

# Gate SPI Wired Long-Rage

## Overview

Robust, versatile and powerful. The Protopixel Gate SPI Wired Long-Rage 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

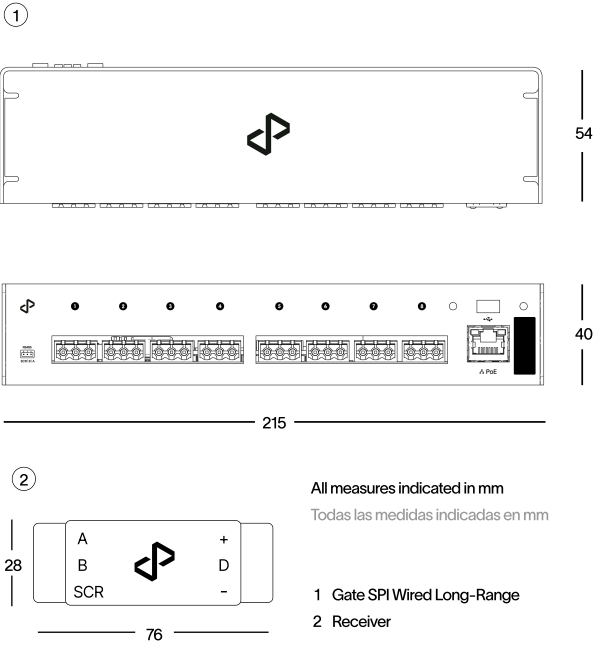
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## Resumen general

Robusto, versátil y potente. El Protopixel Gate SPI Wired Long-Rage es el controlador LED perfecto para proyectos a gran escala.

- 8 salidas SPI.
- Hasta 9600 píxeles LED RGB en total a 27 fps.
- Hasta 300 m de distancia hasta los dispositivos.
- Montable en rack.
- 3 años de garantía.

Encuentra más recursos en nuestro [Zendesk Help Center](#)



| Power Potencia        |                                   | Power Supply not included Fuente de alimentación no incluida |
|-----------------------|-----------------------------------|--------------------------------------------------------------|
| Power over Ethernet   | Alimentación a través de Ethernet | 802.3 af compliant                                           |
| Input voltage         | Voltaje de entrada                | 48 VDC 350mA                                                 |
| Output voltage        | Voltaje de salida                 | Max. 13 VDC                                                  |
| Max Power Consumption | Consumo máximo de energía         | 75 W                                                         |

| Indicators Indicadores |                              | More here Más aquí |
|------------------------|------------------------------|--------------------|
| LED 1                  | Status (blue) Estado (azul)  |                    |
| Depth Profundidad      | Network (green) Red (verde)  |                    |
| Height Altura          | Test (orange) Test (naranja) |                    |

| Accessories                                  |                                                   |  |
|----------------------------------------------|---------------------------------------------------|--|
| Refer to the user guide <a href="#">here</a> | Consulte la guía del usuario <a href="#">aquí</a> |  |

| Enviromental                                        |  |             |
|-----------------------------------------------------|--|-------------|
| Operating Temperature Temperatura de funcionamiento |  | 0°C to 50°C |
| TC Value Valor TC                                   |  | 70°C        |

| Dimensions Dimensiones |  |        |
|------------------------|--|--------|
| Width Ancho            |  | 215 mm |
| Depth Profundidad      |  | 54 mm  |
| Height Altura          |  | 40 mm  |
| Weight Peso            |  | 500 gr |

| Power                    |                                                                                         | Power Supply not included Fuente de alimentación no incluida |
|--------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|
| No. of Pixels per Outlet | RGB: up to 1200 pixels at 27FPS<br>RGBW: up to 900 pixels at 27FPS                      |                                                              |
| Framerate                | min: 27 FPS (using max. Pixels per Outlet)<br>max: > 500 FPS (using 1 Pixel per Outlet) |                                                              |
| Wired                    |                                                                                         |                                                              |
| Data outlets             | 8 X 3-way pluggable terminal blocks, one for each data outlet.                          |                                                              |

| Supported LED ICs Circuitos integrados LED compatibles                                                                      |  |     |
|-----------------------------------------------------------------------------------------------------------------------------|--|-----|
| WS2811, WS2812, WS2812B, WS2813, WS2815, Neopixel, SK6812, GW6205, UCS1903, UCS1903B, UCS2904 and CS8812 protocol families. |  |     |
| Communications Comunicaciones                                                                                               |  |     |
| Ethernet                                                                                                                    |  | PoE |

## Installation Architecture Arquitectura de la instalación

