



8 Port Gigabit PoE Switch, 19 Inch, Unmanaged, 2 SFP Uplink



Quick Installation Guide

DN-95341-1

1. Introduction

The DIGITUS 8-Port Gigabit Rack mount Switch with eight Power over Ethernet ports and two additional SFP Fiber Port, offers your network significant improvement in terms of performance and efficiency. Thanks to PoE support, you only need a single (network) cable for power and data transfer. This switch makes it much easier to connect devices such as access points, network cameras, and IP telephones, and requires far less cabling than alternatives. It also allows you to extend your network in places where there are no power supply cables or sockets available. The switch does not require any configuration and therefore guarantees quick and seamless integration into the network. Moreover, the switch has a rack mountable design and can be easily installed with many standard racks, which makes this device the perfect solution for data center and local server rooms.

2. Features

- 8-Port 10/100/1000 Mbps PoE Gigabit rack mountable Switch + 2x SFP Uplink
- Ethernet IEEE802.3 / 802.3u / 802.3x/802.3ab/802.3z / IEEE802.3 af/at
- Power over Ethernet (PoE) - You only need one cable for power and data transfer
- PoE power budget: 140 Watts
- Supports PoE: Provides 8 PoE Port, each port output 30W maximum power
- No configuration necessary
- Status LEDs on each port
- Pin Feet: V+ (RJ45 Pin 3, 6) V- (RJ45 Pin 1, 2)
- Backplane: 20Gbps
- MAC address table: 4K
- Rack mountable in system rack (1U)
- Internal power supply: 150W
- Dimensions (L x W x H): 275 mm x 200 mm x 44 mm
- Weight: 4500g
- Ethernet speed: Gigabit
- Number of ports (uplink): 2
- Connection of uplink port: SFP
- VLAN: no
- PoE standard: IEEE802.3at (PoE+)

3. Package Contents

- 8P POE switch 2 SFP Uplink Ports
- User Manual
- Power Cable
- Rubber feet 4pcs
- Mounting brackets 2pcs
- Screws 6pcs



4. Specifications

| | |
|-------------------------|---|
| Fixed port | 8 x 10/100/1000Mbps PoE ports and 2 Gigabit SFP Ports |
| Standards and protocols | IEEE802.3 10Base-T Ethernet standard IEEE802.3u 100Base-TX Fast Ethernet standard IEEE802.3ab 1000Base-T Ethernet standard IEEE802.3z Gigabit Ethernet (fiber) IEEE802.3x Full duplex flow control and Backpressure Half duplex flow control IEEE802.3ab Link aggregation |
| Forwarding Rate | 10/100/1000Mbps |
| LED Indicators | Power, Link/Act, PoE |
| AC Input Voltage Range | 100V~240V AC, 50/60Hz |
| Operating temperature | 0°C ~ 40°C |
| Storage temperature | -10°C ~ 70°C |
| Operating humidity | 5%~95% (non-condensing) |
| Exchange capacity | 20G |
| MAC Addresses | 4K |
| Power Supply | 150W |
| Power Consumption | 10W |
| PoE Technology | |
| PoE Compliance | 100% IEEE 802.3af, 802.3at compliant |
| PoE Classification | PSE (Power Sourcing Equipment) |
| PoE Voltage | +52 VDC |
| PoE Power Budget | 140W |
| PoE Power | Up to 30 W per port |
| PoE Operation | Automatic detection and power management |
| PoE Pin Assignments | V+ (RJ45 Pin 3, 6), V- (RJ45 Pin 1, 2) |
| PoE Disconnect Mode | DC disconnect |
| Mechanical | |
| Casing | Metal |
| Dimensions (W x L x H) | 275mm x 200mm x 44 mm |
| Installation | Rack mounting or Desktop |

5. External Component Description

Front Panel

The front panel consists of LED indications and network ports.



PWR LED: The Power LED lights up when the Switch is connected to a power source.

Link/Act LED: The Link/Act LED flashes which indicates a network link through the corresponding port. Blinking indicates that the Switch is either sending or receiving data to the port.

PoE indicator: constant brightness indicates that the PD device is connected to the corresponding port, and extinguished indicates that the port is not powered or no PD device is found.

Rear Panel

The rear panel view of the Switch consists of an AC power connector.



Power outlet: Supports input voltages 100-240VAC, 50/60Hz.

Switch: Used to connect the power supply.

Fuse: Prevent affect the power grid from equipment short circuit.
(Tank containing a spare fuse)

Grounding: use specialized ground lead connect.

6. Hardware installation

6.1 switch installation

For safe switch installation and operation, it is recommended that you:

- Visually inspect the power cord to see that it is secured fully to the AC power connector
- Make sure that there is proper heat dissipation and adequate ventilation around the switch.
- Do not place heavy objects on the switch.

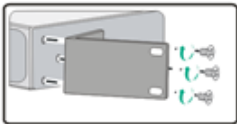
Desktop or Shelf Installation

When installing the switch on a desktop or shelf, the rubber feet included with the device must be attached on the bottom at each corner of the device's base. Allow enough ventilation space between the device and the objects around it.

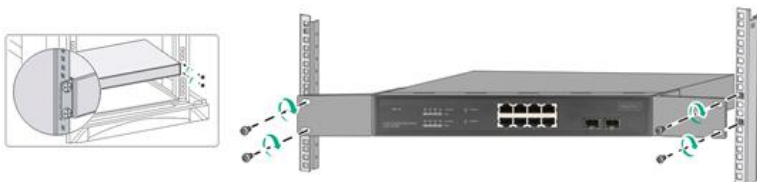


Rack Installation

The switch can be mounted in an EIA standard size 19-inch rack, which can be placed in a wiring closet with other equipment. To install, attach the mounting brackets to the switch's side panels (one on each side) and secure them with the screws provided (please note that these brackets are not designed for palm size switches).



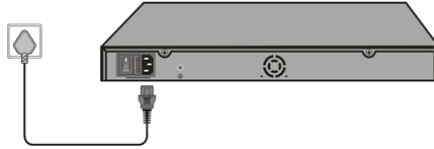
Then, use the screws provided with the equipment rack to mount the switch in the rack.



6.2 Plugging in the AC Power Cord

You can connect AC power supply cord to switch back and the other side connect the power outlet. (Power outlet might as well grounding and support over voltage protection)

Warning: Do not turn on the power switch before power cables are connected. Power surge may cause damage to the Switch.



Power failure

As a precaution, the switch should be unplugged in case of power failure. When power is resumed, plug the switch back in.

Network connection



| | | | | | |
|---|---------|---|-----|---|---------------|
| 1 | Monitor | 2 | NVR | 3 | PoE IP Camera |
|---|---------|---|-----|---|---------------|

CE Mark Warning: This is a Class A product. In home environment, this product may cause radio interference. In this case, the user may be required to take appropriate measures.

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

www.assmann.com
Assmann Electronic GmbH
Auf dem Schüffel 3, 58513 Lüdenscheid, Germany



