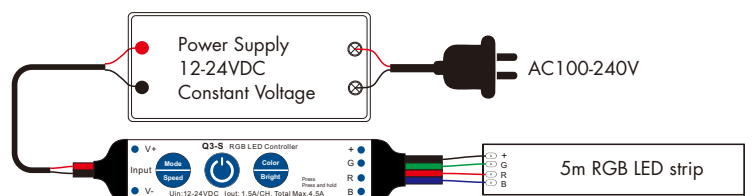
Technical Parameters

| | | | | | |
|-------------------------|--------------------------|--------------------------------|-------------------------------|-----------------------|---------------------------|
| Input and Output | | Dimming data | | Safety and EMC | |
| Input voltage | 12-24VDC | Dimming gray scale | 256 levels | EMC standard | EN IEC 55015/EN IEC 61547 |
| Output voltage | 12-24VDC | Dimming range | 0-100% | Safety standard | EN 61347-1/-2 EN 62493 |
| Output current | 1.5A/CH, Total Max. 4.5A | Dimming curve | Linear | Certification | CE RoHS |
| Output type | Constant voltage | PWM frequency | 2000Hz (default) | Package | |
| Environment | | Warranty and Protection | | Size | l90 x H130mm |
| Operation temperature | Ta: -30°C ~ +55°C | Warranty | 5 years | Gross weight | 0.012kg |
| Case temperature (Max.) | Tc: +100°C | Protection | Reverse polarity Over heat | | |
| 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

