



5 Port Gigabit Switch, Unmanaged



Quick Installation Guide

DN-80202-1

1. About The Guide

This guide provides instructions to install the Ethernet Switch.

Note: The model you have purchased may appear slightly different from the illustrations shown in the document. Refer to the Product Instruction and Technical Specification sections for detailed information about your switch, its components, network connections, and technical specifications.

This guide mainly divides into 3 parts:

1. Product introduction: functional overview and introduction of panel definitions
2. Hardware installation: step by step hardware installation process
3. Technical specifications

2. Product Introduction

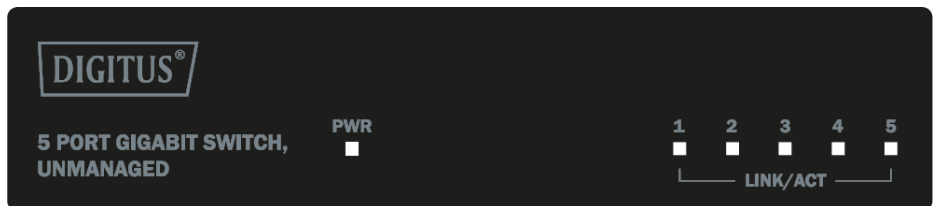
The 5-Port Gigabit Switch from DIGITUS® is perfectly suited for the easy expansion of your network. Thanks to its fanless design, the switch operates completely noise-free and does not require configuration. Each port can be used as a LAN or uplink port, the cable and network speed are detected automatically. The switch also supports the energy saving features IEEE802.3az & Full-Duplex Flow Control IEEE802.3x. Real Plug and Play – Just plug in the network cable and get started.

Product Features

- Automatic MDI/MDI-X crossover for plug-and-play
- 5 port supports both 10/100/1 000 Mbps speed auto negotiation
- 5 DC 1 A external power adapter
- Supports operating temperatures from 0 °C ~ 40 °C

Front Panel

The front panel consists of LED indications.



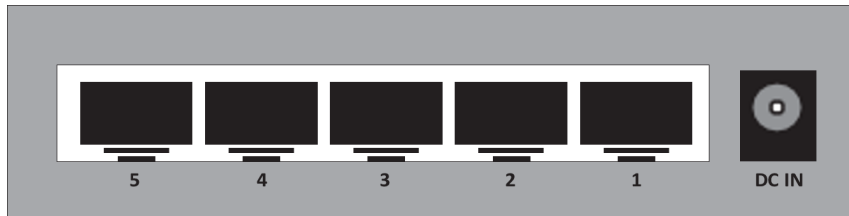
LED Lamp

Power: 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.

Rear Panel

The rear panel view consists of a DC power connector and network ports.



Connect the power adapter output terminal to this port. Supports input voltages 5V 1A.

3. Hardware installation

This chapter provides unpacking and installation information for the Ethernet switch.

Open the seal

Open the shipping carton and carefully unpack its contents. Please consult the packing list located in the User Manual to make sure all items are present and undamaged. If any item is missing or damaged, please contact the local reseller for replacement.

- Switch 1 pcs
- Power adapter 1 pcs
- QIG 1 pcs

Connecting power supply

Using the AC power cord to connect to the power adapter, and then plug the output terminal of the adapter into the DC IN socket on the back of the switch. (The AC power outlet should be grounded)

