# DIGITUS®

8-Port PoE Gigabit rack mountable Switch + 1x SFP Uplink

Manual
DN-95341

Products Description:

The DIGITUS 8-Port Gigabit Rack mount Switch with eight Power over Ethernet ports and one 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.
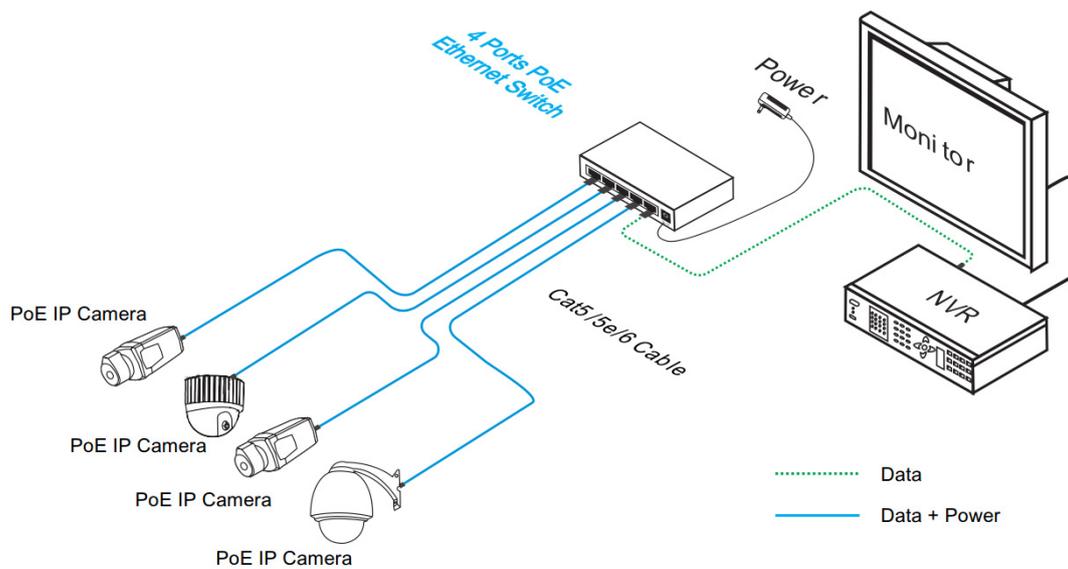
Product Features:

- 8-Port 10/100/1000 Mbps PoE Gigabit rack mountable Switch + 1x 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: 144 Watts (one to eight ports)
- Supports PoE: Provides 8 PoE Port, each port output 30W max power
- No configuration necessary
- Maximum power output: 150 Watts
- Status LEDs on each port
- Pin Feet: V+ (RJ45 Pin 1, 2) V- (RJ45 Pin 3, 6)
- Circuit isolation protection
- Backplane: 18Gbps
- MAC address table: 4K
- 1U Rack Design
- Internal power supply
- Dimensions (L x W x H): 350 mm x 210 mm x 54 mm
- Weight: 1640g
- Color: Black

Package Content:

- 8-Port Gigabit Switch
- Manual
- Power cable
- Mounting Accessories

Hardware Description:

■ **The Front Panel**

The front panel consists of LED Indications.

■ **LED Indicators**

Per Device: Power
Per Port: LINK/ACT (Link/Activity)
Per PoE Port: PoE
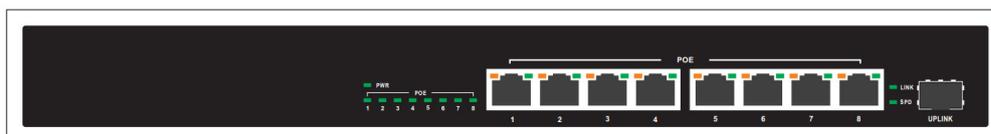
LED	Status	Color	Description
Power	On	Green	The switch is supplied with suitable power.
LINK/ACT	On	Green	The port is connecting.
	Blinks	–	The port is receiving or transmitting data.
	Off	–	The port is not linked successfully with the device.
PoE	On	Green	PD is connected
	Off	–	No PD is connected or power forwarding fails

■ **The Real Panel**

The rear panel view of the PoE switch consists of an AC power connector.
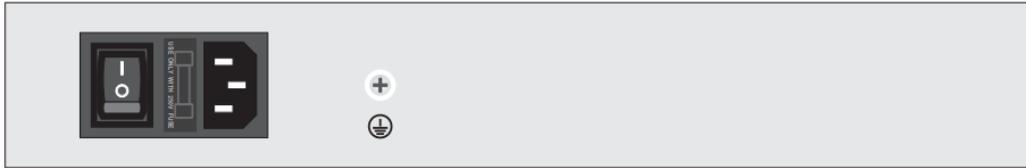
■ **RJ-45 Ports (Auto MDI/MDIX)**

8 auto-sensing ports of 10Base-T, 100Base-TX or 1000Base-TX connections.

All ports can support Power over Ethernet to power devices.

Remark: MDI means connecting to another Hub or Switch while MDIX means connecting to a workstation or PC. Therefore, Auto MDI/MDIX means that you can connect to another Switch or workstation without changing pin-to-pin or crossover cabling.

■ **AC Power Connector**

Plug the female connector into the switch and male connector into a power outlet. Supports input voltages 100-240VAC, 50/60Hz.

Product Specifications:

Item	Description
Summarize	
Fixed port	8 x 10/100/1000Base-TX ports. 1 x 1000M SFP ports.
LED Indicators	PWR, PoE, Link/Act LED.
Input voltage	100V～240V AC，50/60Hz
Network Standard	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3x Flow Control, IEEE 802.3az
Network Media	10BASE-TX: UTP category 5, 5e cable (≤250m) 100BASE-TX: UTP category 5, 5e cable (≤150m) 1000BASE-TX: UTP category 5, 5e cable (≤150m) Uplink Fiber Port: Single Fiber 20KM, Double Fiber: 20Km
Power Supplies	150W
Operating temperature	0℃～40℃
Storage temperature	-10℃～70℃
Relative humidity	20%～85% (non-condensing).
Thermal methods	Integrated Fan (25dB)
Switching capacity	18G.

MAC address table	4K.
Traffic control	IEEE 802.3x full-duplex flow control.
Weight	<3.5KG
PoE	
PoE port	4/8 10/100/1000Base-TX ports.
PoE Standard	IEEE802.3af, IEEE802.3at, per port 30W(MAX), Total 150W.
Pin assignment	V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6).

Warning:
This device is a class B product. This equipment may cause some radio interference in living environment. In this case, the user can be requested to undertake appropriate measures to prevent interference.