

## Pixel Octo



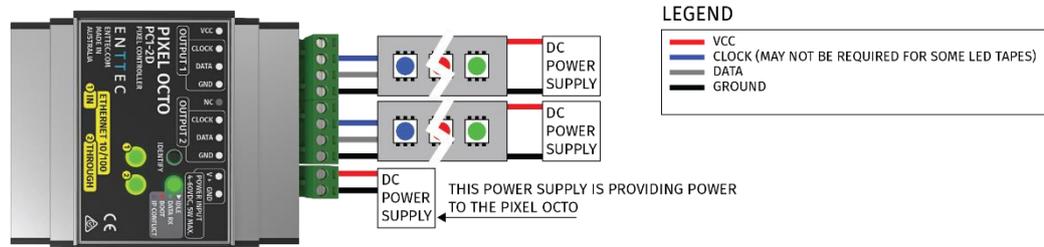
### Features

- Web configurable
- Firmware updateable
- Supports the following DMX over Ethernet protocols:
  - Art-Net
  - Streaming ACN (sACN)
  - ESP
  - KiNET
- Configurable Static or Dynamic (DHCP) IP (DHCP by default).
- Netmask and gateway updateable
- Up to 8 ethernet universes support (maximum of 4 universes per output port)
- Configurable pixel colour ordering.
- Monitors device temperature
- Monitors and displays the network traffic
- Easily extendable network - daisy chain ethernet connection up to a maximum of 50 devices
- Compatible with CLK LED Tapes
- White Pixel Order compatibility
- 35 mm DIN mountable
- Flexible wiring configurations
- Executes live effects on the fly
- Save dynamic effects created as a presets for quick access.
- User-friendly interface to create and execute live effects on the fly
- Aluminium Enclosure
- Top view indicator lights and button
- Pluggable terminal blocks
- Dual Spring 35mm DIN rail brackets
- Maximum output refresh rate is 46 frame per second

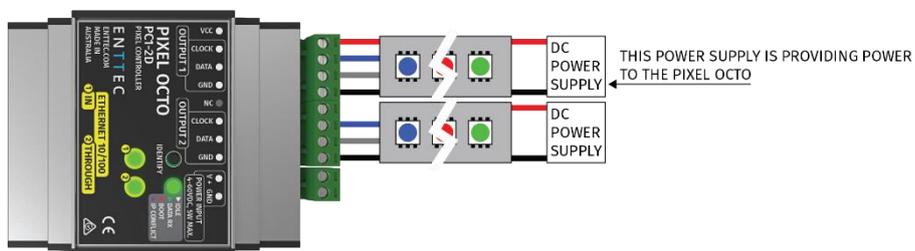
## Wiring Diagrams

Connecting distance between Pixel Octo data output and tape/dots data input is highly dependent on cable quality, maximum suggested length is no more than 3 meters.

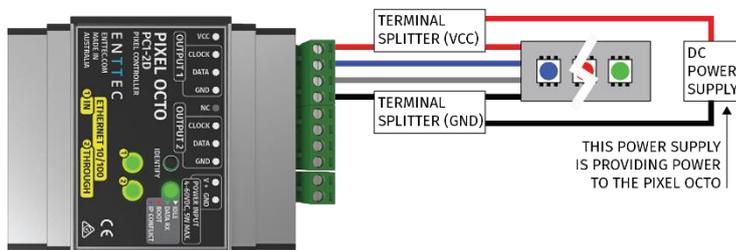
### POWER CONNECTION (POWER INPUT TERMINALS)



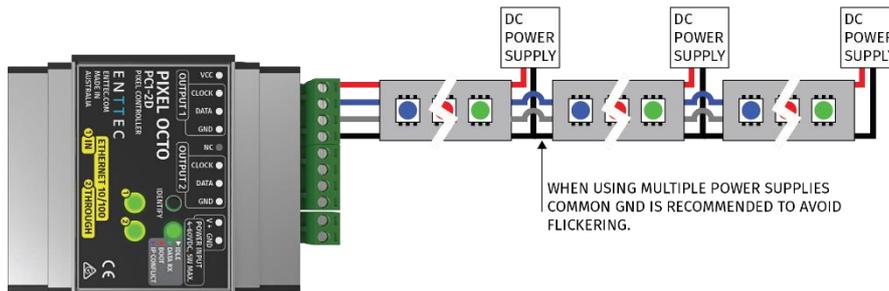
### POWER CONNECTION (VCC TERMINAL)



