



Fast Ethernet PoE af/at 8-port Switch + 2 uplinks



User Manual
DN-95323-1 Rev. 2

Package Contents

Check the following contents of your package:

- PoE Switch x1
- User Manual x1
- Power Cord x1
- Accessories
(Rubber Feet*4, 19" bracket*2)



If any part is lost and damaged, please contact your local agent immediately.

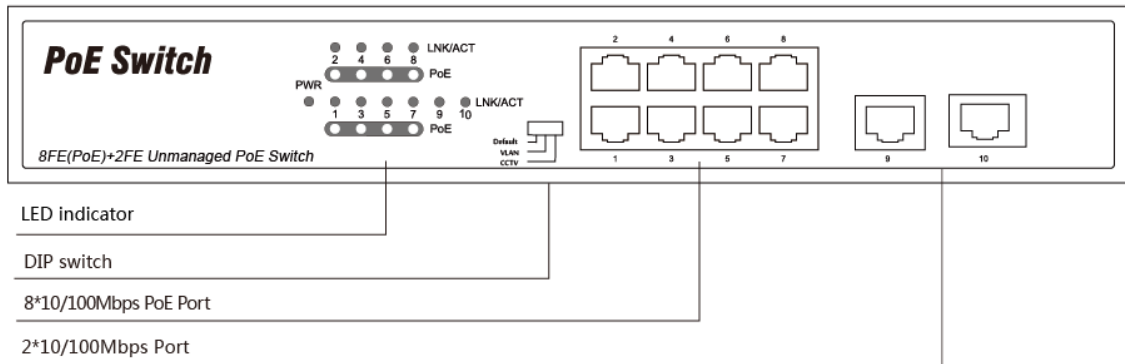
Introduction

The DIGITUS® 8-port Fast Ethernet Switch with 8 Power over Ethernet ports provides your network a noticeable improvement in performance and efficiency. Thanks to PoE+ (30W) support, you only need one cable (network cable) for power and data transfer. This enables you to expend your network even where no power lines or outlets are available. The switch doesn't need a configuration so a fast and seamless integration you're your network is guaranteed. With the integrated DIP switch, you can activate the VLAN mode (Virtual Local Area Network). By the port separation an optimal and time-saving identification of the connected devices (e.g. IP-Network cameras) is possible without using a web interface. Multicast and broadcast requests are also prevented via the port-based VLAN function. The Extensive mode can be used to extend the range by up to 250 m at 10 Mbps.

Hardware Description

Front Panel

The Front Panel Consists of Ethernet Ports. The LED indicators are also located on the panel.



DIP Switch

The DIP switch located on the left panel.

Default: The factory default mode, normal communication between port 1~10.

VLAN: Port 1-8 are isolated to stop broadcast Storm and increase forwarding rate of frame but can communicate via uplink port 9 and 10 **CCTV** Up to 250m PoE distance allows you to expand you network via Ethernet cable to where there is no power Line or outlet. Network speed will be reduced to 10Mbps

Note: After change the mode, in order to make the corresponding configuration take effect you need to manually restart

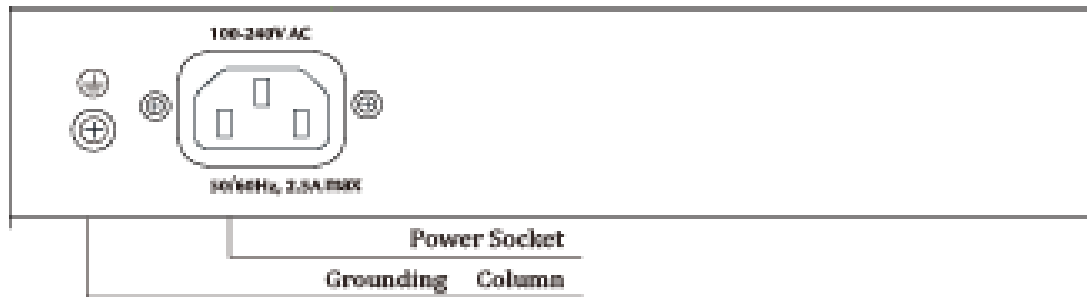
LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply Light: Indicates the switch has power
LNK/ ACT	Green	Off: No device is connected to the corresponding port Light: Indicates the link through that port is successfully Established at 10/100Mbps Blink: Indicates that the Switch is actively sending or receiving data over that port
PoE	Orange	Off: No PoE powered device (PD) connected Light: There is a PoE PD connected to be port Blink: Indicates port abnormal PoE function

