



# **8-Port Gigabit Switch Unmanaged, Metal Housing**



**Quick Installation Guide**

**DN-80066**

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# **1 Product Introduction**

This is an 8 port 10/100/1000Mbps Ethernet Switch, provides the seamless network connection. All ports support Auto MDI/MDIX function, with 8 10/100/1000Mbps Auto-Negotiation RJ45 ports. The Switch with a low-cost, easy-to-use, high performance upgrade your old network to a 1000Mbps network.

The switch is easy to install and use. It is suitable for expanding your home or office network. The LED on the front panel can dynamically display the operation status of the network.

## 1.1 Features

- 8 x RJ45 ports 10/100/1000 Mbps
- All ports support 10/100/1000 Mbps bandwidth
- Support desktop and Wall mount installation
- Switching Capacity: 16Gbps
- Network standards: IEEE 802.3i, IEEE 802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3az standards
- Auto-negotiation / Auto-MDI/MDI-X
- MAC address auto-learning and auto-aging
- LED indicators for monitoring power, link/activity
- Durable metal enclosure

## 1.2 Package Contents

- 1 x 8-port Gigabit Switch, Unmanaged
- 1 x Power Supply
- 1 x Quick Start Guide



### 1.3 Specifications

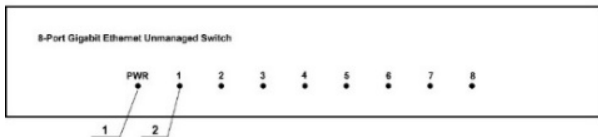
Interfaces	8x 10/100/1000Mbps Adaptive Ethernet port
Power Supply	DC (DC) Input: Rated voltage: 5V Rated current: 1A
PoE	Nonsupport
Power Consumption	4W(Max)
Operating Temperature	0°C ~40°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	10% ~ 90% RH
Storage humidity	5% ~ 90% RH
Fan	No fan
Dimensions (W x D x H)	140x76x28mm
Switching Capacity	16Gbps
Hardware Version	V1.0

### 1.4 External Component Description

The front panel of the Route consists of a series of LED indicators. The rear panel provides a DC power connector, 8\*10/100/1000Mbps Adaptive Ethernet port. The left panel provides a Ground Terminal. Its appearance is shown below:

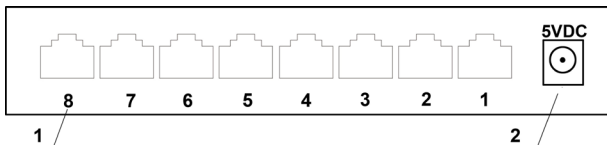


## Front Panel



- Annotation
1. PWR indicator
  2. 10/100/1000Base-T Link/Act indicator

## Rear Panel



- Annotation
1. 10/100/1000Base-T Adaptive Ethernet port
  2. DC power connector

## 1.5 Power Supply

Router power supply adopts direct current(DC) input:

Rated current: 1A

Rated voltage: 5V

## 1.6 Cooling Solution

DN-80066 adopts a fanless design. To ensure good heat dissipation, when placing the chassis, a space of 10cm should be reserved on both sides of the chassis and the rear panel to facilitate air circulation. Avoid blocking the openings of the chassis, otherwise the heat dissipation effect may be affected.

## 1.7 Indicator

Indicator	Faceplate Marker	Status	Indication
PWR Status Light	PWR	Off	Power Off.
		Solid green	Power On.
Ethernet port indicator	1~8	Off	The port is NOT connected.
		Solid green	The port is connected at 10/100/1000Mbps.
		Blinking	The port 10/100/1000M data transceiver.

## 2 Installing and Connecting the Switch

This part describes how to install your Ethernet Switch and make connections to it. Please read the following topics and perform the procedures in the order being presented.

### 2.1 Installation

- Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.
- Put the Switch on stable place or desktop in case of falling damage.
- Make sure the Switch works in the proper AC input range and matches the voltage labeled on the Switch.

- To keep the Switch free from lightning, do not open the Switch's shell even in power failure.
- Make sure that there is proper heat dissipation from and adequate ventilation around the Switch.
- Make sure the cabinet to enough back up the weight of the Switch and its accessories.

## 2.2 Desktop Installation

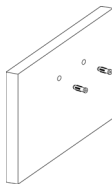
Sometimes users are not equipped with the 19-inch standard cabinet. So when installing the Switch on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the Switch in case of the external vibration. Allow adequate space for ventilation between the device and the objects around it.

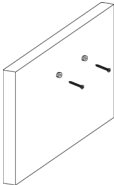
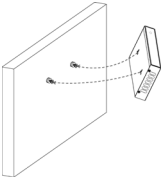
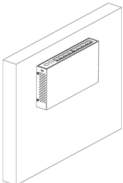
## 2.3 Wall Installation

The Switch can also be installed on a wall. Two installing slots are provided on the bottom of the Switch for this purpose. Please make sure that the front panel is exposed in order to view the LEDs. Please refer to the illustration below:

### Step one:

Please drill two suitable holes, press two expansion tubes into the two holes respectively.



<p><b>Step two:</b> Insert the screw into the expansion tube.</p>	
<p><b>Step three:</b> Hang the switch on the two screws.</p>	
<p><b>Step four:</b> Installation is completed.</p>	

## 2.4 Power on the Switch

The Switch is powered on by the External DC adapter 5V/1A power supply. Please follow the next tips to connect: Use the standard DC adapter to connect one end of the power socket to the power DC interface of the back panel of the switch. and check the power indicator is ON or not. When it is ON, it indicates the power connection is OK.



## 2.5 Connect Computer (NIC) to the Switch

Please insert the NIC into the computer, after installing network card driver, please connect one end of the twisted pair to RJ-45 jack of your computer, the other end will be connected to any RJ-45 port of the Switch, the distance between Switch and computer is around 100 meters. Once the connection is OK and the devices are power on normally, the LINK status indicator lights corresponding ports of the Switch.

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