



**8 Port 2.5 G PoE+ Switch,  
10 Inch, Unmanaged,  
1 10 G SFP+ Uplink**



**Quick Start Guide**

DN-95333

## 1. About The Guide

This guide provides instructions to install the Ethernet Switch.

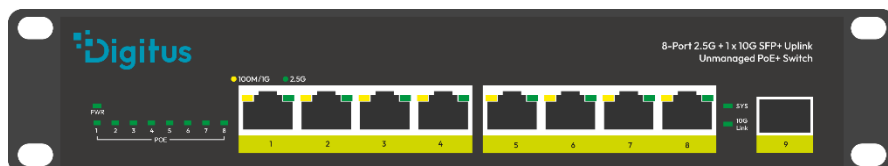
**Note:** The model you have purchased may appear slightly different from the illustrations shown in the document. Refer to the Product Instruction and Technical Specification sections for detailed information about your switch, its components, network connections, and technical specifications.

## 2. Product Introduction

The DIGITUS® DN-95333 is a high-performance 10-inch PoE+ switch that combines eight 2.5G Ethernet ports with PoE+ (30 W per port) and a fast 10G SFP+ uplink. This makes it ideal for WLAN installations with many access points, extensive IP video surveillance or IoT infrastructures that require both high port speed and PoE power supply. The 80 W PoE total pool allows the simultaneous operation of several power-intensive end devices such as Wi-Fi 6/7 access points or PTZ cameras. The 10G uplink ensures that data packets are forwarded without delays even when the switch is fully loaded. Thanks to its completely fanless design, the DN-95333 operates absolutely silently. Its robust metal housing makes it ideal for 24/7 operation in offices, technical rooms or retail installations. The compact 10-inch size is particularly practical for small network cabinets or wall-mounted housings.

### 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.

**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.

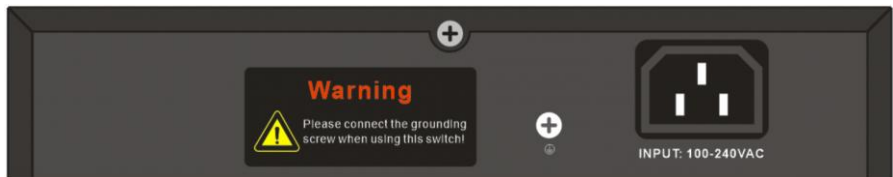
**Port light:** Yellow indicates 100M/1Gbps; green indicates 2.5Gbps.

**SYS LED:** Flashing indicates that the system is working normally and the network connection is normal.

**10G Link LED:** The light indicates the network connection through the SFP+ uplink port. This LED will be flashed only when connected to a port with 10G transmission rate.

## Rear Panel

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



**Grounding:** use specialized ground lead connect

Connect the power adapter output terminal to this port.

Supports input voltages **100 – 240 V AC**

## 3. Hardware installation

This chapter provides unpacking and installation information for the Switch.

### Package Content

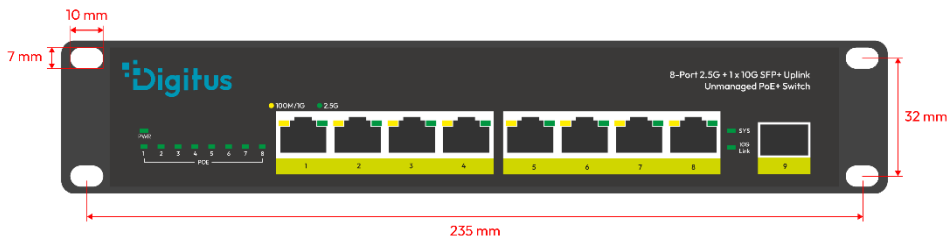
Open the shipping carton and carefully unpack its contents. Please consult the packing list located in the QIG to make sure all items are present and undamaged. If any item is missing or damaged, please contact the local reseller for replacement.

- Switch 1pcs
- AC power cord 1pcs
- QIG 1pcs

## 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.

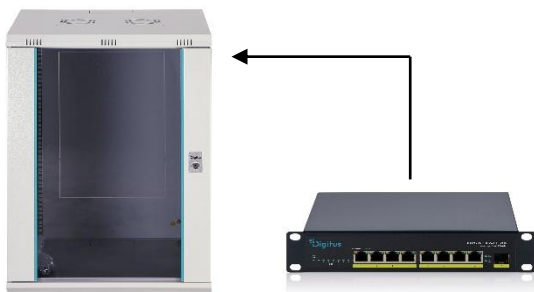
## Installation Hole Spacing



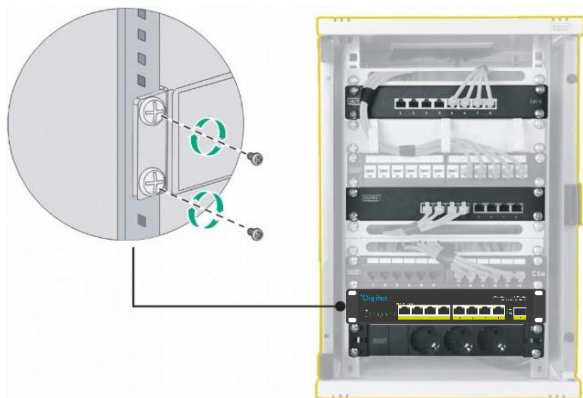
## Installation steps:

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".

