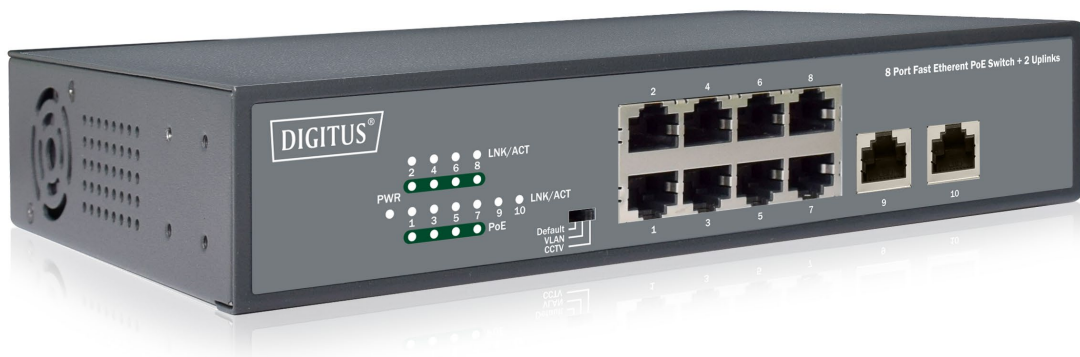




# FAST ETHERNET POE AF/AT 8-PORT SWITCH + 2 UPLINKS



## User Manual

DN-95323-1 Rev. 3

## 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.

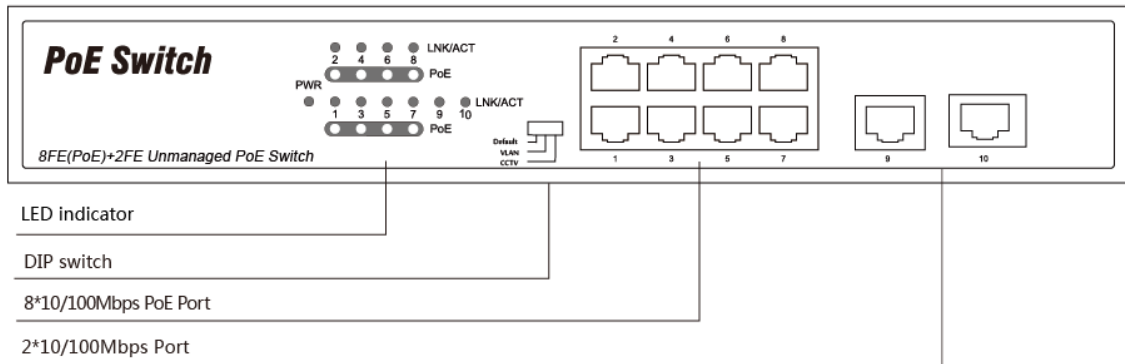
## Introduction

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 CCTV 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. Support PD-alive function at CCTV mode.