Rear Panel

The rear panel of the PoE Switch indicates an AC inlet power socket, which accepts input power from 100 to 240V AC, 50/60HZ.





Power socket

Connect the female connector of the power cord here, and the male connector to the AC (Alternating Current) power outlet. Please make sure the voltage of the power supply meets the requirement of the input voltage

Grounding column

The switch already comes with lightning protection mechanism. You can also ground the switch through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

Installation of the Switch

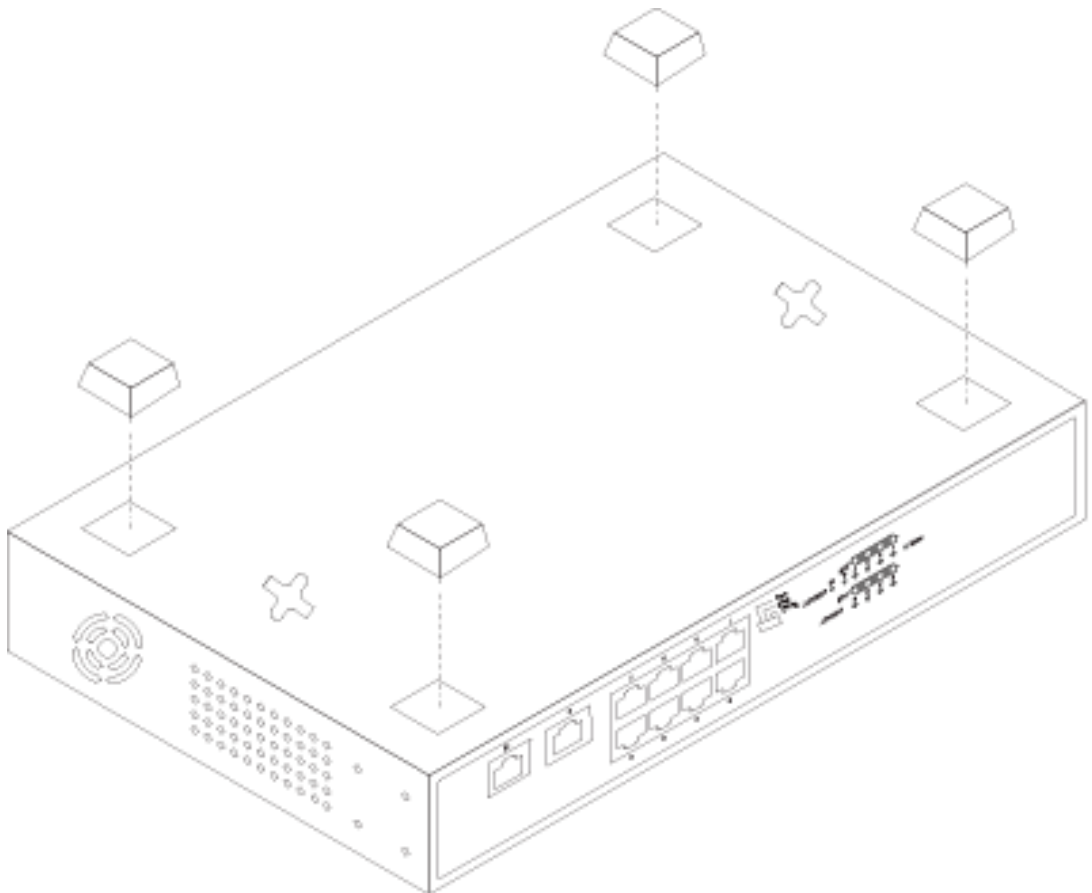
This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions to avoid incorrect installation causing device damage and security threat.