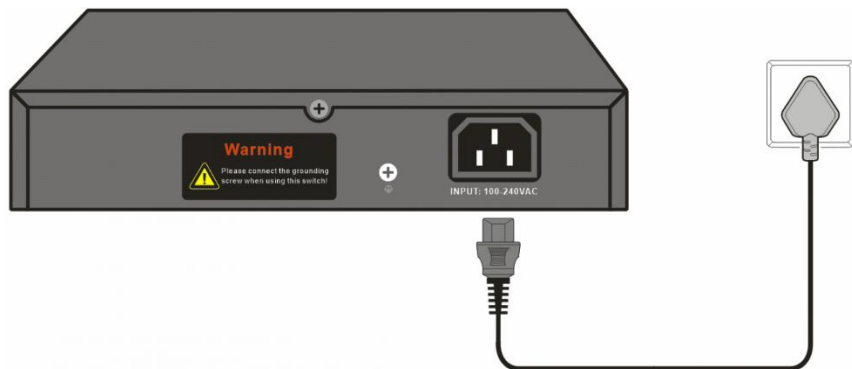


2. Use the M6 mounting screw set provided with the cabinet to secure the switch inside the cabinet.



### Plugging in the AC Power Cord

You can connect AC power supply cord to switch back and the other side connect the power outlet (power outlet might as well grounding and support over voltage protection).



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

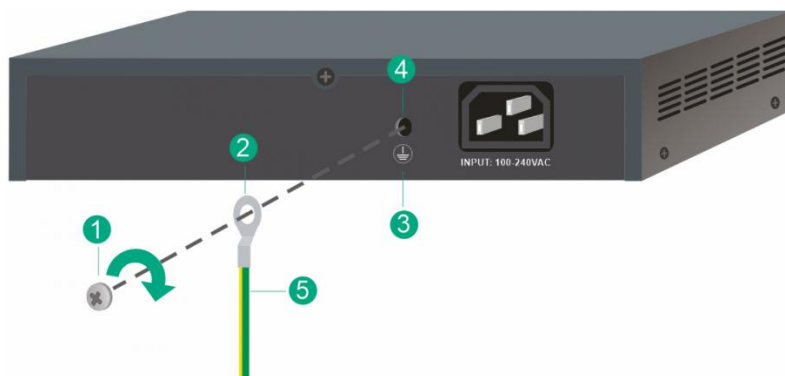
## Grounding the Switch by Using a Grounding Strip

### 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.

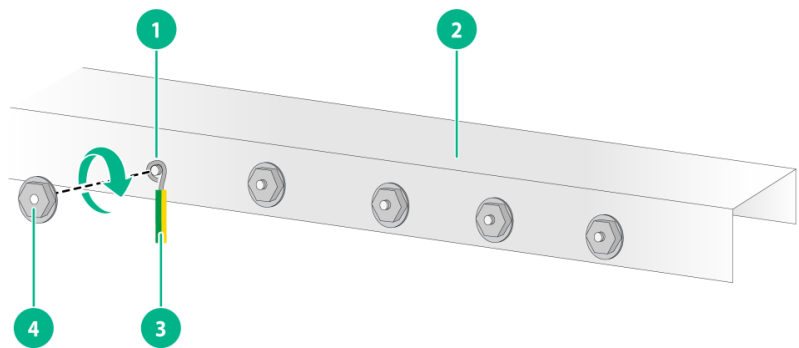


- ①: Grounding screw (Min 3.5mm), ②: Ring terminal of the grounding cable,  
③: Grounding sign, ④: Grounding hole, ⑤: Grounding cable (Min. 18AWG)

### 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:

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

## 4. Technical specifications

|                               |                                                                    |
|-------------------------------|--------------------------------------------------------------------|
| <b>Fixed port</b>             | 8 x 100/1000/2500Mbps RJ45 Ethernet Ports<br>1 x 10Gbps SFP+ Ports |
| <b>LED Indicators</b>         | Power, SYS, 10G Link, PoE, 100M/1G, 2.5G                           |
| <b>Switching Capacity</b>     | 60 Gbps                                                            |
| <b>Forwarding Capacity</b>    | 44.64 Mpps                                                         |
| <b>Forwarding Mode</b>        | Store and Forward                                                  |
| <b>Packet Buffer Memory</b>   | 8 Mbit                                                             |
| <b>MAC Address Table</b>      | 4 K                                                                |
| <b>Max. Jumbo Frame size</b>  | 12 KB                                                              |
| <b>Dimensions (W x L x H)</b> | 252 x 150 x 44 mm                                                  |

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| <b>Operating Temperature</b>     | 0 to 40°C                                   |
| <b>Storage Temperature</b>       | -10 to 70°C                                 |
| <b>Operating Humidity</b>        | 5 to 90% Noncondensing                      |
| <b>Power Input</b>               | 100V~240V AC , 50/60Hz                      |
| <b>Max. Power Consumption</b>    | 15W (Without PoE load); 96W (Full PoE load) |
| <b>Casing</b>                    | Metal                                       |
| <b>Installation</b>              | Rack mounting in 10" cabinet                |
| <b>PoE Ports</b>                 | 1-8                                         |
| <b>PoE Standard</b>              | IEEE802.3af / IEEE802.3at                   |
| <b>PoE Power Budget</b>          | 80W                                         |
| <b>Max. PoE Wattage per Port</b> | 30W                                         |
| <b>PoE Voltage</b>               | 52V                                         |
| <b>PoE Pin Assignment</b>        | 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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