DIGITUS®

8-Port Gigabit Switch with 6 x PoE Ports, 2 x RJ45, 2 x SFP Uplink, 802.3 af/at/bt

User Manual

DN-95140

Contents

Introduction

The DIGITUS® 8 Port Gigabit PoE Switch provides you with a multifunctional switch for many application scenarios. You can use all 8 ports for conventional network devices without a PoE supply. You can use six ports for PoE-cable network devices, two of those ports even with 90 watt (IEEE 802.3bt) per port. The remaining 4 ports support IEEE 802.3at/af devices up to 30 watt. Two SFP uplink ports are also integrated, which you can fit with SFP modules for fiber optic or copper technology. The gigabit standards continue to be supported with data transfer rates of up to 1000 Mbps, auto MDI/MDIX and auto negotiation for the RJ45 ports. The Switch also has 3 modes: Legacy BT, BT and UPoE that can be adjusted on the front side with a DIP Switch. You can implement conventional network applications with this Gigabit PoE Switch and also supply high-performance network devices, such as POS systems, access control systems, a surveillance and parking-lot system with electricity. A total budget of 180 W is provided here for PoE devices.

Package Content

Check the following contents of your package:

- 1x PoE Switch
- 1x User Guide
- 1x Power Cord
- 1x Accessories (4x Rubber Feet)
- 1x Mounting Bracket set

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

Hardware Description

1.) LED indicator
2.) DIP switch
3.) 6x 10/100/1000 Mbps PoE Port
4.) 2x 10/100/1000 Mbps Port
5.) 2x 10/100/1000 Mbps SFP Slot
6.) Grounding column
7.) Power socket

Front Panel (left)

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

DIP Switch: Control port 1-2 in different power supply modes

Note: After change the mode, there is no need to restart manually to make the corresponding configuration take effect.

LED Indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.
LINK/ACT	Green	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 10/100/1000Mbps. 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 the port, which supply power successfully. Blink: Indicates port abnormal power supply.

Rear Panel (right)

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.

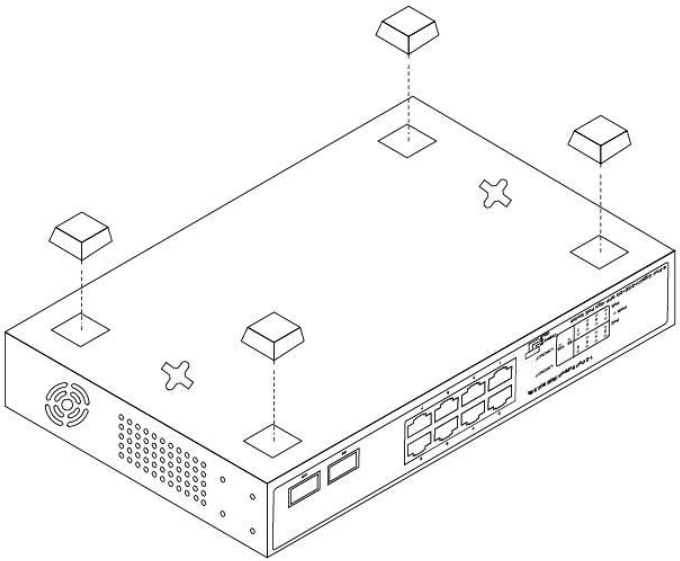
Installation the Switch

This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions in avoid of 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.

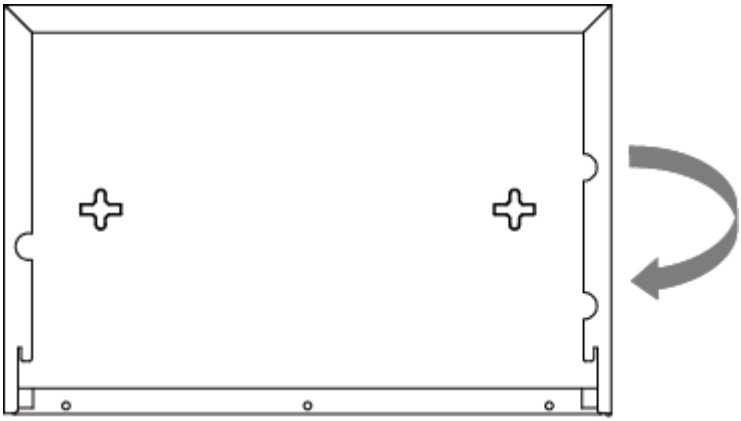
Desktop Installation

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 the external vibration. Allow adequate space for ventilation between the device and the objects around it.



Wall-mounted installation

Fasten 2 screws in the wall at the distance of the switch mounting holes as shown in the drawing. Then you can mount the switch on the wall by hooking the screws into the mounting holes.



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-Port Gigabit Switch mit 6 x PoE-Ports, 2 x RJ45, 2 x SFP Uplink, IEEE 802.3 af/at/bt
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3i, IEEE 802.3, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3az
Network Media	1000BASE-T: UTP category 5e cable (≤100m) 10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m)
MAC Address Table	4K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port 1000Base-T/X: 1488095pps/Port
Switching Capacity	20G
Dimensions (L*W*H)	220 x 150 x 44mm
Fan	Fan
Power Input	AC: 100~240V, 50/60Hz
Power Supply	190W
PoE Port	Port 1~6
PoE Power Budget	180W
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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