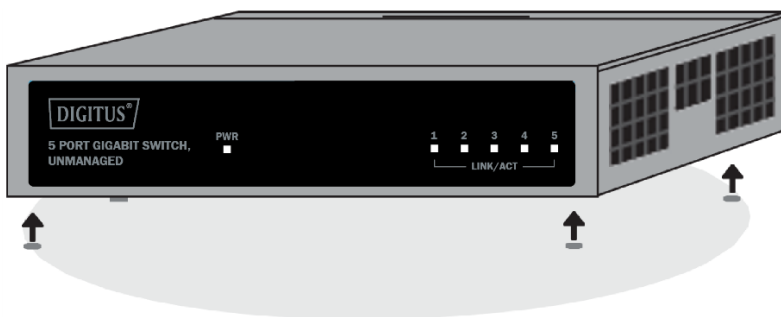
Switch installation

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

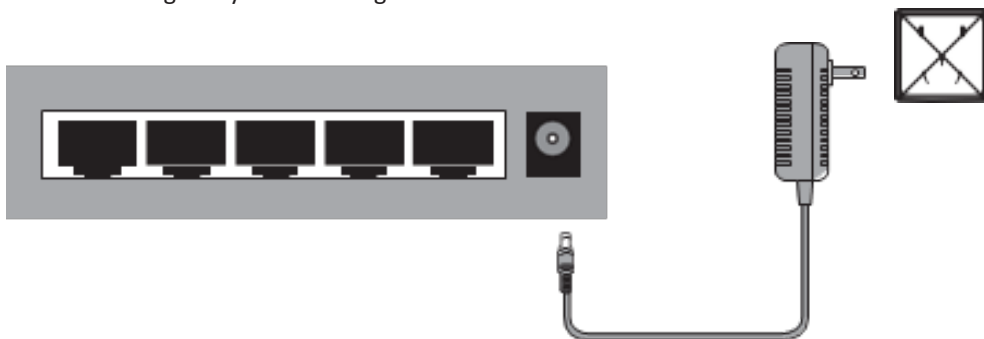
- Visually inspect the power cord to see that it is secured fully to the AC power connector.
- Make sure that there is proper heat dissipation and adequate ventilation around the switch.
- Do not place heavy objects on the switch.

Desktop Installation

When installing the switch on a desktop, 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.



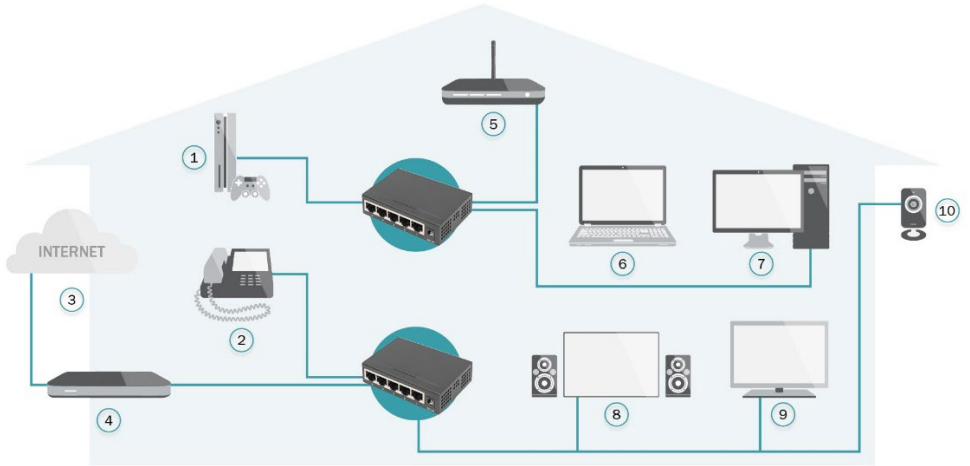
Warning: Do not turn on the power switch before power cables are connected. Power surge may cause damage to the Switch.



Power failure

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

4. Application



1. Gaming console
2. VoIP Phone
3. Internet
4. Broadband Router
5. Wireless Access Point
6. Notebook
7. PC
8. Home Cinema
9. IPTV
10. IP Camera

5. Technical Specifications

Hardware technology	
Standard	IEEE 802.3, 802.3u, 802.3x,802.3ab,802.3az
Processing type	Store & forward; wire speed switching
MAC addresses	2K
Memory bandwidth	10 Gbps
Throughput (packet per second)	7.44 Mpps
Flow control	IEEE 802.3x flow control, back pressure flow control
Basic function	Full duplex wire-speed forwarding MAC Address Auto-Learning and Auto-updating

	IEEE802.3x Full-Duplex flow control IEEE802.3az Energy Efficient Ethernet (EEE)
Forwarding rate	10BASE-T: 14 880 pps/port 100BASE-TX: 148 800 pps/port 1 000BASE-TX: 148 800 pps/port
Network media	10BASE-TX: UTP category 5, 5e cable (≤ 250 m) 100BASE-TX: UTP category 5, 5e cable (≤ 150 m) 1 000BASE-TX: UTP category 5, 5e cable (≤ 150 m)
Interface	
RJ45 ports	5 10/100/1000Mbps Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
LED indicators	Power, Link/Act
Power input	
Power Supply	External power adapter
DC input voltage	5V 1A
DC input protection	Hot swap protection, over-voltage protection and under-voltage protection
Power Consumption	3W
Mechanical	
Casing	Metal
Dimensions (W x L x H)	92 x 69 x 25 mm
Installation	Desktop
Environment	
Operating temperature	0 °C ~ 40 °C
Storage temperature	-40 °C ~ 70 °C
Ambient relative humidity	10 % ~ 90 % RH, non-condensing

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