

# I-ELC4



*KIOSKcomponents*

Data sheet

## LED Controller / 4 channels

INEX's LED Controller is a part of the KIOSK components series of boards which allow kiosk designers to add functionality to their kiosks quickly and effortlessly. I-ELC4 is a solution for controlling LED strips in illumination systems for kiosks, gaming machines, vending machines.

## Features

- 4 channels for controlling LEDs
- Supports RGB 12V Non-addressable LED strips on each channel
- +5V and +12V power supply
- May work either autonomously in accordance with a pre-programmed scenario or while being dynamically controlled from a host via USB
- Works with Windows XP / Windows 7 / Windows 8, 32 / 64 bit

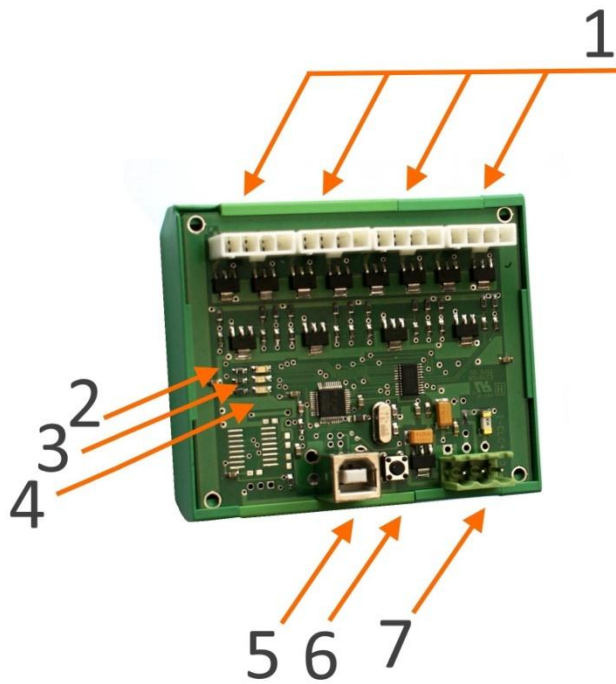
## Windows Integration (PC interface)

- Driver (IEdrive) provided
- Test / Demo application provided

## Technical Specification

Power supply:	5V and 12V on the terminal block
Outputs:	4 x 1x4-pin Mini-Fit® Jr™ 5569 connectors
Controlled through:	USB B
Max. output current:	2A (all channels combined)
Size:	3.58 x 3.19 x 1.54 in

## I-ELC4 design

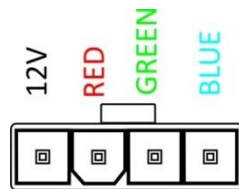


1. **1x4-pin Mini-Fit® Jr™ 5569 connectors** used for connecting Non-addressable LED strips to the board
2. **Blue LED** which is lit up when 12V DC is supplied
3. **Red LED** which blinks when the processor is working or glows with solid light when 5V DC is supplied
4. **Green LED** which signals data transfer between the PC and I-ELC4
5. **USB B port** used for connecting the I-ELC4 to the PC and providing power supply
6. **Reset button** allows to reset the board
7. **Terminal block:** used for supplying power to I-ELC4

## Connection diagram (board view)

The diagrams below show how to properly connect Non-addressable LED strips and supply power to I-ELC4.

Note! Make sure that power is applied correctly as failing to do so will damage the board and render it unusable.



1x4-pin Mini-Fit® Jr™ 5569



Terminal block

INEX USA

5580 S Fort Apache Rd STE 110

Las Vegas, NV 89148

[www.inex-usa.com](http://www.inex-usa.com)

