

PT-PoE



PT-PoE | Pass Through Power over Ethernet

DYNICS PT-PoE is a standardized solution designed with RJ45 input ports, converting the output into M12 X-Coded. PT-PoE is designed with input reverse voltage protection and output over current protection inside of an IP65 rated enclosure rated when mounted, making it an efficient industrial solution for transferring power and data over ethernet.

- X-Coded PoE+ Output
- UL Listed
- Output Over Current Protection
- Reverse Voltage Protection
- Designed and Assembled in Michigan
- IP65 (When mounted to industrial standard)
- LED Indicators
- Fits Industry Standard Cutout Size 24
- 4-Port PoE Injector
- 24VDC Input (3-Pin)

SPECIFICATIONS

I/O PORTS	
M12 X-Coded Outputs	4x
RJ45 Inputs	4x
POWER DELIVERY	
	Up to 30W per Port (PoE+)
	Compliant with 802.3at and 802.03af
DATA SPEED	
	Up to 1Gb
INPUT VOLTAGE	24VDC
OUTPUT VOLTAGE	54V
AMBIENT TEMPERATURE	
	Operating: 0° - 50°C (32° - 122°F)
	Non-Operating: -25° - 60°C (-13° - 140°F)
	Non-Condensing: 20% - 80%
RELATIVE HUMIDITY	
SHOCK RESISTANCE	
	Operating: 10G
	Non-Operating: 15G
VIBRATION	
	Operating: 1.0G from 57~2000Hz
	Non-Operating: 2.5G from 57~2000Hz
INCLUDED	1x 3-Pin Quick Disconnect
COMPLIANCE	
	USA: UL Listed, UL 61010-1+UL 61010-2-201, IEC 61010-1:2010/AMD1:2016
	Canada: CUL Listed, CSA C22.2 No. 61010-1-12+CSA C22.2 No. 61010-2-201, ICES-001 / NMB-001, Class A
	EU: RoHS Directive 2011/65/EU, EN IEC 61010-2-201:2018, EN 61010-1:2010/A1:2019
WARRANTY	24-Month limited warranty. Extended warranty available, contact DYNICS for more details.

DIMENSIONS, WEIGHT AND POWER CONSUMPTION

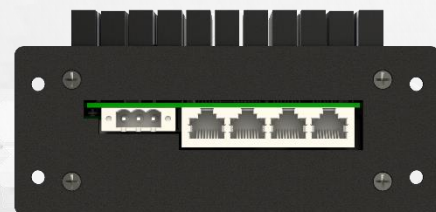
	HEIGHT	WIDTH	DEPTH	WEIGHT*	CURRENT	POWER CONSUMPTION**
PT-PoE	2.590" (66.0mm)	4.750" (120.7mm)	3.543" (89.9mm)	1.52 lbs. (0.69 kg)	6.6 Amps	144 Watts

*Weights are approximate, contact DYNICS for details.

**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

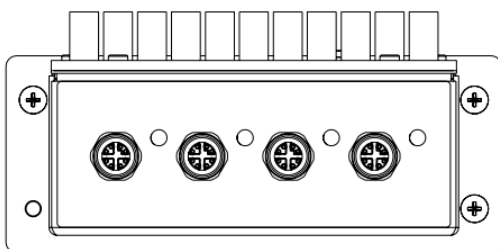


PT-PoE

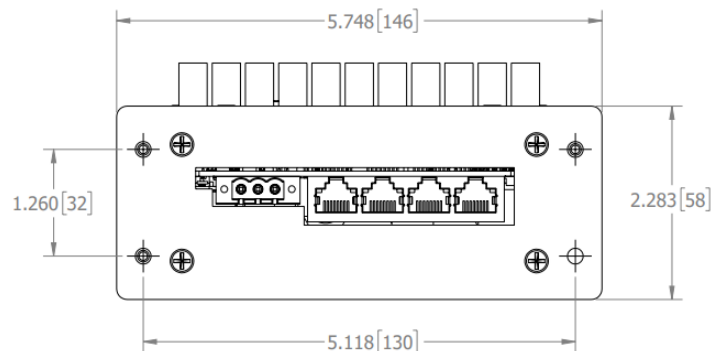


MECHANICAL DRAWINGS

FRONT VIEW



BACK VIEW



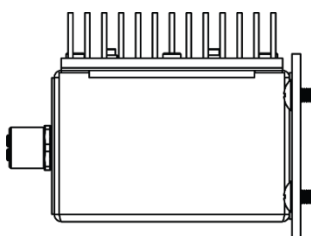
POWER ENTRY

3-Pin 24VDC

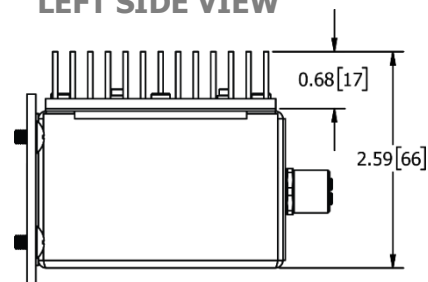
1	2	3
GND	-/N	+/H



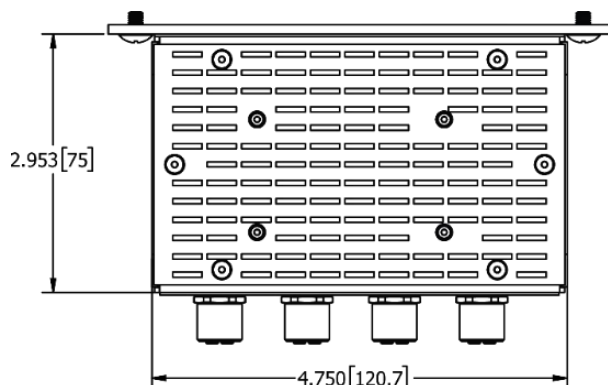
RIGHT SIDE VIEW



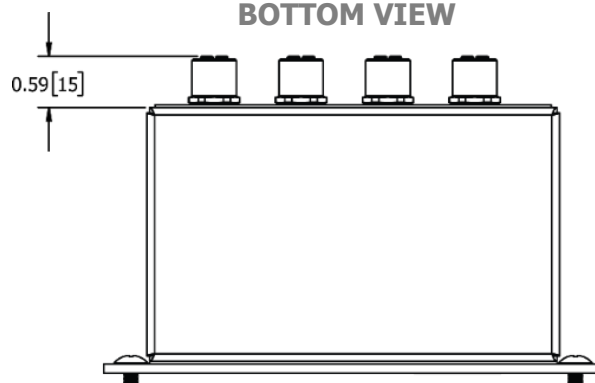
LEFT SIDE VIEW



TOP VIEW



BOTTOM VIEW



All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options.
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