

LED-0401 4 CH LED Driver

Technical Specifications Ver 1.00
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UC INSTRUMENT's LED-0401 Compact 4 Channel Computer-Controlled Universal LED Drivers are designed to drive a broad range of LED light sources. Maximum 1.5A current can be output to each channel.

It comes with a powerful PC-based software with a user-friendly GUI, which enables users to drive LEDs without writing any code. A SDK is provided which can allow users to write their own software and to integrate UC's LED drivers into their own systems. LED driver has a built-in protection feature which allows users to limit the driving current and voltage. Each channel can be individually configured to work under one of the following two modes: Normal Mode (or DC Mode): The output current is a constant, which can be adjusted (using software) from 0 mA to 1,500 mA, through the USB interface. A Pulse-Width-Modulated (or PWM) periodic signal is output to the channel, which can be turned on by a software trigger. Each channel can be individually DISABLED and ENABLED. No voltage or current is output from a DISABLED channel.

Features:

- Software controlled
- Current monitoring display
- Universal driver- suitable for any LED
- User friendly application software with GUI
- Capable of driving variable loads
- Full-featured SDK
- Up to 1,500mA output current

Application:

- Machine Vision
- Displays
- Semiconductor equipments
- Test Instruments
- Microscopy
- Medical Instruments

SPECIFICATION:

Input Power Voltage: 9V - 24V dc
Number of channels: 4 individual channels
Output current: 0 to 1500mA
Interface: USB

Product Pictures:



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