

Pixel Port



Features

- Anodised enclosure
- Scalable design for large projects
- PowerCON in/out sockets
- EtherCON link through
- 4-pin (76302-16/26/55) or 3-pin (76303-12/24) XLR pixel data output socket
- Captive M3 nuts compatible with a range of ENTTEC mounting accessories
- Smart thermal management using temperature controlled smart Fan.
- Supports the following DMX over Ethernet protocols:
 - Art-Net 1/2/3
 - Streaming ACN (sACN)
 - ESP
- Configurable Static IP or Dynamic (DHCP) IP address. (DHCP by default)
- 2 ethernet universes output capability
- Controls up to 340 RGB or 256 RGBW pixel LEDs (model dependent)
- Configurable Pixel Grouping - RGB (1 to 340) RGBW (1 to 256)
- Effect mode: allows saving presets
- Configurable Pixel ordering
- Monitors and maintains device temperature
- Web configurable
- Easily extendable network – daisy chain
- Executes live effects on the fly
- Effect mode: stores effects created as a list of presets.
- User friendly settings enable quick plug and play setup

Variations

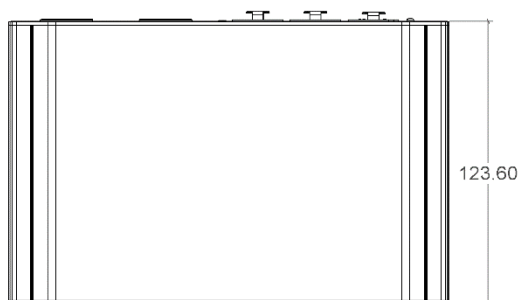
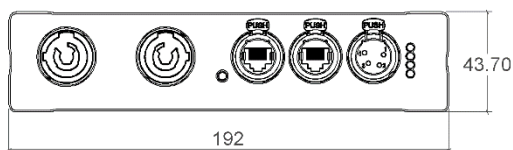
76302 [Legacy Product]



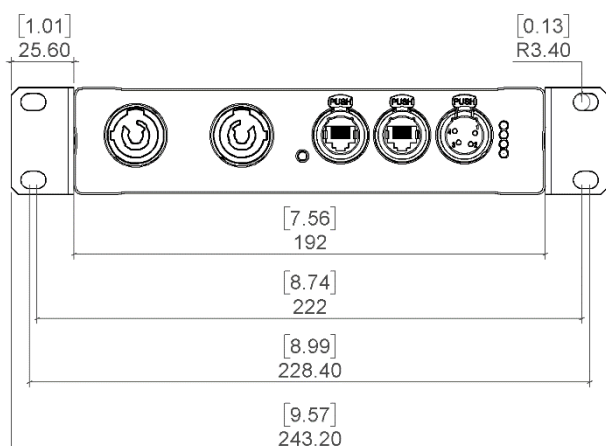
76303



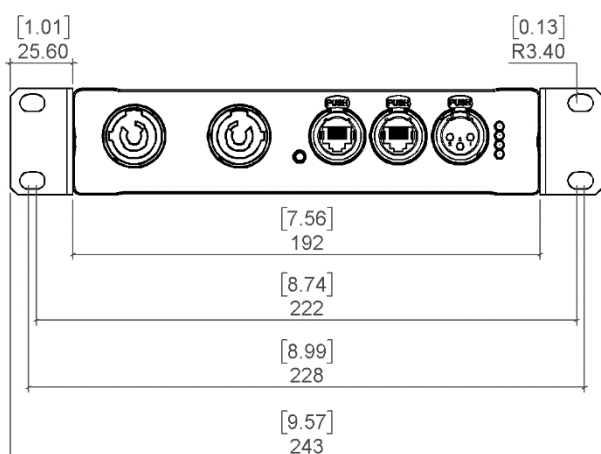
Physical Dimensions



76302 – Pixel Port [Legacy Product]



76303 – Pixel Port



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 the connections before you plug in the mains power
- Do not remove the cover, there are no user serviceable components inside
- Never plug this unit in to a dimmer pack
- Ensure proper earth connections
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (20 cm) between this device and a wall
- Power-supply cords should be routed so that they are not likely to be walked on or pinched.

