

dametric 

GIR-PI1



GMS Industrial PoE Injector

Description

	Page
Table of contents	
1 GENERAL	2
2 TECHNICAL DATA	2
3 DIMENSION	3
4 CONNECTIONS	4
4.1 Power supply	4
4.2 DATA IN	4
4.3 PoE OUT	4
5 LED INDICATORS	4
6 MOUNTING	4
7 VALMET ARTICLE NUMBER	5
8 CONTACT	5

1 General

The GIR-PI1 is a PoE (Power on Ethernet) injector designed to power a remote unit in a point-to-point Ethernet connection. The can distribute up to 15 W of power and the unit supports 10/100Base-TX in a rugged, hardened case.

The unit is used together with the GIR-DM1 router and normally placed together in the GIR-M1 master unit.

2 Technical data

Power

Input Voltage	22/48 (20 to 60) VDC
Input current	max 1.3A
Connection	Detachable screw terminal, polarity protected

Interface

RJ45 ports	10/100/1000BaseT(X) speed
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3af, 802.3at

Performance

Throughput	148,800 bps to 100 Mbps ports
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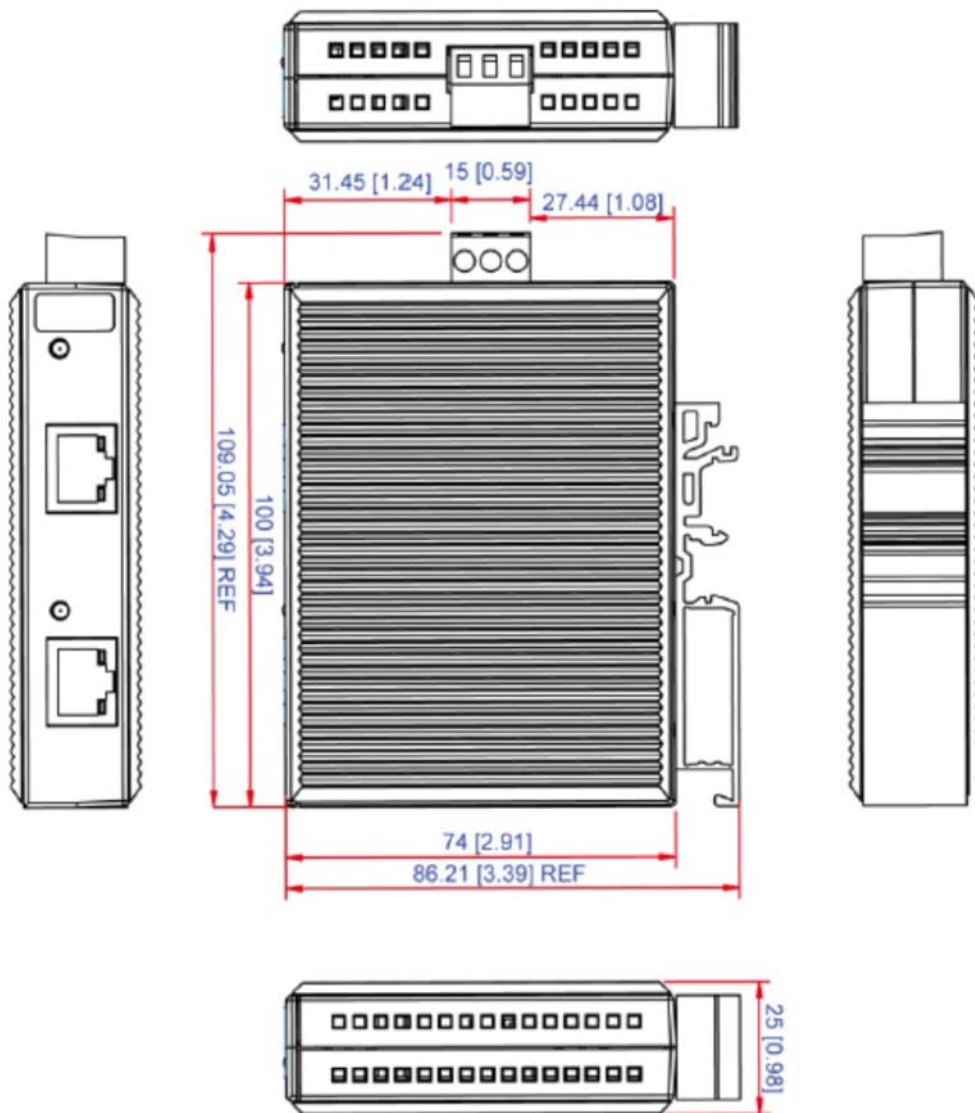
PoE Port

Maximum power output	30W
Connection type	Mode A, Mode B, selected by DIP-switch

Mechanical and environmental

Housing	Plastic case
Protection	IP 30
Installation	DIN-Rail 35 mm, wall mounting
Operating Temperature	0°C to 60°C
Operating Humidity	10 to 80% RH (non-condensing)
Storage Humidity	5 to 95% RH (non-condensing)
Weight	95 g
Dimensions	Width 25, height 109, depth 88 mm

3 Dimension



4 Connections

4.1 Power supply

The detachable connector for the power supply is placed on the top of the unit (2).

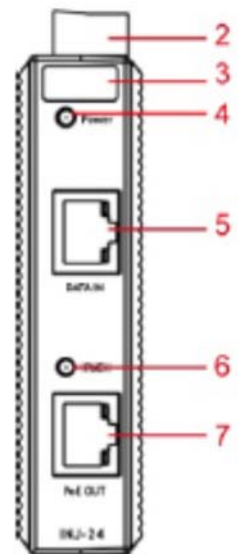
V- Connect to 0V
 V+ Connect to +24VDC
 GND Connect to ground

4.2 DATA IN

Connect the short Ethernet cable from the GIR-SW2 switch unit into the **DATA IN** socket (5).

4.3 PoE OUT

Connect the Ethernet cable from the remote GIR-PS1 (splitter) unit into the **PoE OUT** socket (7).



5 LED indicators

Power (4), amber

ON Power is being supplied

OFF No power supplied

PoE (6), amber

ON Power is supplied to a powered device

OFF Power is not supplied to a powered device

6 Mounting

Mounting

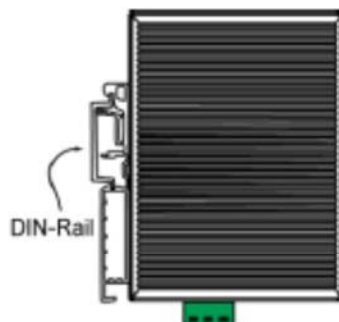
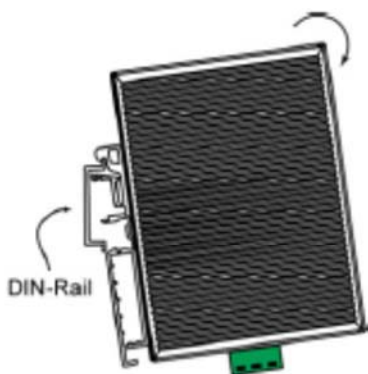
Snap on mounting – see the figure.

Step 1

Insert the top of the DIN rail into the Slot just below the stiff metal spring.

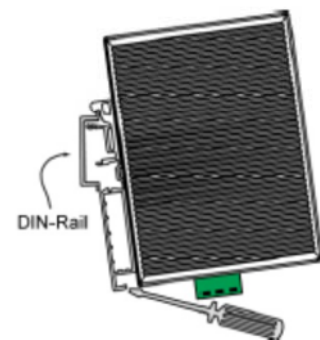
Step 2

The DIN rail attachment unit will snap into the place as shown below



Removal

Insert a flat-blade screw driver horizontally into the DIN rail kit under the unit, and then pull it upwards and release the unit towards you away from the DIN rail.



7 Valmet article number

VAL0372770.

8 Contact

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