DIGITUS ®

32-port (16 Pair) PoE Mid-Span Power Supply

User's Manual
DN-95113

FCC Warning

CE Warning

Introduction

This PoE Mid-span is 16-pair port power supply consisting of 16 Ethernet data input ports, and 16 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.
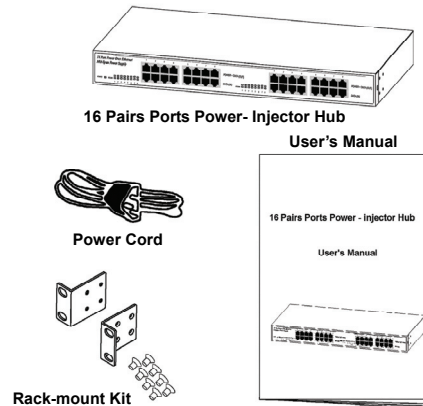
The rack-mount size was specifically designed for medium to large workgroups. The Switch can be installed where space is limited; moreover it provides smooth network migration and easy upgrade to network capacity. The 483mm (19") size can be rack-mount on cabinet.

Package Contents

Before you start to install this switch, please verify your package that contains the following items:

- One PoE Mid-Span Power Supply
- Rack-mount Kit for Rack Installation
- One Power Cord
- One User's Manual

16 Pairs Ports Power- Injector Hub

User's Manual

Power Cord

16 Pairs Ports Power - injector Hub

User's Manual

Rack-mount Kit

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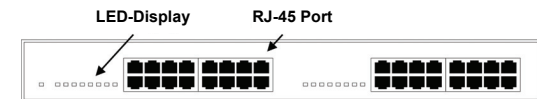
Key Features

- 16 "Data" input ports compliant with IEEE 802.3 10BaseT and IEEE 802.3u 100BaseTX
- 16 "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
- Rack-mount size
- 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 16 Pair Port PoE Mid-Span Power Supply

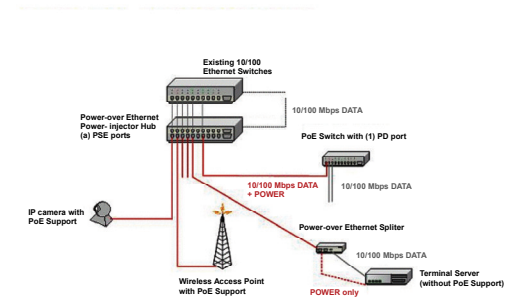| LED	Status	Description
Power	On	Power is on.
	Off	Power is off.
PD Link	On	Port is connected to a Power Device port and supplies 48
	Off	No Power Device is connected

LED-Display **RJ-45 Port**

Connections

Power Device/Existing Switch to this 16 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.
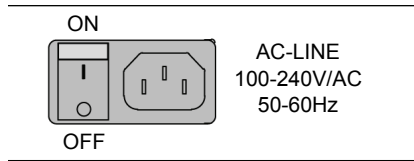
Power-over-Ethernet Switches

Rear Panel (Power)

AC input

AC input (100~240V/AC, 50~60Hz)

ON

AC-LINE
100-240V/AC
50-60Hz

OFF

Technical Specifications

Standards	IEEE 802.3af IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX
Features	Number of Ports: 16 10/100BaseT(X) Data-In Ports 16 10/100BaseT(X) Data and Power-Out Ports
LED Indicators	Per Port: PoE ACT/Status Per Unit: Power
Power Input	100~240V/AC, 50~60Hz
Power Output	48V/DC Per Port Output – 15.4 W Max Per Port 16 Ports at Full 15.4 W Output Supported
Power Consumption	260 Watts (Max)
Dimensions	440 × 220 × 44 mm (L x W x H)
Weight	3.8 kg
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE