DIGITUS®

8-PORT POWER OVER ETHERNET WEB SMART SWITCH

Quick Installation Guide
(DN-95311)

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 switch provides 8 10/100M ports. It was designed for easy installation and high performance in an environment where traffic is on the network and the number of users increases continuously.

It consists of 8 PSE/PoE ports. That can solve the limitation of the power outlet location and offer the system designer a flexible solution to locate the network device everywhere.

The compact rigid desktop size is specifically designed for small to medium workgroups. It can be installed where space is limited; moreover, it provides smooth network migration and easy upgrade the network capacity.

Package Contents

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

- One PoE Web Smart Fast Ethernet Switch
- One Power Cord
- One CD (User's Manual)
- 19" Rack Mount Kit

8 Port 10/100Mbps
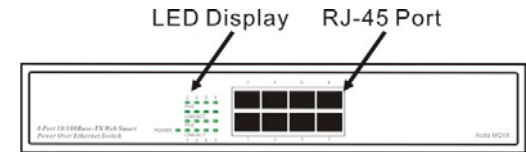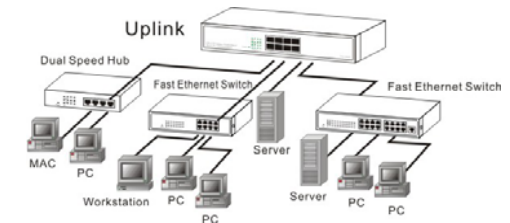Power Over Ethernet Switch

Power Cord

Rack-mount Kit   CD

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

Key Features

- 8 Port 10/100M Nway (Auto-negotiation) Web Smart Switch
- 8 PSE/PoE function ports
- Supporting the power Max. 15.4 W for each PSE/PoE port
- Desktop size with metal case
- Can be installed in a 483mm (19") cabinet by rack-mount kits
- Auto-learn of networking configurations
- Auto-detect full/half-duplex modes for any port
- Dedicated full-duplex 200Mbps bandwidth
- Store-and-Forward switching methods
- IEEE 802.3x flow control for full-duplex and back-pressure flow control for half-duplex
- Non-blocking & Non-head-of-line blocking full wire speed forwarding
- Auto-MDI/MDI-X function for any port
- Smart plug & play

Front Panel (LEDs)

LED	Status	Description
Power	On	Power is on
	Off	Power is off
LINK/ACT	On	Connection established
	Off	No connection
	Flashing	Data is transmitting or receiving
PoE	On	Port is linked to Power Device
	Off	No Power Device is connected

LED Display   RJ-45 Port

Connections

Switch/Hub to this 8 Port PoE Fast Ethernet Switch

This switch provides automatic crossover detection functionality for any port. It is simple and friendly to up-link to another switch without crossover cable.
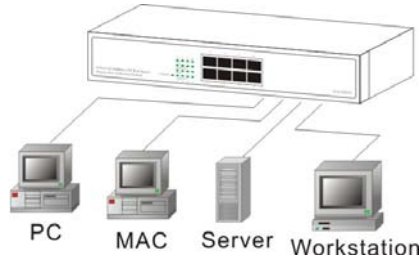

Uplink

Dual Speed Hub   Fast Ethernet Switch   Fast Ethernet Switch

MAC   PC   Server
Workstation   PC   Server   PC   PC
PC

PC/Other devices to this 8 Port PoE Fast Ethernet Switch

Via a twisted pair cable straight through, this switch can be connected to PCs, servers and other network devices.
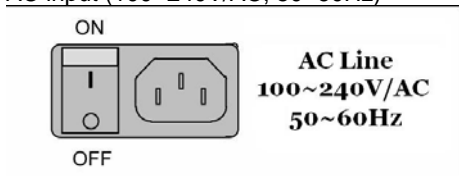

PC   MAC   Server   Workstation

Power Device to this 8 Port PoE Web Smart Fast Ethernet Switch and getting 48V power source through Cat. 5 cables

Using Cat. 5 twisted-pair cable to connect Power Device to the port 1~8 of this switch. Then this switch will supply 48V power to Power Device via Cat. 5 twisted-pair cable. Please be noted Power Device should also comply with IEEE 802.3af standard.

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 802.3 10BaseT ▪ IEEE 802.3u 100BaseTX ▪ IEEE 802.3x Full-duplex and Flow Control ▪ IEEE 802.3ad Trunk (Link Aggregation) ▪ IEEE 802.3af Power Over Ethernet (PoE) ▪ IEEE 802.1Q VLAN ▪ IEEE 802.1p Class of Service ▪ IEEE 802.1x Port Based Network Access Control ▪ IEEE 802.1d Spanning Tree Protocol ▪ IEEE 802.1w Rapid Spanning Tree Protocol
Features	Number of Ports:8 PoE Ports MAC Address: 4K Buffer Memory: 1.625M bits Method: Store and Forward
Filtering/ Forwarding Rates	100Mbps port – 148,800pps 10Mbps – 14,880pps
Transmission Media	100BaseTX Cat. 5 UTP/STP
LED Indicators	Per Port : LINK/ ACT, PoE Port :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
Power Consumption	130 Watts (Max)
Dimensions	266 × 160 × 44 mm (L x W x H)
Weight	1.8 kg; W/Package: 2.2 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