VX-1000GPP
Hardened 1 RJ45 Gigabit data input port to 1 RJ45 Gigabit PSE output port 90W PoE Injector

This quick start guide describes how to install and use the VX-1000GPP Gigabit PoE Injector.

The VX-1000GPP supports LTPoE++ 90W high power, which is a perfect choice for Ethernet environments without a power source.

Overview

The VX-1000GPP is a Hardened PoE Injector which provides 2 10/100/1000Base-TX ports, 1 of those ports supports LTPoE++ 90W PSE (Power Sourcing Equipment) and compliant with IEEE 802.3at.

General

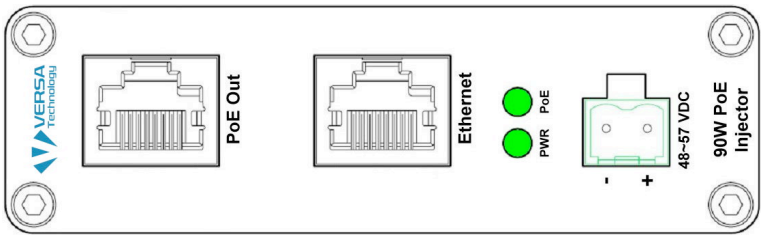
To ensure trouble free transportation and storage, all Versa Technology products must be thoroughly inspected, tested and properly packed before delivery. Check the product upon receipt for any visible damage, which may have been caused during shipment.

Package Content

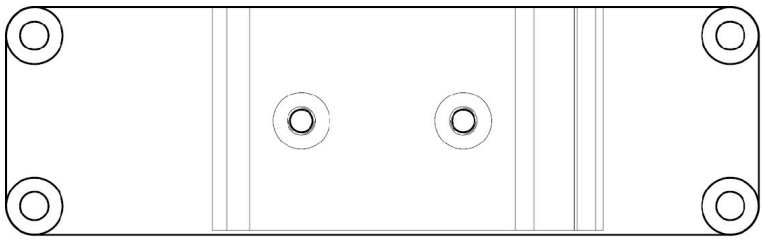
- VX-1000GPP 90W PoE Injector x 1
- Quick Start Guide x 1

Physical Description

Front Panel



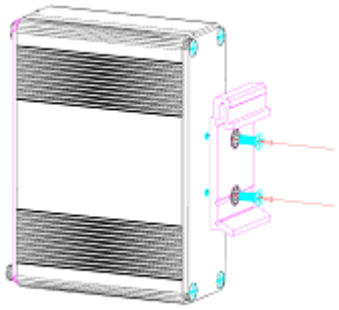
Rear Panel



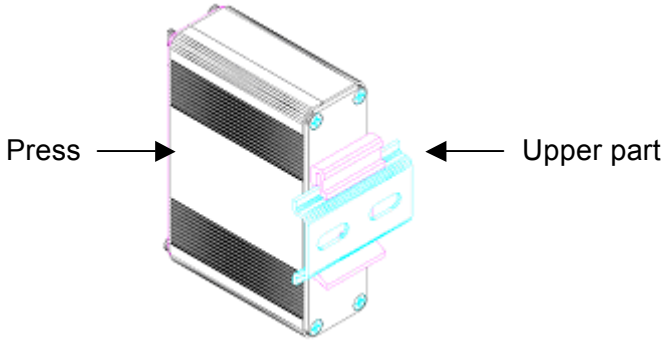
Installation

DIN Rail Installation

VX-1000GPP can be installed on a DIN rail. Installation steps are as follows:



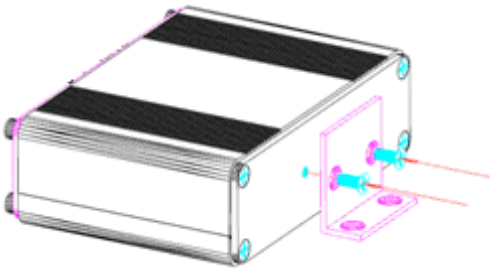
1. Tighten the screws to fix the DIN Rail plate



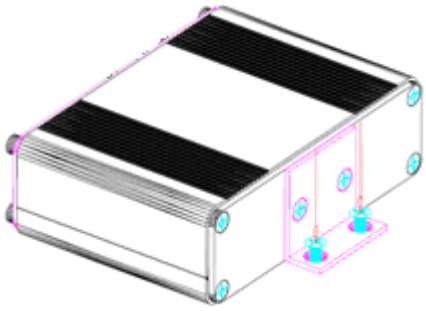
2. Lock the upper part of the DIN rail clip on the upper side of the track. Press it until the metal part moves downward and you hear a click sound

Wall Mount Installation

VX-1000GPP also can be installed on a Wall Mount. Installation steps are as follows:



1. Tighten the screws to attach the DIN Rail plate



2. Mount the switch on the wall or on a flat surface with 2 screws piercing through the mounting holes to secure it in position.

