



16 Port Gigabit PoE+ Switch, 10 Inch, Unmanaged



Quick Start Guide

DN-95334

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.

2. Product Introduction

The DIGITUS® DN-95334 is the ideal solution for large PoE installations in which many end devices such as IP cameras, access points, VoIP telephones or IoT modules are operated simultaneously. With 16 Gigabit PoE+ ports (30 W per port) and a powerful total PoE budget of 120 W, the switch offers maximum flexibility and sufficient power reserves for demanding projects. The 10-inch design makes it ideal for compact technology cabinets, floor distributors or wall installations. Its fanless metal housing ensures reliable and noiseless continuous operation, even under high load. The DN-95334 is ideal for security and building infrastructures such as hotels, office complexes, warehouses or residential complexes. The Gigabit backplane provides stable bandwidth for all connected PoE clients.

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.

PoE indicator: constant brightness indicates that the PD device is connected to the corresponding port and extinguished indicates that the port is not powered or no PD device is found.

Rear Panel

The rear panel view of the Switch consists of a Power IN DC Jack.



Grounding: Use specialized ground lead connect

Power Input: Supports input voltages DC44 - 57V

3. Hardware installation

This chapter provides unpacking and installation information for the Switch.

Package Content

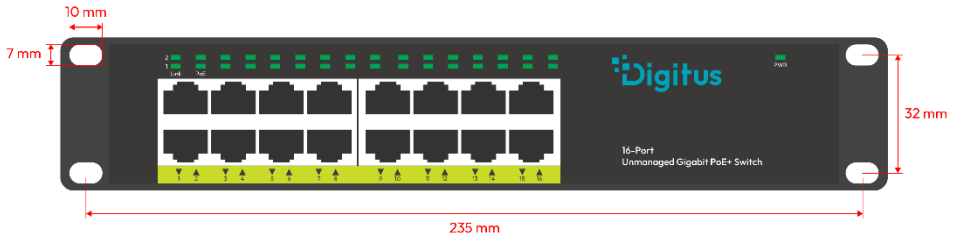
Open the shipping carton and carefully unpack its contents. Please consult the packing list located in the QIG to make sure all items are present and undamaged. If any item is missing or damaged, please contact the local reseller for replacement.

- Switch 1pcs
- AC power cord 1pcs
- QIG 1pcs
- Power Adapter 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.

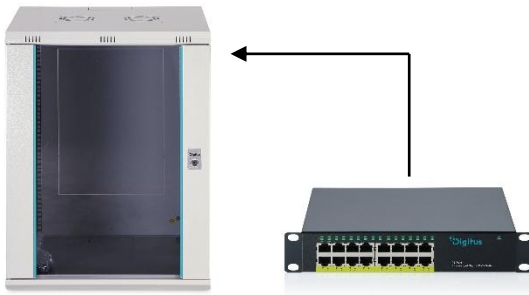
Power Adapter 1pcs Installation Hole Spacing



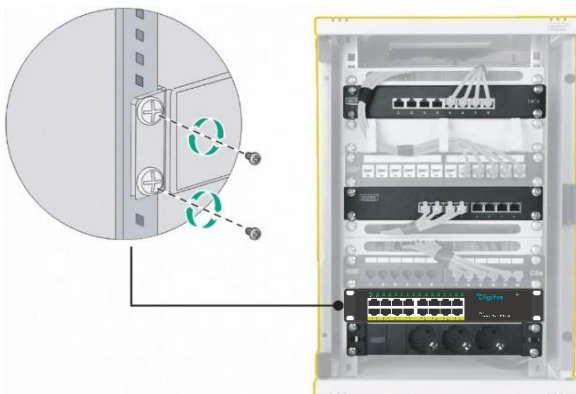
Installation steps:

Products are installed in an EIA-standard 10-inch Wall mounting cabinet, can be placed in a wall mounted cabinet along with other equipment.

1. Place the switch horizontally in a 10 "wall mounted cabinet".

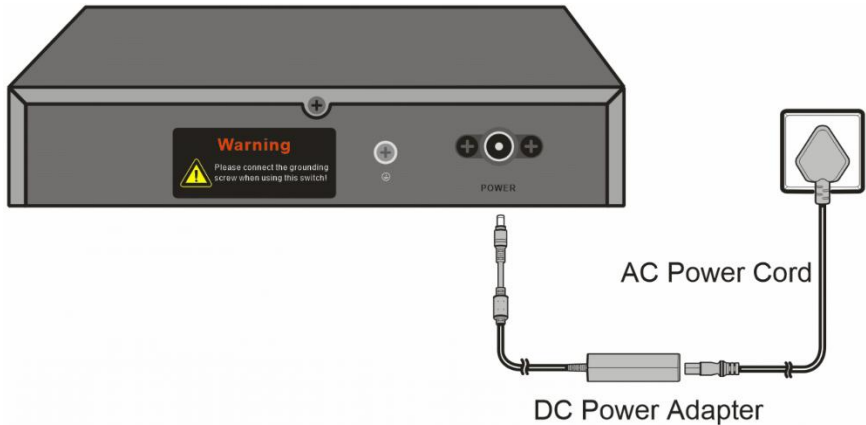


2. Use the M6 mounting screw set provided with the cabinet to secure the switch inside the cabinet.



Plugging in the AC Power Cord

Using the AC power cord to connect to the power adapter; then plug the output terminal of the adapter into the DC IN socket on the back of the Switch. (To prevent people from being shocked when touching the device, please install a grounding wire on the power socket.)