- Before cleaning the switch, unplug the power plug of the switch first. Do not clean the switch with wet cloth or liquid
- Do not place the switch near water or any damp area
- Prevent water or moisture from entering the switch chassis
- Do not place the switch on an unstable case or desk. The switch might be damaged severely in case of a fall

- Ensure proper ventilation of the equipment room and keep the ventilation vents of the switch free of obstruction
- Make sure that the operating voltage is the same one labeled on the switch
- Do not open the chassis while the switch is operating or when electrical hazards are present to avoid electrical shocks.

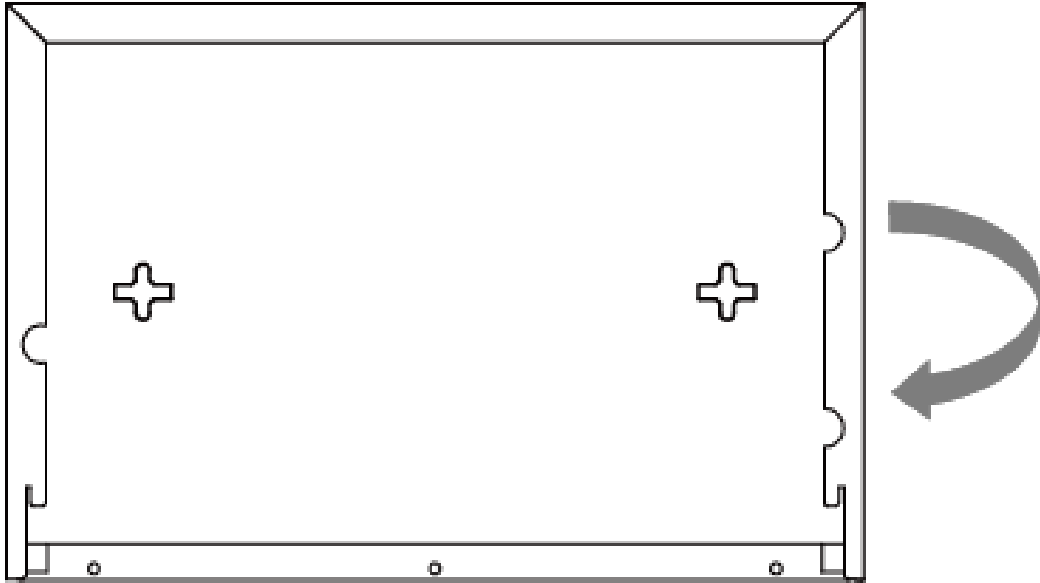
Desktop Installation

Install the Switch on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the Switch in case of external vibration. Allow adequate space for ventilation between the device and the objects around it.



Wall-mounted installation

Fix the two screws on the wall as shown in the figure below
Place the switch smoothly on the screws to fix it to the wall



Turn on the switch

Please connect the AC power cord into the rear of the switch and to an electrical outlet (preferably one that is grounded). When the switch is power on, the LED indicators flash momentarily for one second, which represents a resetting of the system. The Power LED indicator turns on green.

Note: Please confirm the voltage is correct before power on, otherwise the switch will be damaged.
(The power input is: 100V-240Vac, 50/60Hz.)

Specifications

Model	8*FE (PoE)+2FE Uplink PoE Switch
Standard	IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at
Network Media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m)
MAC Address Table	1K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port
Switching Capacity	2G
Dimensions (L*W*H)	220 *150*44mm
Fan	Fanless
Power Input	AC: 100~240V, 50/60Hz
PoE Port	Port 1~8
PoE Power on RJ45	Mode A 1/2(+), 3/6(-)
PoE Power Output	Voltage: 55V DC Power: 30W(Max)
PoE Power Budget	120W
Temperature	Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing

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.

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