Setup

a) Connect the VX-1000GPP to the power supply. Ensure the power supply is connected to a power source and the PWR indicator is ON. If not, please ensure that the power cable is connected properly and the power supply is functioning normally.

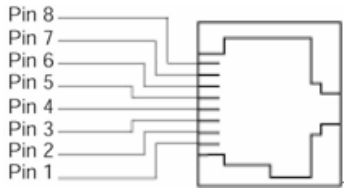
b) Connect the Ethernet Port to the network equipment (Switch or PC). Connect the PoE Out Port to the Power Device (PoE IP-CAM).

c) After all cables are correctly connected, the indicators will be lit as per port status LEDs (page 3).

VX-1000GPP
Hardened 1 RJ45 Gigabit data input port to 1 RJ45 Gigabit PSE output port 90W PoE Injector

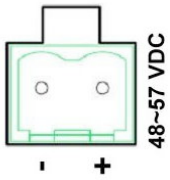
Interface

RJ-45 Pin Assignment



Pin	Signal Name
1	**TP0+** Positive (VCC+)
2	**TP0-** Positive (VCC+)
3	**TP1+** Negative (VCC-)
4	**TP2+** Positive (VCC+)
5	**TP2-** Positive (VCC+)
6	**TP1-** Negative (VCC-)
7	**TP3+** Negative (VCC-)
8	**TP3-** Negative (VCC-)

Power Connection

Pin / Description	V -	V +	
Power Input	GND	+48~57VDC	

Cable Connections

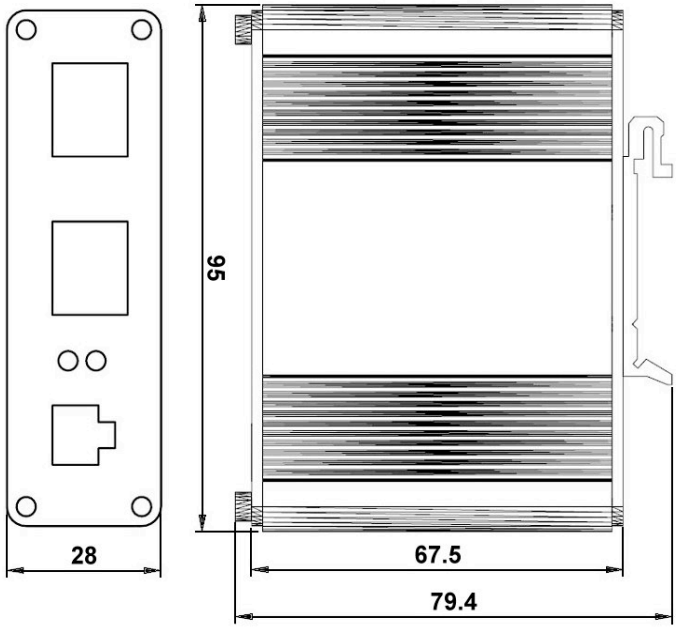
Signal Type	Cable Type	Connector
Ethernet	Cat. 5 or above	RJ45
Power supply	Power cable	2-pin Terminal Block

LED Indicators

Indicator	Color	Status	Description
PWR	Green	ON	Powered on
PoE	Green	ON	PoE is activated.
		Blinking	A Power Device (PD) is being detected.
		OFF	No device is connected or the connected device is not a PD.

VX-1000GPP
Hardened 1 RJ45 Gigabit data input port to 1 RJ45 Gigabit PSE output port 90W PoE Injector

Dimensions of the VX-1000GPP (Unit: mm)



Functional Description

- 1 RJ45 Gigabit data input port to 1 RJ45 Gigabit PSE output port (Data + Power)
- Supports LTPoE++ (90W)
- Compatible IEEE802.3at PoE+
- Support 10/100/1000Base-TX
- Extensive LED indicators for PoE diagnostics
- 48~57VDC Terminal Block Power inputs
- Supports DIN-Rail and Wall-mount installation
- -40°C to 75°C (-40°F to 167°F) operating temperature range