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

Grounding the Switch by Using a Grounding Strip

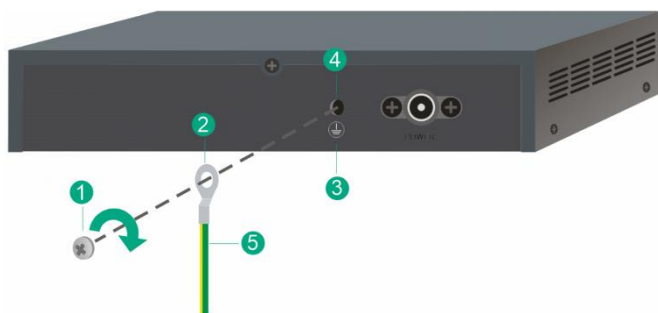
CAUTION

- Connect the grounding cable to the grounding strip in the equipment room. Do not connect it to a fire main or lightning rod.
- To guarantee the grounding effect and avoid switch damage, use the grounding cable connect the switch to a grounding strip in the equipment room.
- If a grounding strip is available at the installation site, use the grounding cable to connect the switch to the grounding strip.

Connecting the Grounding Cable to the Chassis

1. Remove the grounding screw in the rear panel of the chassis.

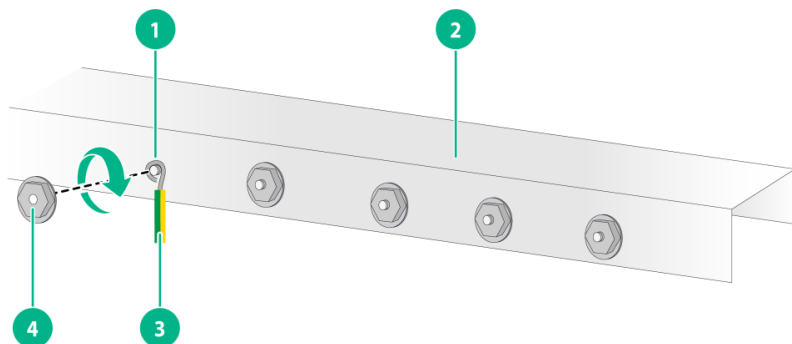
2. Use the grounding screw to attach the ring terminal of the grounding cable to the grounding screw hole. Fasten the screw. As a best practice, use a torque of 12 kgf-cm (1.18 Nm) to fasten the grounding screw.



- ①: Grounding screw (Min 3.5mm), ②: Ring terminal of the grounding cable,
③: Grounding sign, ④: Grounding hole, ⑤: Grounding cable (Min. 18AWG)

Connecting the Grounding Cable to a Grounding Strip

1. Use needle-nose pliers to bend the bare metal part to the shape as below. Make sure the bent part can securely attached to the grounding post on the grounding strip.
2. Attach the bent part of the grounding cable to the grounding post and use the hex nut to fasten the bent part to the post.



- ①: Grounding post, ②: Grounding strip, ③: Grounding cable, ④: Hex nut

Verifying the Connection After Grounding the Switch

If you ground the switch by using a grounding strip, perform the following tasks:

- a. Use a multimeter to measure the resistance between the switch grounding terminal and grounding point, and make sure the resistance is less than 0.1Ω
- b. Use a grounding resistance tester to measure the grounding resistance of the grounding strip, and make sure the grounding resistance is less than 1Ω

4. Technical specifications

Fixed port	16 x 10/100/1000Mbps RJ45 Ethernet Ports
LED Indicators	Power, Link, PoE
Switching Capacity	32 Gbps
Forwarding Capacity	23.8 Mpps
Forwarding Mode	Store and Forward
Packet Buffer Memory	4.1 Mbit
MAC Address Table	8 K
Dimensions (W x L x H)	252 x 150 x 44 mm
Operating Temperature	0 to 40°C
Storage Temperature	-10 to 70°C
Operating Humidity	5 to 90% Noncondensing
Power Input	DC Adapter: 44-57VDC, 135W
Max. Power Consumption	15W (Without PoE load); 135W (Full PoE load)
Casing	Metal
Installation	Rack mounting in 10" cabinet
PoE Ports	1-16
PoE Standard	IEEE802.3af / IEEE802.3at
PoE Power Budget	120W
Max. PoE Wattage per Port	30W
PoE Voltage	52V
PoE Pin Assignment	V- (RJ45 Pin1,2), V+ (RJ45 Pin 3,6)

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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