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

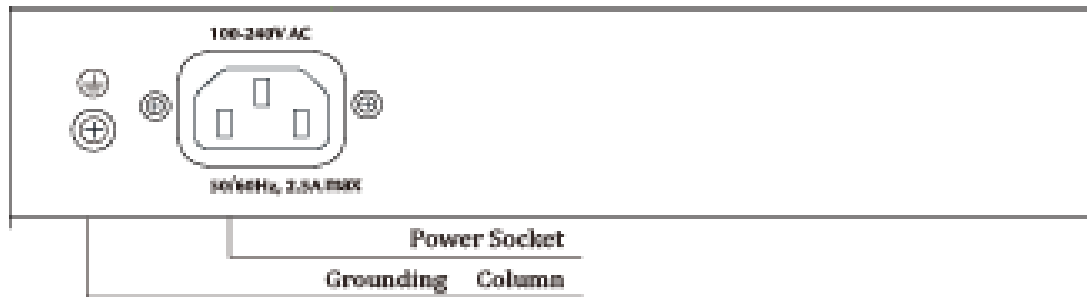
## LED indicator

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

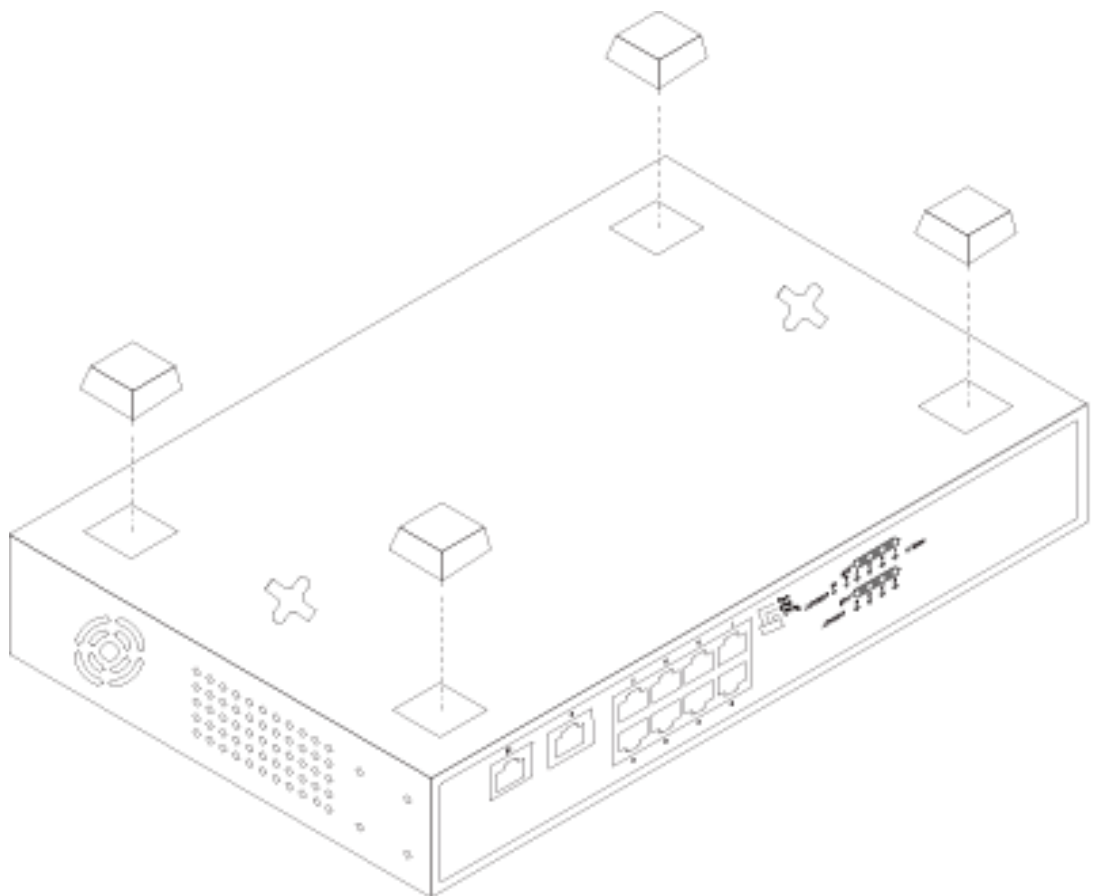
This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions to avoid incorrect installation causing device damage and security threat.

- 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.

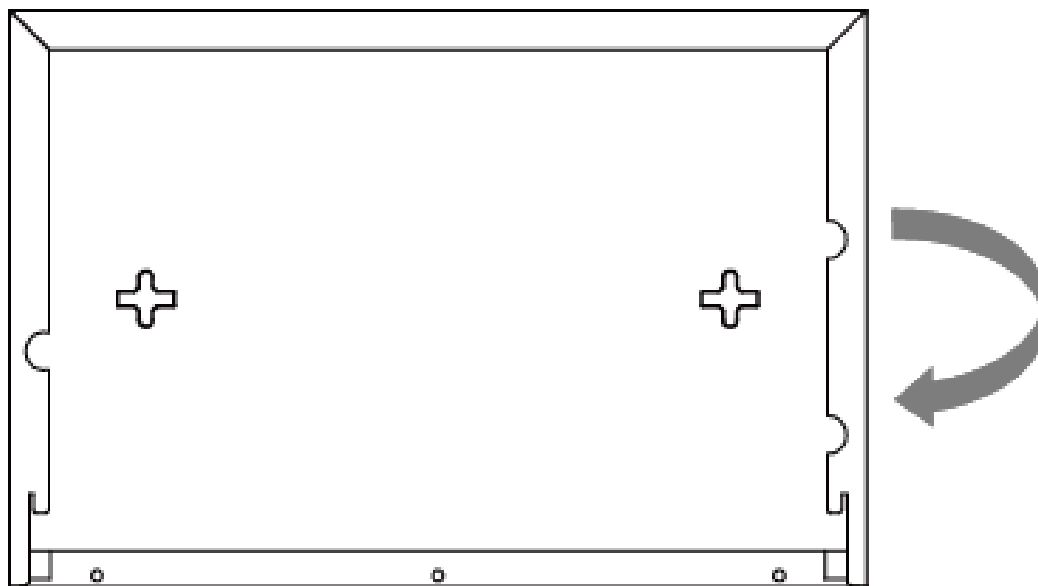
## Desktop Installation

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

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