



EM-PoE

Datasheet

EM-PoE | External Mount Power over Ethernet

DYNICS EM-PoE gives you your choice of input (RJ45, M12 X-Code or M12 D-Code), and provides a PoE enabled X-Code output. The input diversity makes it adaptable for various industrial applications. It is also equipped with output over current protection and input reverse voltage protection. EM-PoE is also built in an IP65 rated enclosure making it capable of protecting and transferring power and data efficiently in industrial environments.

Key Features

- Option of 4 RJ45 / M12 D-Coded / M12 X-Coded Inputs
- 4-Port PoE Injector
- Reverse Voltage Protection
- Designed and Assembled in Michigan
- Part Number:
 - EM-POE-4-DCODED-5PIN
 - EM-POE-4-XCODED-5PIN
 - EM-POE-4-RJ45-5PIN
- Power and Diagnostic LEDs
- 24VDC Input 4-Pin (Optional 5-Pin)
- Output Over Current Protection
- X-Coded PoE+ Outputs
- IP65

Specifications

I/O	4x M12 X-Coded Outputs 4x RJ45 Inputs***
***Optional inputs of RJ45 / M12 D-Coded / M12 X-Coded	
Power Delivery	Up to 30W per Port (PoE+) Compliant with 802.3at and 802.03af
Data Speed	Up to 1Gb (100Mb for D-Coded Inputs)
Input Voltage	24VDC 4-Pin (Optional 5-Pin)
Output Voltage	54V
Ambient Temperature	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)
Relative Humidity	Non-Condensing: 20% - 80%
Shock	Operating: 10G Non-Operating: 15G
Vibration	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz
Compliance	European Union Directive 2011/65/EU (RoHS)
Warranty	24-Month limited warranty. Extended warranty available, contact DYNICS for details.



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Dimensions, Weight and Power Consumptions

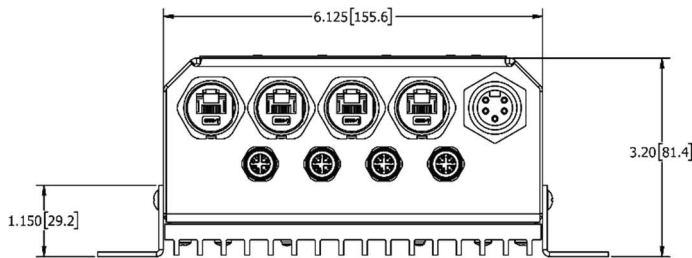
	Height:	Width:	Depth:	Weight:	Power Consumption:	Current:
EM-PoE	3.200" (81.4mm)	6.125" (155.6mm)	4.830" (122.7mm)	3 lbs.*	144 Watts**	8amps

*Weights are approximate, contact DYNICS for details.

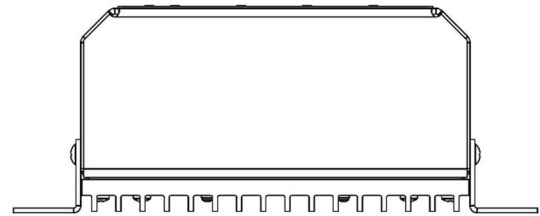
**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

Specifications

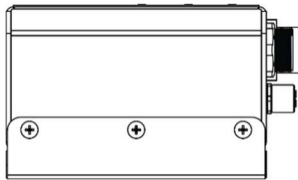
Front View



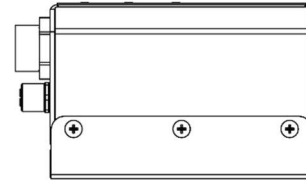
Back View



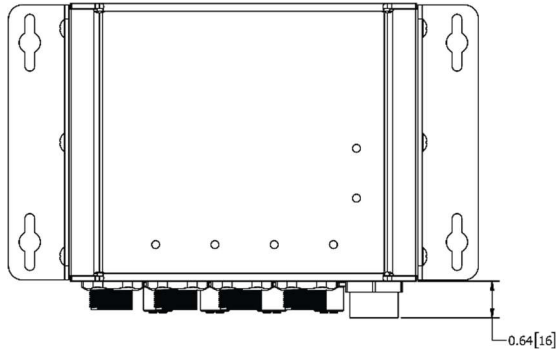
Left Side View



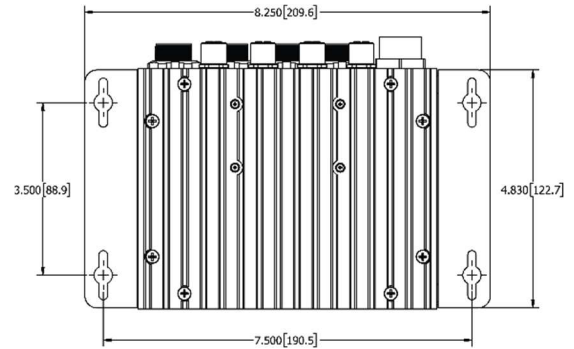
Right Side View



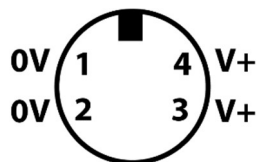
Top View



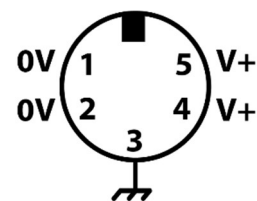
Bottom View



Input 4-Pin



Input 5-Pin



All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

