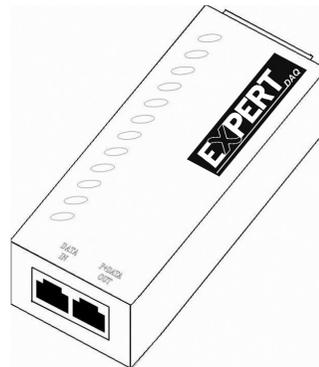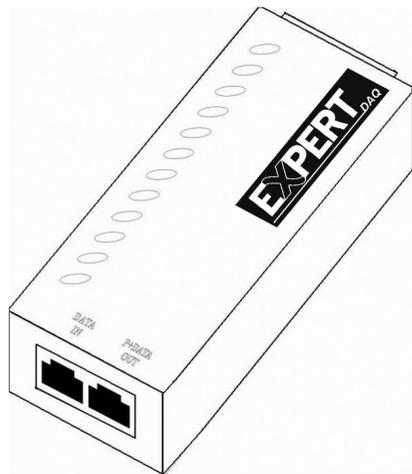# EX9100J
1-Pair Port PoE
Mid-Span Power Supply

User's Manual

FCC Warning

This device has been tested and found to comply with limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates and radiates radio frequency energy and, if not installed and used in accordance with the user's manual, it may cause interference in which case users will be required to correct interference at their own expenses.

CE Warning

This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Introduction

This PoE Mid-Span is 1-pair port power supply consisting of 1 Ethernet data input ports, and 1 Ethernet data output ports with 48V power equipped, which is fully IEEE 802.3af compliant. Any Ethernet "Data" cable can directly connect to the input port and then come out "Data + Power" from output port. It is smart plug and play and very easy to install in any existing networking system, to bring in PoE features without any new reconfiguration.
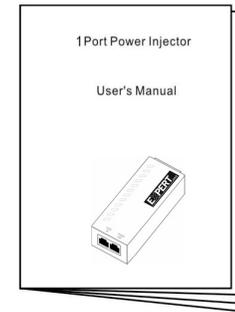

Package Contents

Before you start to install this PoE Mid-Span Power Supply, please verify your package that contains the following items:

- One PoE Mid-Span Power Supply
- One User's Manual

1 Port Power Injector

Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

Key Features

- 1 "Data" input ports compliant with IEEE 802.3 10BaseT and IEEE 802.3u 100BaseTX
- 1 "Data + Power" PSE/PoE output ports compliant with IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX and IEEE 802.3af PoE
- Supporting the power Max. 15.4 W for each PSE/PoE port
- Each output port has output current limited, short-circuit protection, complete Power Device (PD) detection and classification
- Smart plug & play

Front Panel (LEDs)

LED Indicators of 1-Pair Port PoE Mid-Span Power Supply

LED	Status	Description
Power	On	Power is on.
	Off	Power is off.

Connections

Power Device/Existing Switch to this 1-Pair Port Mid-Span Power Supply

Use Cat. 5 twisted-pair cable from the existing switch to the "Data" input port of this Mid-span Power Supply, and then connect the "Data + Power" output port to the Power Device, such as Wireless AP, another switches with PD function…etc.

Technical Specifications

Standards	IEEE 802.3af IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX
Features	Number of Ports: 1 Ethernet Input (data only) Port 1 Ethernet Output (data + power) Port
LED Indicators	Per Unit: Power
Power Input	100~240V/AC, 50~60Hz
Power Output	48V/DC at Full 15.4 W Output Supported
Power Consumption	15.4 Watts (Max)
Dimensions	120 x 50 x 35 mm (L x W x H)
Weight	0.14 kg
Operating Temperature	0 to 40
Storage Temperature	-20 to 85
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE