

# LED CONTROLLER



## Description

The ProtoPixel LED Controller allows to control **any type of digital LED fixture** and can handle **up to 4800 LEDs**.

ProtoPixel Controllers are provided with a standard Ethernet 10/100mbps port compatible with current network standards and it allows multiple ProtoPixel controllers to connect to the same local network.

For **simplifying your LED infrastructure**, it comes with two satellites.

Each satellite handles 4 data outlets through green 2-port screw connectors to LED fixtures (1-4 for the first satellite, 5-8 for the second one), with data from a RJ45 cable, connected to the controller. An additional black 2-port screw connector allows you to externally wire it to negative and ground.

## Features

- Comes with a USB power connection and a standard Ethernet 10/100mbps port.
- Multiple Controllers can be connected to the same local network, making your lighting control infrastructure simpler and more affordable.
- Controller comes with a set of satellites to help to connect fixtures distributed in large spaces.
- Performance: up to 4800 LEDs @ 30fps (1600 LEDs @ 50fps).
- Ethernet connection with DHCP - integrating with your existing local network.
- Configurable: every setting accessible through ProtoPixel Create.
- Stand-alone testing mode: send patterns to check the connections with the LED fixtures without connecting it to the network.
- Easily powered: can be powered with a 5v power supply or with a USB charger (included).
- Output: WS2811, WS2812, WS2812B, sk6812, WS2813, CS8812, WS2815 protocol family.
- Warranty: 2 years limited
- Size: 65x89x26 mm.