Ordering Information

Part Number	Description
76302-55 [Legacy Product]	Pixel Port 5V, 50 Watts (4 pin XLR)
76302-16 [Legacy Product]	Pixel Port 12V, 60 Watts (4 pin XLR)
73602-26 [Legacy Product]	Pixel Port 24V, 60 Watts (4 pin XLR)
76303-5	Pixel Port 5V, 50W (3 pin XLR)
76303-12	Pixel Port 12V, 120 Watts (3 pin XLR)
76303-24	Pixel Port 24V, 130 Watts (3 pin XLR)

Specifications

Item	Value					
	76302-55 <small>[Legacy Product]</small>	76302-16 <small>[Legacy Product]</small>	76302-26 <small>[Legacy Product]</small>	76303-5	76303-12	76303-24
Input Voltage	90 – 264V AC					
Input Frequency	47 – 63 Hz					
Output Voltage	5V	12V	24V	5V	12V	24V
Maximum Power Output	50W	60W	60W	50W	120W	130W
Maximum Current Output	10A	5A	2.5A	10A	10A	5.42A
Leakage Current	<2mA/240VAC					
Supported Protocols	Artnet 1/2/3, sACN, ESP					
Output Protocols	For supported protocols, please refer to support page https://www.enttec.com/support/supported-led-pixel-protocols/					
Maximum Pixel output (RGBW)	256 RGBW pixels					
Maximum Pixel output (RGB)	340 RGB pixels					
Fixture Mode DMX Footprint	17 Channels					
Normal mode DMX footprint	Up to 1024 Channels					
Ambient Operating Temperature	0 – 40°C					
Energy Produced (BTU/h)	48.02	42.93	37.07	48.02	54.37	45.35
Connectors	2X RJ45 etherCON Connector 1X 4-Pin Female XLR 1X powerCON IN 1X powerCON OUT			2X RJ45 etherCON Connector 1X 3-Pin Female XLR 1X powerCON IN 1X powerCON OUT		
IP Rating	IP20					
Cooling Method	Smart Fan					
Unit Weight	0.922Kg / 2.032lb					
Shipped Weight	1.103Kg / 2.431lb					

Accessories and Recommended Products

(Order separately)

Part Number	Description
73910	US Mains plug powerCON cable
73911	UK Mains plug powerCON cable
73912	EU Mains plug powerCON cable
73913	AU Mains pug powerCON cable
70581-ARC	ENTTEC LED Mapper Software (ELM) Architectural (512 Universes)
70581-PRO	ENTTEC LED Mapper Software (ELM) Professional (96 Universes)
70581-STU	ENTTEC LED Mapper Software (ELM) Standard (16 Universes)
9PDOT (1-8)	HI-RES SMART RGB PIXEL DOTS
8PL60-F-12	RGB PIXEL TAPE 60 LEDS/METER 12V - 5M Roll
8PL30-F	RGB PIXEL TAPE 30 LEDS/METER 5V - 5M Roll
8PL60-F	RGB PIXEL TAPE 60 LEDS/METER 5V - 5M Roll
8PL144-2	RGB PIXEL TAPE 144 LEDS/METER 5V - 2M Roll
8PX60-4	RGBW PIXEL TAPE 60 LEDS/METER 5V - 4M Roll
8PXW60-4-B	RGBW PIXEL TAPE 60 LEDS/METER 5V - 4M Roll Black No Coating
8PX30-F	RGBW PIXEL TAPE 30 LEDS/METER 5V - 5M Roll
8PW60-F	WWA (CTA+AMBER) PIXEL TAPE 60 LEDS/METER 5V - 5M Roll
8PW30-F	WWA (CTA+AMBER) PIXEL TAPE 30 LEDS/METER 5V - 5M Roll
8P60-5-B	Pixel tape 60 LEDS/METER 5V - 5M Roll Black No Coating
79160	Universal Bracket

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

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