

ProtoPixel Long-Range V2 LED Controller

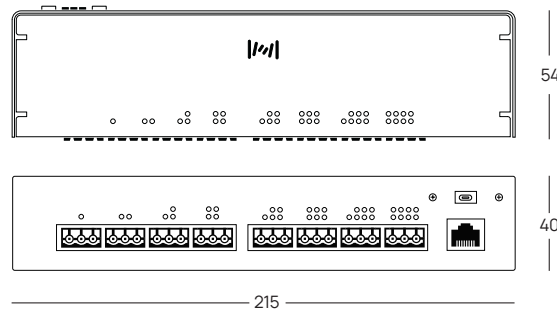
Overview

Robust, versatile and powerful. The ProtoPixel Long-Range is the perfect LED Controller for large scale projects.

- 8 SPI Outlets
- Up to 9600 RGB pixel LEDs in total @27fps
- Up to 300m distance to fixtures
- Rackable
- 3 years warranty

You can find more resources at our [Zendesk Help Center](#)

Long Range



Receiver



Power *Power Supply not included*

Power over Ethernet	802.3 af compliant
Input Voltage	48 VDC 350mA
Output Voltage	Max. 13 VDC
Max Power Consumption	7,5 W

Indicators *More [here](#)*

LED 1	Status (Blue)
Depth	Network (Green)
Height	Test (Orange)

Enviromental

Operating Temperature	0°C to 50°C
TC Value	70°C

Dimensions

Width	215 mm
Depth	54 mm
Height	40 mm
Weight	500 gr

Control

No. of Pixels per Outlet	RGB: up to 1200 pixels at 27FPS RGBW: up to 900 pixels at 27FPS
Framerate	min: 27 FPS (using max. Pixels per Outlet) max: > 500 FPS (using 1 Pixel per Outlet)

Wiring

Data outlets	8 X 3-way pluggable terminal blocks, one for each data outlet.
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Supported LED ICs

WS2811, WS2812, WS2812B, WS2813, WS2815, Neopixel, SK6812, GW6205, UCS1903, UCS1903B, UCS2904 and CS8812 protocol families.

Accesories

Refer to the user guide [here](#)

Communications

Ethernet PoE

Installation Diagram

