

Constant current brightness enhancement strobe controller (SZ01)

LS-DV-SZ01 series · Light controllers · 1 model

Strobe controller with built-in 48V switching power supply, high current output, adjustable brightness enhancement factor, temperature-controlled heat dissipation and RS232/RS485 communication.

Features

- Flexible selection of communication
- Built-in 48V switching power supply
- High current power output
- Temperature control and heat dissipation function
- Trigger signal with low latency
- Supports external/internal triggering modes
- Supports synchronous signal output
- Fine output pulse width
- Stable current drive
- Adjustable brightness enhancement factor



Common specifications

Baud rate	9600-115200bps optional
Built-in power supply power	65W
Connected light source type	Light source with a current of 10mA~700mA greater than 24V
Connected light source type (parameter table)	Light source with a current of 10mA~700mA, greater than 24V
Control	Digital (4-digit display, buttons), RS232, RS485 serial port

Dimensions (mm)	115 x 229 x 126
Internal trigger cycle	10~999ms
Max input voltage	AC220V
Max output current per channel	Instantaneous 20A
Max output voltage	48V
Operating modes	Always on / internally triggered / externally triggered
Operating temperature	5~50°C
Overheat protection	Yes
Response speed	500ns
Strobe delay time	0~999us
Strobe pulse width	10~999us
Trigger	External/internal trigger, edge; synchronous signal output
Trigger method	Edge

Ordering code: LS-DV150-SZ01CS-48200-4 (DV = digital voltage type, 150 = built-in supply power, SZ = customization, 01 series, CS = serial port 485 interface, 48 = max output voltage, 200 = max output current per channel, 4 = channels)

Models

Model	Number of channels	Total output (W)
LS-DV150-SZ01CS-48200-4	4	65

Dimensions

