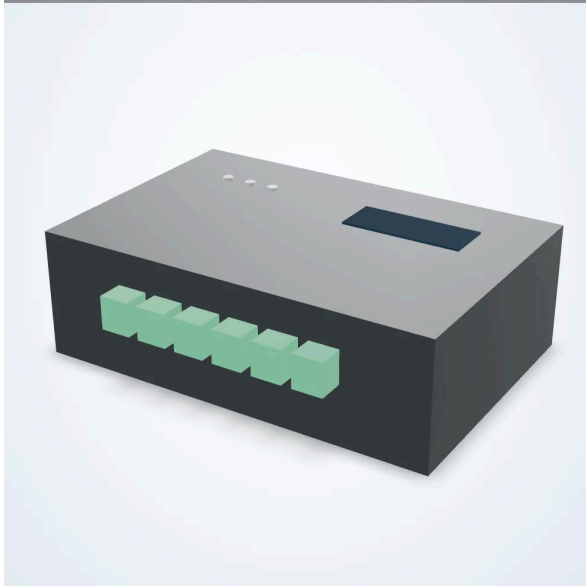


LED light controller, 2-channel

LS-CTL-0001 series · Light controllers · 1 model

LED light controller to power, dim and strobe machine vision lights. Rendered illustration: the actual product may differ in appearance.



Common specifications

Output Channels	Number of Outputs: 2 Number of Channels per Output: 1
Operating modes	Pulse (overdrive Strobe)
Mounting	DIN Rail
Case material	Aluminum and Steel
Communication	10/100 Ethernet Standard TCP-IP, UDP USB (Custom HID) C++ Library
Controller style	Discrete Control System (External, Detachable)
Dimensions	4.40" x 3.37" x 5.10" (111.6mm x 85.6mm x 129.5mm)
Dimming range	0% - 100%, 1mA Increments via Software Settings
Duty cycle range	Typical <1% for high current overdrive, up to 15% Dependent on the limitations of the connected light.
Input supply requirements	24V DC Nominal, 4.5A Recommended 21V Min - 48V Max; Power Inputs Reverse-Polarity Protected
Light head connection	Via Proprietary Header Block with Embedded EEPROM on Light Head Cable (C5)
Operating system software support	GUI: Windows 7+ x86 and x86-64, Linux x86 and x86-64 (requires Kernel 2.6.39+ with libudev installed)
Operating temperature range	0°C to +55°C
Output current	Pulsed: 100A Max Total, 50A per Channel*
Output power	Pulsed: 5000W Peak Total, 2500W Peak per Channel*
Output voltage	Pulsed: 100V Max*
Programmable pulse delay	1μs - 1ms
Pulse width range	1μs - 100ms
Status indicator leds	Green: Power Yellow: Communication Red: Error
Storage temperature range	25°C to +85 °C
Trigger delay	<2μs
Trigger frequency limit	2KHz
Trigger protection	Protected up to 30V
Trigger signal	2.5V Min - 30V Max, <=5mA
User interface	Software GUI, Web Browser
Compliance	CE, RoHS
Weight	1.63lb (739g)

Models

Model

LS-CTL-0001

Product views

