



1 - Channel SPI LED Controller, Running Water Effect, 4 Outputs, 2048 Pixels

- Single-channel SPI protocol for precise per-pixel control
- Supports up to 2048 pixels across 4 outputs
- Rated LED lifetime of 50,000 hours
- User-adjustable interface for on-site effect customization
- 1-year manufacturer warranty
- Designed specifically for running water lighting effects

OVERVIEW

The C-SP1-3K-4 is a 1-channel SPI LED controller built for running water effect lighting applications. It supports control of up to 2048 pixels distributed across 4 outputs, allowing for larger or segmented installations where independent zone control is needed.

The single-channel SPI communication protocol provides precise per-pixel control, and the controller includes a user-adjustable interface for configuring effects and customization parameters on-site. Rated LED lifetime is 50,000 hours.

The controller carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

ORDERING

Warranty1 y

APPLICATIONS

- Decorative water feature lighting
- Architectural facade pixel displays
- Large-scale LED strip installations
- Segmented zone lighting control
- Signage and display lighting effects

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.