



16-Port 10/100Mbps Ethernet Switch



Manual
DN-60011-1

Description

DN-60011-1 is 16-port 10/100Mbps unmanaged Ethernet Switch. Adopt professional IP1717 switch chips, the switch provides 16 x 10/100Mbps Auto-Negotiation RJ45 ports. All RJ45 ports support the Auto-MDI/MDIX function. Every port can works as uplink port or common port. The Switch delivers superior performance with improving workgroup, network bandwidth, increasing network node, providing greater flexibility, installation convenience. It is the best choice for increasing your speed.

Features

- Sixteen 10/100BASE-T Ethernet Ports
- Support Auto-Negotiation for 10/100Mbps and duplex mode
- Support Auto-MDI/MDIX for each port
- Support Full/Half duplex transfer mode for 10/100Mbps
- Support Store-and-Forward switching method
- Complies with IEEE 802.3, IEEE 802.3ab
- Support Wire-speed and non-blocking performance
- 3.2 Gbps Switching Capacity
- Support Broadcast and multicast storm control
- Supports MAC address auto-learning and auto-aging
- 4K MAC address table

Chapter 1 Introduction

Congratulations on your purchase of this 10/100Mbps switch. Instructions for installing and configuring this product can be found in this manual. Before you install and use this product, please read this manual carefully for full exploiting the functions of this product.

The 10/100Mbps switch is the perfect way of integrating 10Mbps Ethernet and 100Mbps Fast Ethernet devices. All 16-ports are auto speed negotiating, and have automatic MDI/MDI-X crossover detection, so you don't have to worry about the cable type. Each port independently negotiates for best speed and half- or full-duplex mode, for up to 200Mbps of bandwidth per port. Fast store-and-forward switching prevents damaged packets from being passed on into the network.

1.1 Features

- Sixteen 10/100BASE-T Ethernet Ports
- Support Auto-Negotiation for 10/100Mbps
- Support Auto-MDI/MDIX for each port
- Support Full/Half duplex transfer mode for 10/100Mbps
- Complies with IEEE 802.3, IEEE 802.3u 16-Port 10/100Mbps Ethernet Switch 4
- Support Store-and-Forward switching method
- Support Wire-speed and non-blocking performance
- Support Address learning and aging
- Support Broadcast Storm Filtering Control
- Support Data Flow Control for enhanced transmission reliability
- Support 4K MAC addresses.
- Standard 19" Rack-mount size

1.2 Environments

- Storage Temperature: -40°C ~70°C
- Operating Temperature: 0°C ~40°C
- Storage Humidity: 5% ~90% RH Non-condensing
- Operating Humidity: 10% ~90% RH Non-condensing

1.3 Package

- One 10/100Mbps switch
- One Manual
- One AC Power cord 16-Port 10/100Mbps Ethernet Switch 5

Chapter 2 Installation

2.1 Front Panel LEDs

Power LED

This green indicator illuminates when the Switch is receiving power.

Link/Act

This green indicator illuminates steadily when a port is connected to a station successfully. If this green indicator is blinking, it indicates that a port is transmitting or receiving data on the network.

2.2 Back Panel Features

The power connector is located on the back panel of the switch.

AC Power Connector

This is the three pronged connector that support the power cord. Plug in the female connector of the provided power cord into this connector, and the male into a power outlet. Supported input voltages range from 100~240V AC at 50~60Hz. 16-Port 10/100Mbps Ethernet Switch 6

2.3 Connecting Network Devices

To connect network devices to the Switch, follow these instructions.

1. Make sure all the devices you will connect to the Switch are powered off.
2. Connect a Category 5 Ethernet network cable to one of the numbered ports on the Switch.
3. Connect the other end to a PC or other network devices.
4. Repeat steps 2 and 3 to connect additional devices.
5. Plug in the female connector of the provided power cord into the power connector on the Switch's back panel.
6. Plug in the male into a power outlet.
7. Power on the devices connected to the Switch. Each active port's corresponding LED will light up on the Switch.

Specification

Model	DN-60011-1	
Chipset	IP1717+IP108A	
Standards	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX	
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m)	
Number of Ports	16 x 10/100Mbps Auto-Negotiation ports	
LED indicators	10/100M	Link/Act
	Other	Power
Frame Filtering and Forward Rate	10Mbps: 14880pps 100Mbps: 148800pps	
Transfer Method	Store-and-Forward	
MAC address table	4K	
Backup Bandwidth	3.2Gbps	
Power Supply/Consume	Input: 100-240V~50-60Hz 0.6A Consume: 7 W (MAX)	
Environment	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing	

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