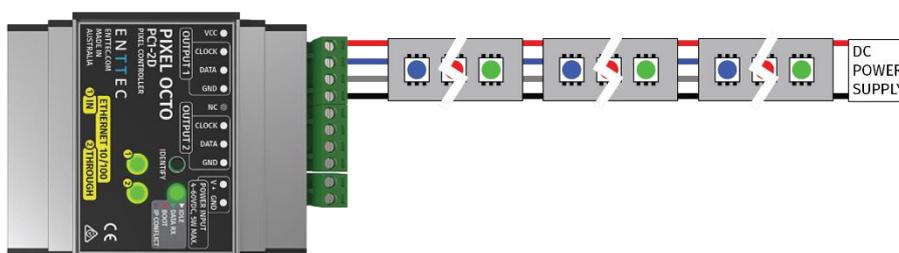
### POWER CONNECTION (USING TERMINAL SPLITTERS)



### MULTIPLE LED POWER INJECTION



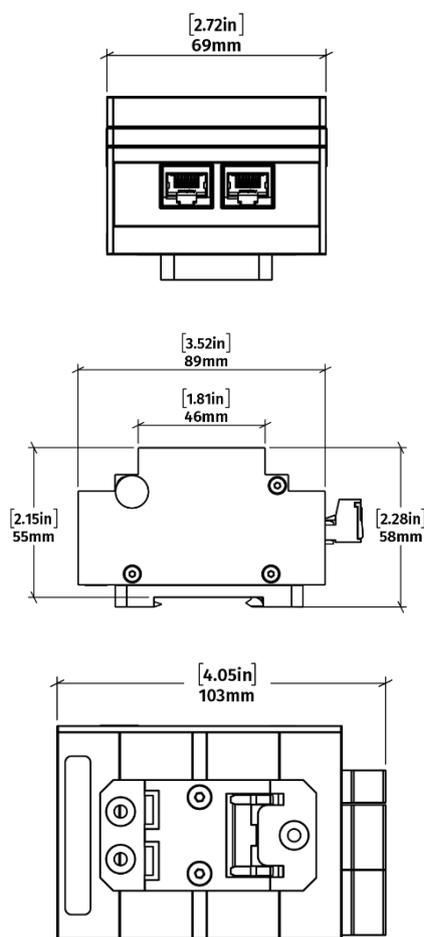
### MULTIPLE LED TAPE SECTIONS



## Safety

- This unit is intended for indoor use only.
- Do not expose this device to rain or moisture, doing this will void the warranty.
- Make all connections before powering on
- Do not remove the cover, there are no user serviceable components inside.
- Never plug this unit into a dimmer pack
- Ensure input voltage is within the specified limits
- Ensure this device functions within the [recommended operating temperature](#)

## Physical Dimensions



## Ordering Information

Part Number	Description
71520	Pixel Octo

## Specifications

Item	Specification
<b>Input Voltage</b>	4-60V DC
<b>Maximum Power consumed</b>	5W
<b>Supported Protocols</b>	ArtNet sACN KiNET ESP
<b>Output Protocols</b>	For supported protocols, please refer to support page: <a href="http://www.enttec.com/support/supporte-d-led-pixel-protocols/">www.enttec.com/support/supporte-d-led-pixel-protocols/</a>
<b>Maximum Pixel count/output (RGBW)</b>	512 RGBW pixels
<b>Maximum Pixel count/ output (RGB)</b>	680 RGB pixels
<b>Maximum DMX footprint/output</b>	2048 channels
<b>Connectors</b>	2 x 4Pin Output phoenix 1 X 2Pin Power In 2 X RJ 45
<b>IP Rating</b>	IP 20
<b>Operating Temperature</b>	-10 °C to 60 °C
<b>Relative Humidity</b>	5- 95% (non-condensing)
<b>Weight of device (In kg)</b>	0.25 kg
<b>Dimensions (in mm)</b>	103 (L) x 69 (W) x 58 (H)

Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice.

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