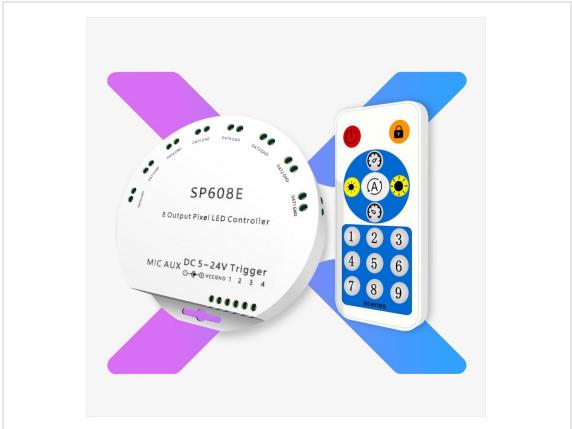




SPI LED Controller, DC 5 - 24V, App + RF Remote + Buttons, 8x600 Pixels

- Operates on DC input from 5V to 24V
- Draws only 50mA operating current
- Supports 8 output channels at 600 pixels each
- Total addressable capacity of 4,800 pixels
- IP30 rated for dust and solid object protection
- Controlled via app, RF remote, or onboard buttons

OVERVIEW

The SP608E is an SPI LED controller designed for precise control of addressable LED lighting systems. It accepts a DC input ranging from 5V to 24V, making it compatible with a wide range of power supply configurations commonly used in commercial and architectural lighting installations.

The controller draws 50mA of operating current and supports up to 8 output channels at 600 pixels each, for a total capacity of 4,800 pixels. It carries an IP30 rating, providing basic protection against dust and solid objects. This unit is suited for indoor installations where reliable, multi-channel SPI signal distribution is required.

The SP608E carries a 1 - year warranty.

SPECIFICATIONS

OPTICAL

LEDs per Segment	600
LED Lifetime	50,000 h

ELECTRICAL

Operating Voltage	24 V
Current Draw	0.05 A

ENVIRONMENTAL

IP Rating	IP30
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ORDERING

Warranty	1 y
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APPLICATIONS

- Architectural accent lighting
- Addressable LED strip installations
- Retail and hospitality lighting displays
- Signage and channel letter lighting
- Indoor commercial lighting control

slug	value	source	confidence
leds_per_segment	600	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	db	high
current_draw	0.05 A	pdf	high
ip_rating	IP30	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY