ENTTEC

Pixelator

One LED Controller to rule them all

The Pixelator is the world's foremost Ethernet - Pixel Link converter. A high density device when you need to convert large amounts of DMX Over Ethernet data into Pixels while keeping costs under control. Ideal for any LED pixel mapped project using pixel tape or pixel dots.

www.enttec.com

Controls . Lights . Solutions

Pixelator

Performance in every pixel

No more image ghosting or jumpy updates of your content. No other device offers this level of performance in such a compact form factor. It supports WS2812B and APA-104 LED protocols, so you can connect ENTTEC pixel tape to the pixel link ports (using PLink Injector and external power). Using state of the art FPGA programmable Logic, ultra fast DDR memory and Gigabit ethernet, all 24 Pixel outputs are synchronised when using Sync mode.

► Plink (Pixel Link)

Plink allows the use of PLink Injectors to connect ENTTEC Pixel Tapes and Pixel Dots to your Pixelator. Available in 5V , 12V and 24V, each PLink Injector can be used with a DC power supply to connect the Pixel Tape to one PLink port on Pixelator.

► 8160 Pixels per unit - 48 Universes

Pixelator gives you control of up to 8160 pixels using 48 Universes of Ethernet. Each Plink port will drive up to 340 individual pixel leds (2 Universes). Each port gives the option of grouping up to 340 physical leds into 1 DMX pixel (RGB), reducing the number of DMX channels needed.

► Multi-protocol support

● ArtNet 1/2/3
● SACN
● ESP
● Kinet

► Input / Output

● 24 Plink output ports on Rj45 (Pixel Link Data)
● 1 Gigabit Ethernet port
● Jumbo frame support
● 1 RS232 input for profile selection via serial command

► Features

● All configurations are made through web browser.
● Graphical user interface for creating and editing ports is flow-chart oriented and documents data flow as you configure it.
● Clock module to sync multiple universes output
● DMX Generator and Stream snapshot (web)

Dimensions
H 43.6 mm / W 463 mm / D 250 mm

PART NUMBERS

70060 - Pixelator

70704 - Stream Auditor License

73546 - Plink Injector 5V

73544 - Plink Injector 12V-24V

73545 - PixieLinker (5V)