



10-INCH 8-PORT GIGABIT ETHERNET SWITCH, L2 MANAGED



Quick installation guide DN-80117

1. About 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 divided into 4 parts:

1. About guide: Terminology/Usage
2. Product introduction: functional overview and introduction of panel definitions
3. Hardware installation: step by step hardware installation process
4. Technical Specifications

Terminology / Usage

In this guide, the term "Switch" (first letter capitalized) refers to the Ethernet Switch, and "switch" (first letter lower case) refers to other Ethernet switches. Some technologies refer to terms "switch", "bridge" and "switching hubs" interchangeably, and both are commonly accepted for Ethernet switches.

Note: indicates important information that helps a better use of the device.

Warning: indicates potential property damage or personal injury.

Copyright and trademark

The pictures and data shown in this guide are for reference only, subject to change without notice.

2. Products Introduction

Thanks for purchasing the Managed Ethernet switch products.

This product is a network management type Gigabit Ethernet Switch. The machine comes with 8x 10/100/1000 Mbps RJ45 ports which can satisfy the full speed forwarding of ports. The machine is a small size metal-shell device which is useful for the small office can home and the IP solution project using, be used on the desktop or Wall mounting. Excellent performance can help you widely use in wireless, monitoring and other fields.

Front Panel

The front panel consists of LED indications and network ports



LED Lamp

Power LED: The Power LED lights up when the switch is connected to a power source.

Link/Act indicator: the light indicates the network connection through the corresponding port. Flicker indicates that the switch is sending or receiving data.

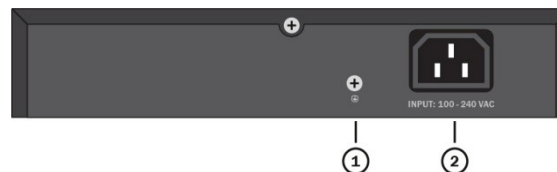
Side Panel



RST: By pressing the Reset button for 5 seconds the switch will change back to the default configuration and all changes will be lost.

Rear Panel

The rear panel view of the Ethernet switch consists of an AC power connector.



- (1) **Grounding:** use specialized ground lead connect
- (2) Connect the power adapter output terminal to this port.
Supports input voltages 100-240VAC

3. Hardware installation

This chapter provides unpacking and installation information for the Managed Ethernet Switch.

Open a 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.

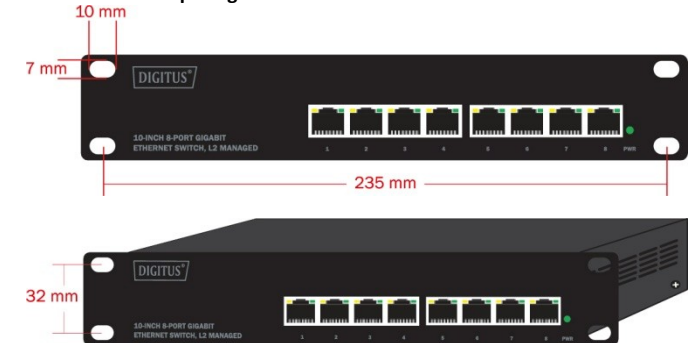
- Switch 1pcs
- User's manual 1pcs
- AC power cord 1pcs
- CD ROMs 1pcs

Switch installation

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

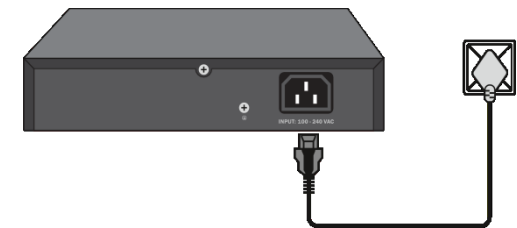
- Visually inspect the power cord to see that it is secured fully to the AC power connector.
- Make sure that there is proper heat dissipation and adequate ventilation around the switch.
- Do not place heavy objects on the switch.

Installation hole spacing



Connecting power supply

Using the AC power cord to connect to of the into the AC socket on the back of the switch.



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.

Network connection

The Managed Switch can be managed through any port on the device by using the Web-based management.

Using Web-based Management

After a successful physical installation, you can configure the Switch, monitor the network status, and display statistics using a web browser.

Supported Web Browsers

The embedded Web-based Management currently supports the following web browsers:

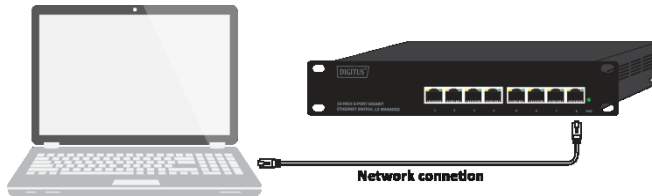
- Internet Explorer 6 or higher version
- Netscape 8 or higher version
- Mozilla
- Firefox 1.5/2.0 or higher version

Connecting to the Switch

You will need the following equipment to begin the web configuration of your device:

1. A PC with a RJ-45 Ethernet connection
2. Standard Ethernet network Line
3. A standard Ethernet cable

Connect the Ethernet cable to any of the ports on the front panel of the switch and to the Ethernet port on the PC.



Login Web-based Management

1. To access the GUI of the switch, open a browser and type the default management address <http://192.168.0.1> in the address field of the browser, then press the Enter key.



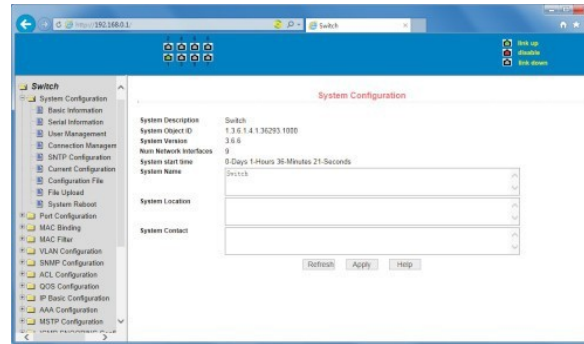
- Note:** To log in to the switch, the IP address of your PC should be set in the same subnet as that of the switch. The IP address is 192.168.0.x ("x" is any number from 2 to 254). Subnet Mask is 255.255.255.0. For details, please refer to Appendix B in the User Guide on the resource CD.



2. Enter admin for both the User Name and Password in the lower case letters. Then click the Login button or press the Enter key.



3. After a successful login, the main page will appear as follows, and you can click the menu on the left side to configure the corresponding functions.



Note: For more details about how to configure the switch, see the User Guide on the resource CD.

4. Technical Specifications

Project	describe
Summary	
Fixed port	8x10/100/1000Base-TX RJ45 ports
Standards and protocols	IEEE802.3 10Base-T Ethernet standard
	IEEE802.3u 100Base-TX Fast Ethernet standard
	IEEE802.3ab 1000Base-T Ethernet standard
	IEEE802.3z Gigabit Ethernet (fiber) IEEE802.3x Full duplex flow control and Backpressure Half duplex flow control
	IEEE802.3ab Link aggregation
Forwarding Rate	10/100/1000Mbps
LED Indicators	Power, Link/Act
AC Input Voltage Range	100V~240V AC, 50/60Hz
Power consumption	10W
Operating temperature	0°C~40°C
Storage temperature	-10°C~70°C
Relative humidity	20%~85% (non-condensing)
Switching Fabric	16G
MAC Addresses	8K

Software Technology	
Port Feature	Port Control, Port Isolation, Port Self-loop Detection
Port Mirroring	Multi to 1 Sniffer
VLAN	Port-base & 802.1q Tag-base VLANs
Link Aggregation	Up to 8 maximum aggregation groups, each containing up to 4GE
Traffic control	IEEE 802.3x full-duplex flow control
Rate Limit	Unit: 64kbps
Spanning Tree	Support STP, RSTP, MSTP
Ring Protocol	Support EAPS
Multicast	Support 256 Multicast groups, Support IGMP Snooping
HOST Static Route	Support Static ARP & Static Routing, up to 32 L3 VLAN Interface
QoS	4 output queues on each port
	Support flexible queue scheduling algorithms: WRR, Q+WRR
ACL	Support port-based / MAC-based / 802.1p / DSCP classification
	Support Standard IP / Extend IP / MAC IP / ARP, up to 512 entries
Security	Support MAC-based 802.1X authentication
	Support AAA/RADIUS authentication
	Support WEB/Telnet password protection
	Support Accessing privilege mode password protection
SNMP	Support
Configuration File	Support Download/Upload configuration File via WEB / TFTP
Upgrade Firmware	Support Upgrade Firmware via WEB / TFTP
Management Interface	Support WEB, SNMP, CLI, Telnet,
Reset Button	<5 sec: System reboot
	>5 sec: Factory default
Mechanical	
Casing	Metal
Dimensions (W x L x H)	252 mm x 150 mm x 44 mm

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.

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